

PRODUCT GUIDE 2007

Access control



ADI-GARDINER

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The numbers indicate the pages on which you can locate the product type and manufacturer you require.

For more information about our products, please call +353 (0) 1450 1366





E.A.S. Electronic Article Surveillance is a way of protecting a retail stores merchandise.

What is a Tagging System?

A tagging system comprises of a transmitter, receiver and a tuned circuit (a tag). The majority of tagging systems are presence only detection systems. When a tag is put into the field, the field is detuned and this detuning is detected by the receiver. The receiver has many high Q filters to reduce the risk of false alarms. The receiver has to look at more than one frequency (sweep).

SINGLE PEDESTAL SYSTEMS (XL SUPRA MONO, 8.2 Mhz)

These systems combine a transmitter and receiver in one aerial. Lower frequencies are used for these systems, normally below 3.25 Mhz. Generally 1.95 Mhz is used for RF (Radio Frequency) systems but has limited capabilities ie. cannot use paper labels. The XL Supra Mono systems operate on 8.2 Mhz allowing the use of paper labels on a single pedestal system. (1.95 Mhz versions are available but are not compatible with paper labels).

DUAL PEDESTAL SYSTEMS (XS NUDA, XS SUPRA and XL SUPRA, 8.2 Mhz)

These systems consist of a separate transmitter and receiver, making them capable of covering greater distances. RF Systems operate at 3.25 Mhz, 4.75 Mhz and 8.2 Mhz. They give a high pick rate >98% when using hard tags. When using multiple transmitters, slaving is necessary.

An RF System offers the following benefits:

- Well established technology with a significant cost saving on tags
- Large tags present a strong visual deterrent to shoplifters
- Offers entry level (single pillar) systems for smaller garment retailers
- The ability to detect paper labels as well as hard tags

Radio frequency systems & equipment

Single Pedestal System

This advanced single pedestal 8.2 Mhz system is capable of operating either as a standalone system or in an installation of up to 18 systems. Active and passive aerials can also be added to make it cost effective for dual aisle installations.

Specifications

XL SUPRA MONO
Width 390mm
Height 1550mm
Depth 40mm
Mains Supply 100-230V AC

Detection distances either side of the aerial

Aura Tag 1.2 metres (928-0854)
Mini Aura Tag 1.0 metre (928-0855)
5 X 5 Adhesive Label 0.9 metres (928-0862)
4 X 4 Adhesive Label 0.75 metres (928-0864)
Note: each tag requires a pin, sold separately in packs of 1000



930-0001 **XLSUPRAMONO8.25** XL SUPRA MONO 8.25 Mhz single pedestal system

XS Nuda Systems

With a size less than half that of a standard system the XS Nuda shows only minimal presence in the shop entrance. The advanced digital electronics provide a level of performance that is unmatched for this size of system.

The system operates on 100-230V AC and the minimal centre operating frequency is 8.25 Mhz.

The transmitters and receivers can be installed at a maximum distance of 1.90 metres apart when a pungo hard tag is used. (928-0852).

The systems come with a 2m complete with a 2m lead.

928-1176 **XPXSNUDA23GSFTX** XS Nuda Transmitter

Trade

927-1177 **XPXSNUDA23GSFRX** XS Nuda Receiver including PSU

XS Supra Systems (1550 x 250 x 40mm (HxWxD)) 100-230V AC

The ultra compact XS SUPRA is equipped with Omni Directional Detection (ODD) technology. ODD provides an optimal detection performance, even when the smallest paper labels are used. The XS SUPRA is supplied as standard with customisable Plexiglass panels and an integrated sounder with light.



927-1891 **XPXSUPRATX** XS Supra 23GSF Transmitter



927-1890 **XPXSUPRARX** XS Supra 23GSF Receiver including PSU

XL Supra Systems (1550 x 390 x 40mm (HxWxD)) 100-230V AC

The XL Supra is a true wide aisle system for those retailers requiring the maximum possible detection width and reliability. Using Omni-Directional Detection (ODD) technology, paper labels can be detected as easily as hard tags on distances up to 1.6 metres. The system operates on 100-230V AC and the operating frequency is 8.2 Mhz.

The transmitters and receivers can be installed at a maximum distance of 2.2 metres apart when a pungo hard tag is used. (928-0852)

The systems come with a PSU complete with a 2m lead.

927-1178 **XPXLSUPRAGSFTX** XL Supra 23GSF Transmitter

927-1179 **XPXLSUPRAGSFRX** XL Supra 23GSF Receiver including PSU

Detection Distances

Pungo Tag (928-0852)
Ostra D50 Tag (928-0856)
5 X 5 Adhesive Label (928-0862)
4 X 4 Adhesive Label (928-0864)

Note: each tag requires a pin, sold separately in packs of 1000

XS Nuda Systems

up to 1.9 metres
up to 1.7 metres
up to 0.9 metres
up to 0.75 metres

XS Supra Systems

up to 1.8 metres
up to 1.6 metres
up to 1.4 metres
up to 1.3 metres

XL Supra Systems

up to 2.2 metres
up to 2.0 metres
up to 1.9 metres
up to 1.75 metres

Meters

We recommend each installer purchases one of each of the meters listed below. If there are issues with a system not performing correctly, a couple of fundamental questions that will be asked by our Technical Sales Support Team will always require the RFTSYSMETER meter to answer them. If the installer does not have these meters the Technical Sales Support Team will NOT be able to help the installer. There are two types of meters, one is for testing that the frequency of the tag is correct and the other is for checking that the system is operating at the correct frequency. These meters are for SWEPT SYSTEMS only and will not be of any use with the PULSED single pedestal systems (XL SUPRA MONO). Due to being single pedestal systems, the XL SUPRA MONO systems do not require any test equipment.

If the system installed is not picking up the tags, there are a number of meters available to check the frequencies. Alternatively one can use the meters when installing the systems to check everything is operating correctly. The FREQUENCY meter for testing the tags is 210 x 80 x 21 mm and requires 4 x AA batteries. The SYSTEM meter is 104 x 57 x 19mm and requires a PP3 battery.

928-0870 **RFTFREQTEST** Tag frequency meter, requires 4 x AA batteries

928-0871 **RFTSYSMETER** 8.2 GSF system meter, requires a PP3 battery

Accessories

928-0872 **LAN120DLOOP** Lanyard double loop, pack of 100

The double loop lanyard has a loop at both ends and is 20cm in length in white plastic. This is used to attach difficult shaped items to a tag.

928-0873 **LAN120FLEXS** Flex string, pack of 100

The Flex strings are like galvanised wire and are about 20cm in length. These are, used to attach difficult shaped items to a tag. However the tag needs to have a hole in it so the wire can be pushed in - this refers to the Aura mini tag only.

RFI Ferrite Cable Clamps

XS NUDA and XL SUPRA systems

If upon activation an external sounder or signalling device is required, this can be achieved by using the dry contact output. To prevent any stray RFI from the signalling device, a Ferrite cable clamp MUST BE USED.

928-0920 **FERRITE-SIZE-B** Ferrite cable clamp for providing a quick "Retro-fit" solution to RFI problems, pack of 4

CABLE SPECIFICATION

The cable required between the XS Nuda or XL Supra transmitter & receiver is a belden GAR9534STY cable

Cable

927-0040 **GAR9534STY** Belden style, 4 conductor overall screen cable, 24AWG, 100m

Pungo tags

928-0852 **RFTPU825SLW** Pungo tag 8.25 Mhz, white, standard lock, pack of 1000 (each tag requires a pin, sold separately in packs of 1000)

Aura tags

The Aura tags have a conical coil to aid detection and reduce the effect of 'plane consciousness'. The frequency can be from 1.95 to 8.25 Mhz with the standard colour as white for standard lock tags.*

Note* 'plane consciousness' = if the tag has a flat coil the tag performance may appear to vary at different angles in wider systems, that's where the conical coil comes in. The Aura tag is 62mm in diameter & 23mm in depth
The Aura mini tag is 42mm in diameter & 23mm in depth

The Aura tag offers a slightly better detection range between system pedestals, but some retailers prefer the smaller Aura mini tag for their clothing, this still has a good detection range of up to 1.6m.

928-0854 **RFTAUA825SLW** Aura tag 8.25 Mhz, white, standard lock, pack of 1000 (each tag requires a pin, sold separately in packs of 1000)

928-0855 **RFTMA825SLW** Aura mini tag 8.25 Mhz, white, standard lock, pack of 1000 (each tag requires a pin, sold separately in packs of 1000)

Ostra tags

928-0856 **RFTOSD58SLW** Ostra D50, white, standard lock, pack of 1000 (each tag requires a pin, sold separately in packs of 1000)

Pins

There are two types of pins available - 16mm conical plastic head with smooth or grooved shank and 19mm flat plastic head with smooth or grooved shank. Pins do not come with the tags as they are a separate item. However a pin is required to attach the tags to garments and, when the garment is sold, the tag is detached from the pin.

928-0857 **PIN016SMCON** Standard 16mm Pins, pack of 1000

928-0858 **PINTED00D65** Ostra TED 16mm Pins, pack of 1000

Adhesive labels

Often known as soft tagging. These are applied to solid objects and are either plain or printed with a dummy barcode to disguise its real function. The labels are either 4cm x 4cm or 5cm x 5cm (actual size). The larger the label the better the detection, but more retailers prefer 4 x 4 labels because of their smaller size.

928-0862 **RFTLAB5X5PL** Adhesive labels 8.2 Mhz, 5 x 5cm, plain, pack of 2000

928-0863 **RFTLAB5X5BC** Adhesive labels 8.2 Mhz, 5 x 5cm, barcoded, pack of 2000

928-0864 **RFTLAB4X4PL** Adhesive labels 8.2 Mhz, 4 x 4cm, plain, pack of 2000

928-0865 **RFTLAB4X4BC** Adhesive labels 8.2 Mhz, 4 x 4cm, barcoded, pack of 2000

Detacher & Deactivator

A magnetic detacher unit releases hard tags without damage to garments. It must be secured to a counter. The RF Deactivator is where labels are passed over the plate at the cash desk to deactivate them.

928-0866 **MRELSTDSURF** Detacher, standard strength

928-0867 **RFDEACDUOPC** Adhesive label deactivator with dual outputs, includes a control unit (for controlling 2 pads) and a deactivator pad

928-0868 **RFDEACCONBX** Adhesive label deactivator control unit

928-0869 **RFDEAC00PAD** Extra deactivator pad for an adhesive label deactivator control unit (supplied with 900cm of cable)

927-1423 **RDDEACWAND2** Deactivator wand, requires control unit

934-0001 **RFLABELDESE** Label Scanner/Deactivator unit



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Ingersoll Rand Securing Your World . . .

A leading global provider of products and services that make environments safe, secure and productive, our market-leading products include electronic and biometric access control systems; time and attendance and personnel scheduling systems; mechanical locks and portable security; door closers and exit devices; steel and automatic doors; architectural hardware; and other technologies and services for global security markets.

You will find Ingersoll Rand products throughout this brochure, just follow the bookmarks below:



Briton Cobra Electronic Lock

The Cobra range includes the King Cobra electronic digital lock. This lock can have 120 users gaining access either by PIN number or by iButton tag. This programmable unit also offers passage function, lock-out code, one shot codes and supervised access.

For more information see page 8

Stand Alone Access Control



Briton Digital Lock

Digital deadlocking mortice latch ideal for offices, workshops and store rooms which require restricted, but convenient access. Single user code with over 8000 combinations

For more information see page 9

Stand Alone Access Control



CISA Wavemode Hotel Lock

By combining different modular elements and product configurations, the simple and easy to use Wavemode hotel lock enables you to create a lock to suit the precise design, budget and level of security required.

For more information see pages 95 & 122

Hotel Locking Systems



HandKey Hand Geometry Reader

This unit made its name from reliability and robust operation in environments where other biometric devices often fail. The unit offers a level of recognition that can cope with harsh working environments.

For more information see page 97

Biometrics



FingerKey Biometric Reader

Compact in size and easy to use, the FingerKey is the ideal biometric to use for integrating into existing access control systems.

For more information see page 97

Biometrics



Briton Electric Strikes

A comprehensive range of electric strikes to suit most rim locks and mortice latch/sash locks. Features include up to 1000kg side force resistance, 4mm lateral jaw adjustment as standard on G range.

For more information see page 113

Electric Releases, Keeps & Strikes



Briton Door Closers

A range of door closers to suit a wide variety of interiors, locations and budgets, including the favoured Briton 2003 and the Briton 996 electromagnetic door closer.

For more information see page 124

Door Closers & Operators



Briton Low Energy Operator

This unit provides low cost automation of new and existing swing doors. It is an ideal solution for all styles of buildings where easy access is provided whilst retaining the building's architecture.

For more information see page 125

Door Closers & Operators



Briton Exit Hardware

A range of push bars and touch bars all tested to EN1125 and fully CE marked, including a microswitched exit touchbar for use on exit doors where fail unlocked electric locking is used as part of an escape route.

For more information see page 127

Exit Hardware



T.P.S. (LOCKEY)



BRITON COBRA



BRITON KING COBRA



IR NARROW STYLE COBRA

MECHANICAL KEYPADS

Code

Trade

BRITON (1 Year Warranty)

Single code, full mechanical solution with all parts and fixings included. 14 digit keypad allows over 8000 possible codes. Suitable to fit doors 37 - 65mm thick, integral tubular latch mechanism with 60mm backset, available with hold open facility (9155 model). Polished brass and silver finish options.

Mechanical digital combination locks, 4-7 digit code

901-0175	9150-PB	Digital deadlocking mortice latch - polished brass finish
901-0176	9150-SV	Digital deadlocking mortice latch - silver finish
901-0177	9155-PB	Digital deadlocking mortice latch with hold open - polished brass finish
901-0178	9155-SV	Digital deadlocking mortice latch with hold open - silver finish

SIMPLEX / UNICAN (1 Year Warranty)

7000 Series

901-0113	7004SC	Mechanical lock, 5 button low to medium duty, mortice latch, satin chrome finish
901-0112	7004PB	Mechanical lock, 5 button low to medium duty, mortice latch, polished brass finish
901-0111	7006SC	Mechanical lock, 5 button low to medium duty, rim latch, satin chrome finish
901-0110	7006BK	Mechanical lock, 5 button low to medium duty, rim latch, black finish

200 Series

901-0119	NL200SC	Mechanical lock, 5 button, medium duty, rim mounted latch, satin chrome finish
901-0118	NLM200SC	Mechanical lock, as above with key by pass

1000 Series

901-0117	1000-1SC	Mechanical lock, 5 button heavy duty, mortice latch, satin chrome finish
901-0116	1000-1PB	Mechanical lock, 5 button heavy duty, mortice latch, polished brass finish
901-0115	1000-2SC	Mechanical lock, 5 button heavy duty, mortice latch, inc. key by pass satin chrome finish
901-0114	1000-2PB	Mechanical lock, 5 button heavy duty, mortice latch, inc. key by pass, polished brass finish



UNICAN 200, 7000 & 1000 Series

T.P.S.(LOCKEY) (1 Year Warranty) (Mechanical digital combination locks, 3-7 digit code)

901-0123	2430SC	Mortice latch bolt, with anti thrust pin and internal handle (Satin Chrome)
901-0124	2435SC	Mortice latch bolt, with anti thrust pin, internal handle & hold back facility (Satin Chrome)
901-0127	2435KDSC	Mortice latch bolt, with anti thrust pin, internal handle & key by pass facility, keyed to differ (Satin Chrome)
901-0158	2430/10DSSC	Mortice latch bolt, keypad both sides (back to back) (Satin Chrome)
901-0122	1150RSC	Mortice latch bolt, Internal & external full length handle, RIGHT HANDED, inc. passage function (Satin Chrome)
901-0121	1150LSC	As above, LEFT HANDED (Satin Chrome)
901-0160	B8235	Mortice latch bolt, large internal & external easy grip knobs, double digit code ie 223344 & hold back facility, 60mm backset (Satin Chrome)
901-0171	7055	As the B8235 but with reversible full length lever handles (Satin Chrome)
901-0172	2325DX-SC	Mortice latch, holdback, easy grip knobs, superb brush finish to do justice to the best surroundings (Satin Chrome). Also available in Antique Copper & Antique Brass

BATTERY OPERATED DIGITAL CODELOCKS

Ingersoll Rand Security Technologies – Cobra (1 Year Warranty)

A family of multi code electro-mechanical heavy duty locks for use where more than one access code and basic programming controls are required. The range includes Cobra - digital code, King Cobra - digital code or iButton token, Narrow Style King Cobra - as the King Cobra but for use on narrow style doors. All parts and fixings included. Architecturally designed, battery powered - 4 x AA batteries (Cobra & King Cobra), 4 x AAA batteries (Narrow Style) providing 80,000 user operations, ideal for new or retro fit applications.

901-0179	9220-17-SC	Cobra battery powered digital codelock, 100 user codes, 70mm backset - satin chrome finish. 183x85x46mm
901-0181	9250-17-RSD-SC	King Cobra battery powered digital/iButton codelock, 119 users, 70mm backset, Euro profile (cylinder not supplied) - satin chrome finish, 183x85x44mm
927-1359	ESC40	Euro single 40mm six pin security cylinder
901-0183	9230-RSD-SC	Narrow Style King Cobra battery powered digital/iButton codelock, lever access, 119 users, satin chrome finish, 356x49x43mm

Note; different finishes are available: SC-satin chrome, PB-polished brass, SB-satin brass, PC-polished chrome, OB-oil rubbed bronze

For more information about our products, please call +353 (0) 1450 1366

Certain items on this page may incur a delivery charge





VCODE100 Keypad

- Surface mounted vandal resistant metal cast body
- Stand alarm
- 100 programmable operation codes (50 codes per relay)
- Weather resistant to IP65
- Potted electronics and pre-cabled (3 metres)
- Free input voltage (12-24VAC or 12-48VDC)
- 2 relay outputs (NO and NC 5 Amp) (watch optional)
- Fully programmable via the keypad
- Free entry option

The VCODE100 is ideally suited to those installations that require simple and functional access control solutions. The keypad design complements domestic and commercial properties, as well as modern apartment blocks and office complexes.

To find out more about the full range from Vantage please visit www.vantage.co.uk

The Vantage VCODE 100 is an ergonomically designed vandal and weather resistant keypad. With its striking blue/silver illuminated keypad it clearly stands out from the crowd.

www.vantage.eu.com



BATTERY OPERATED DIGITAL CODELOCKS (continued)

Code

Trade

BEWATOR (3 Year Warranty)

The new Bewator Euro Codoor is a battery operated Codelock designed for Euro Standard lock cases. The Euro Codoor is available in two versions - a codelock version and a fingerprint version offering up to 32 different fingerprint templates and four 4-digit codes

NEW	901-0202	CD4000 Euro Codoor. Battery operated Codelock that fits directly onto a door and is suitable for use where a door handle is required to lock the door
NEW	901-0203	FP4000 Fingerprint Euro Codoor. As above with an integral fingerprint reader
NEW	927-2398	CD4000-LOCKSET Euro Codoor Lock Set. Comprises of 1 x 19mm return to door Stainless Steel handle, 1 x 10mm Stainless Steel blanking plate, 2 x 110mm screws, 1 x Union Sashlock case & 1 x 71mm Euro double cylinder with 3 x keys
NEW	927-2399	CD4000-HANDLESET Euro Codoor Handle Set. Comprises of 1 x 19mm return to door Stainless Steel handle, 1 x 110mm Stainless Steel blanking plate & 2 x 110mm screws

STAND ALONE KEYPADS

VANTAGE (3 Year Warranty)

902-0173	VCODE100 Surface mount, external (IP65) keypad, 100 user codes (50 codes per relay) 3, 4 or 5 digit codes, 2 outputs, 12-24V AC or 12-48V dc. Supplied with 3 metres of cable.
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ACT (ACCESS CONTROL TECHNOLOGY) (3 Year Warranty)

All ACT Stand Alone Keypads are suitable for indoor and outdoor use and will accept 12 to 24 volts AC/dc.

902-0135	ACT5 Flush or Surface polycarbonate housing, 10 codes, 5 amp relay & push to exit facility, potted electronics, IP67
902-0015	ACT10 Surface zinc diecast housing, backlit, 10 codes, 2 user groups, interlock, toggle mode, 2x 5 amp relays, 2 electronic outputs and 3 electronic inputs, IP55
927-0161	ACT10WS Stainless Steel weather shield for ACT10
927-0660	ACT10FK Stainless Steel flush mount kit for ACT10

For a suitable transistorised relay for third and fourth outputs, please refer to the ACT section on page 53

BEWATOR (3 Year Warranty)

902-0010	K42 Surface mount, heavy duty Stainless Steel back lit keypad, 2 user codes (4 digits), 1 output, 12-24V dc or 18-24V AC, internal or external use
902-0016	K44DUO Surface mount, heavy duty Stainless Steel back lit keypad, 4 user codes, expandable to 30 user codes in advanced mode, 2x relay outputs, 12-24V dc or 18-24V AC, internal or external use
902-0136	K12 Surface mount, heavy duty Stainless Steel back lit keypad, up to 30 user codes, alarm control/bypass function, 12-24V dc or 18-24V AC, internal or external use
926-0010	BB3 Flush mounting kit for all Bewator Codelock products
927-0287	IS-391 Spy proof cover for all Bewator Codelock products
927-0689	SH2 Rain hood for all Bewator Codelock products
902-0054	BewatorKIT1 K42 Codelock, TA12DCR power supply & MK-814 exit button
902-0056	BewatorKIT2 K42 Codelock, TA12DCR power supply & release (fail secure)
902-0057	BewatorKIT3 K42 Codelock, TA12DCR power supply & release (fail safe)



ACT10 & ACT10 + ACT10FK



BEWATOR K42

Note: The above are a range of standard complete boxed kits offering considerable savings from the normal list price

B.S.B. PROGENY (5 Year Warranty)

A range of keypads with the control electronics built-in. All have 100 codes of 4 to 6 digits, and two independent channels (50 codes per channel). Includes door monitoring, request to exit inputs and alarm outputs.

- 902-0025 **2059** Surface only, internal/external membrane keypad
 902-0052 **2064** As 2059, external with vandal resistant keypad.
 (includes back lit keyboard and requires a mounting box)
 905-0018 **2067** Surface only internal spyproof keypad
 909-0036 **2131** Flush box for 2064
 927-0204 **2132** Surface box for 2064



B.S.B.

C.D.V. Keypads



PROMI-ECO

C2RS

CAS

CAA

CBB

KCIE

PROFILE100

C.D.V. (UK) Ltd (5 Year Warranty)

- 902-0157 **PROMI-ECO** Surface mount, ABS keypad, 100 user codes, 5 digit code, IP54, 1 output, LED and audible status, 12V AC/dc, 143 x 78 x 28mm
 902-0088 **C2RS** Surface mount, external narrow (62mm wide), S/S keypad with fluorescent rubber keys, 8 user codes, 5 digit code, IP61
 2 outputs, 12V AC/dc, 114 x 62 x 37mm
 902-0089 **CAS** Surface mount, external aluminium keypad, 50 user codes, 5 digit code, IP54, 2 outputs, 12V AC/dc, 107 x 87 x 50mm
 902-0090 **CAA** Flush mount, external Marine grade S/S keypad, 100 user codes, buttons also include BRAILLE, 4-5 digit code, IP63, 2 outputs,
 12 or 24V AC/dc, 120 x 105 x 45mm
 902-0091 **CBB** Surface mount, external Marine grade S/S keypad, 100 user codes, buttons also include BRAILLE, 4-5 digit code, IP63, 2 outputs,
 12 or 24V AC/dc, 125 x 105 x 65mm
 902-0184 **KCIEN** Surface mount slim, back-lit, external S/S keypad, 100 user codes, 4-5 digit code, IP63, 1 output, 12 or 24V AC/dc, 140 x 86 x 20mm

Keypads with separate electronics

- 902-0154 **GALEO** Stylish back-lit keypad, rugged construction, IP67, 100 user codes, 4-5 digits, IP67, 1 output,
 12-48V AC/dc, 110 x 75 x 15mm
 902-0164 **GALEO-2R** As above, 2 outputs
 902-0163 **GALEO-3R** As above, 3 outputs
 902-0185 **KCIN** Surface mount slim, external S/S keypad, 100 user codes, 4-5 digit code, IP63, 1 output, 12 or
 24V AC/dc, supplied with 5m of cable & with electronics in a small ABS plastic housing, 110 x 86 x 15mm
 902-0186 **PROFILE100EC** Surface mount, back-lit, narrow style external S/S keypad, 100 codes, 4-5 digit code,
 IP63, 3 outputs, 12 or 24V AC/dc, supplied with 5m of cable & with electronics in a small
 ABS plastic housing, 165 x 43 x 28mm



CDV KEYPADS

Wiegand 26-Bit Keypad

- 902-0187 **GALEO-W** Stylish back-lit keypad, rugged construction, IP67, Wiegand 26-Bit output, 12-48V AC/dc,
 110 x 75 x 15mm

PAXTON TOUCHLOCK (5 Year Warranty)

TOUCHLOCK compact keypads, 50 codes, 4-8 digits, 2 outputs and are supplied with 3m of cable

- 902-0139 **331-210** TOUCHLOCK K38 compact keypad
 902-0140 **351-210** TOUCHLOCK K50 compact keypad
 902-0141 **371-210** TOUCHLOCK K75 compact keypad
 902-0177 **371-220** TOUCHLOCK K75 compact keypad, screw connector
 902-0142 **332-210** TOUCHLOCK K38 Stainless Steel compact keypad
 902-0143 **352-210** TOUCHLOCK K50 Stainless Steel compact keypad
 902-0144 **372-210** TOUCHLOCK K75 Stainless Steel compact keypad
 902-0183 **372-220** TOUCHLOCK K75 Stainless Steel compact keypad,
 screw connector



331-210 TOUCHLOCK KEYPAD

- K series devices - 38, 50 & 75**
- The number reference refers to the width of the device, 38mm, 50mm & 75mm
 - They come with 2 fascias, black and white so customers can choose the device colour
 - Low profile - less than 16mm deep
 - IP rated so suitable for internal or external use
 - Supplied with 5m of cable
 - Easy to fit

VIDEX (1 Year Warranty)

- 902-0046 **VX800NF (21PF)** Flush mount, 14 gauge Stainless Steel keypad, 2 user codes 4 to 8 digits, 2 outputs, 12/24V AC/dc
 902-0047 **VX800NS (21PS)** As above, surface mounted, 12/24V AC/dc

Note: More Videx keypads are available on page 46

For more information about our products, please call +353 (0) 1450 1366



Locking Solutions

WATERPROOF KEYPADS

- No moving parts - solid state Piezo technology
- Waterproof (IP68 certificated) - Rain, soft drinks, body fluids, chemical agents
- Weatherproof -40°F to +257°F
- Solid metal housing - one piece construction
- Up to 200 users codes - 100 million combinations 4 to 8 digit codes

WATERPROOF EXIT SWITCHES

- No moving parts - solid state Piezo technology
- Sealed push switch - IP68 certificated
- All switches - vandal and tamper resistant
- Switch activation time - one shot 120m sec.
- Activation force - 3-5 Newtons
- These items can be found on page 127 of this product guide

For more information
on our complete
range call today...



First Choice Solutions®

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F 01202 680101
E info@iecltd.co.uk
W www.iecltd.co.uk

STAND ALONE KEYPADS (continued)

Code

Trade

IEC (5 year warranty)

A range of keypads from IEC offer no moving parts through a wear resistant pressure sensitive anodised keypad. Externally rated to IP68. Narrow style design (181x44.5x21mm LxWxD), 200 user codes (4-8 digits), 12V AC/dc & 24V dc operation, 1 x lock output rated @ 2Amp 24V dc

902-0095 **AS-626S-200** Surface mount narrow style external pressure sensitive keypad

902-0096 **AS-626M-200** Mortice mount (flush) external pressure sensitive keypad

Keypads with separate control electronics

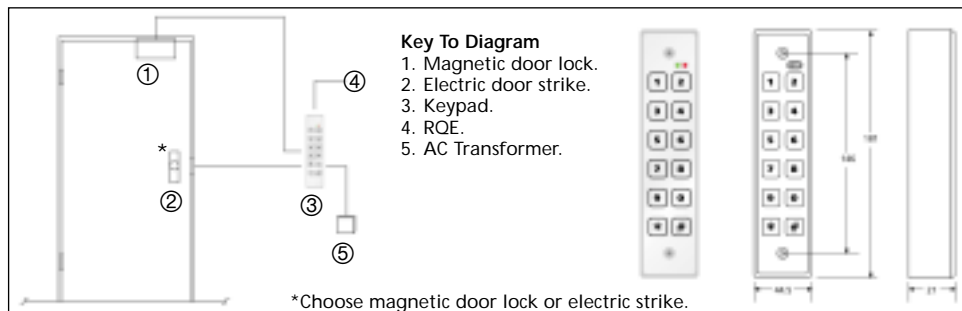
902-0097 **AS-826S-200** Surface mount pressure sensitive keypad with separate electronics in a small ABS plastic housing

902-0098 **AS-826M-200** Mortice mount (flush) pressure sensitive keypad with separate electronics in a small ABS plastic housing

Wiegand Keypads and Proximity Units

905-0052 **AS-626S121N** Surface, narrow style ext, pressure sensitive keypad. - 26 Bit Wiegand - Requires compatible controller

908-0052 **AS-834S121N-HID** Surface, ext, pressure sensitive keypad (26 bit) & HID Prox Wiegand - Requires compatible controller





storm

AXS Strike Master
Secure, self-contained keypad and controller for electrically-operated locks and strikes

- Tough, weather-resistant & vandal-resistant construction
- Up to 50 PIN codes (4, 5 or 6 digit)

- One or two door control
- Anti-tamper, forced-door & duress alarm functions
- Quick & easy to install

storm

Code Master
Wiegand compatible version

storm

Interface

The Secure Alternative

Storm Interface

14 Bentinck Court, Bentinck Road

West Drayton, Middlesex UB7 7RQ UK

Tel: +44 (0)1895 431421 Fax: +44 (0)1895 431132

Email: sales@storm-interface.com

www.storm-interface.com

STAND ALONE KEYPADS (continued)

Code

Trade

STORM (1 Year Warranty)

The DR2KT201 is a robust keypad designed for internal or external use (IP65), offering the flexibility of 50 codes of 4, 5 or 6 digits which can give timed release or latching operation. It also features a timed lockout for incorrect code attempts and a hidden code feature. Compatible with the STORM Privacy Shroud.

902-0034 **DR2KT201** Single door keypad, 50 codes. Black high impact polymer case and keys

STORM AXS - Stand Alone Access Control Keypads

The STORM range of keypads offer unrivalled performance, highly resistant to attack from vandals or environment (IP65). Offering the flexibility of 50 codes of 4, 5 or 6 digits which can give timed release or latching operation. Able to control 1 or 2 doors, if used to control a single door the keypads can support door monitoring, user duress output and anti tamper alarm output. Keypads also feature a timed lockout for incorrect code attempts and a hidden code feature. Compatible with STORM Privacy Shroud.

902-0022 **DE1KT101** AXS StrikeMaster, Anti Vandal Keypad, 50 Codes, alarm outputs, door monitoring, duress feature. All metal construction.

902-0031 **DEPLXT201** AXS StrikeMaster, Vandal Resistant Keypad, 50 Codes, alarm outputs, door monitoring, duress feature. Black high impact polymer case with metal keys.

902-0023 **DE2KT101** AXS StrikeMaster, General Service Keypad, 50 Codes, alarm outputs, door monitoring, duress feature. Grey high impact polymer case and keys.

STORM AXS - CodeMaster Wiegand Output Keypad

The Storm WE1KT101 keypad offers either 26 bit or 32 bit Wiegand output. It is IP65 rated and operates on either 5V or 12V dc. This keypad is to be used in access control systems that support Wiegand protocols.

905-0013 **WE1KT101** CodeMaster Anti Vandal Keypad, IP65 - 26/32 bit Wiegand. All metal construction

902-0065 **WEPLXT201** CodeMaster Vandal Resistant Keypad, IP65 - 26/32 bit Wiegand, Black high impact polymer case with metal keys

STORM Accessories

927-0293 **1KFS0201** Privacy shroud to provide greater security for STORM AXS keypads

For more information about our products, please call +353 (0) 1450 1366

Certain items on this page may incur a delivery charge



STAND ALONE MAG SWIPE READER/CONTROLLERS

Code

Trade

BEWATOR (3 Year Warranty)

903-0011	BC402 Magnetic Stripe Cardreader, maximum 200 card memory. Must use IB1 cards and IB402 shadow cards Note, requires IB402 shadow card pack for each system
903-0007	BewatorKIT7 BC402 Cardreader, TA12DCR power supply, IB402 card pack & 50 x IB1 cards
908-0024	BC615 Magnetic Stripe Cardreader with keypad, maximum 1000 card memory, 15 combined time zones, up to 8 readers can be networked using CR-1 interfaces and Bewator Entro software
912-0037	CR-1 Reader Interface for BC615 & BC615PROX Cardreaders for networking with Bewator Entro (one required per reader, up to a maximum of 8)
926-0016	IB1 Magnetic Stripe Card. Factory encoded, supplied sequentially
926-0028	IB402 Master card 200 shadow card pack for BC402 (use standard IB1 or CR80M cards for user cards only)

PAXTON ACCESS (5 Year Warranty)

907-0010	945-803SC CARDLOCK compact card reader, satin chrome, 10,000 users, 3 zones
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The above unit is also available in a black finish at an additional charge. CARDLOCK compact readers are supplied with 3m of cable

926-0022	850-010 CARDLOCK Mag swipe, 10 card starter pack, (contains all Green user cards)
926-0023	850-050 CARDLOCK Mag swipe, 50 card starter pack, (contains all Green user cards)
926-0024	850-100 CARDLOCK Mag swipe, 100 card starter pack, (contains all Green user cards)
926-0064	877-012 Function card pack - for use with CARDLOCK systems
926-0048	875-001G CARDLOCK Mag swipe user card, Green
926-0078	875-001A CARDLOCK Mag swipe user card, Amber
926-0077	875-001R CARDLOCK Mag swipe user card, Red



PAXTON ACCESS 945-803SC

STAND ALONE PROXIMITY READER/CONTROLLERS

ACT (ACCESS CONTROL TECHNOLOGY) (3 Year Warranty)



ACTSmart2 1080 + 1070

ACTSmart2

- 1000 users
- Proximity, PIN & Proximity and PIN only versions
- Master/slave operation up to 8 doors
- Rugged polycarbonate housing with Stainless Steel keys
- Indoor or outdoor IP67
- Surface or flush mount
- Simple addition and deletion of cards or PINs
- 5 Amp lock output
- 2 programmable inputs/outputs
- Push to release input
- Access control, interlock, door monitoring and toggle mode
- Tamper output

The ACTsmart2 stand alone proximity and digital keypad range consists of three different reader units, proximity only, PIN & proximity and PIN only. The readers have 1,000 users, operate on 12 to 24V AC/dc* and have a 5 Amp door relay output with a push to release input and two additional programmable input/output terminals. The units have a hidden security screw and tamper output. The "Master/Slave" mode facilitates the programming and administration of up to 8 doors from one device.

*Please note when the electronic input/outputs or the Master/Slave mode is used a dc supply is required.

"Stand alone" ACTsmart2 reader range with ACT RFID

ACTSmart2

909-0262	ACTsmart2-1070 Proximity reader, surface/flush mount, Master/Slave Networkable, 1,000 users, indoor/outdoor IP67
908-0036	ACTsmart2-1080 PIN & Proximity reader, surface/flush mount, Master/Slave Networkable, 1,000 users, indoor/outdoor IP67
905-0042	ACTsmart2-1090 PIN Only reader, surface/flush mount, Master/Slave Networkable, 1,000 users, indoor/outdoor IP67

Cards & Fobs

926-0696	ACTProx HS-B ACT Prox Card 11 (Half shell proximity card) Pack of 10
926-0697	ACTProx ISO-B ACT ISO proximity card. Fully printable for photo ID etc. Pack of 10
926-0698	ACTProx Duo-B ACT Duo Prox Card (Proximity and Magstripe) Pack of 10
926-0699	ACTProx Fob-B ACT Proximity key fob. Pack of 10

ACTProx cards & fobs are compatible with ACTpro-X and ACTsmart2 proximity reader range



CDV DG-PROX-kit



PAC INTERNATIONAL KeyPAC SOLO

KeyPac Solo

- Up to 2000 users
- 200mm reading range
- Tamper protected
- Door monitoring
- Easy to install
- Simple to use
- Proximity technology
- Five year guarantee



PAXTON 353-210

STAND ALONE PROXIMITY READER/CONTROLLERS (continued)

Code

Trade

C.D.V. (UK) Ltd (5 Year Warranty)

- 904-0032 **DG-PROX-kit** One door proximity reader/controller, kit includes; reader/controller, keypad, 10 x fobs, 1 x 12V AC transformer & 1 x fail secure release, mortice & rim fixing
- 904-0033 **DG-PROX** One door proximity reader/controller, fob only or fob-plus-PIN, 500 user tags & PIN codes, Operating voltage 12V AC or dc, 2 output relays, N.O & N.C contact 3A/125V (a 12V AC or dc 1 Amp PSU is required)
- 909-0095 **DGLP** External auxiliary polycarbonate proximity reader (black), IP67, 103 x 80 x 18mm
- 909-0096 **DGLI** Auxiliary Stainless Steel proximity reader (reduced read range), IP67, 98 x 78 x 18mm

Note: Maximum distance between auxiliary reader & main reader is 50M using 8 core intruder alarm cable.

Cards & Fobs

- 926-0142 **CPE** Standard Clamshell Proximity card (with slot) (read range of up to 20cm for cards at optimum performance)
- 926-0143 **CPC** ISO standard printable proximity card (read range of up to 20cm for cards at optimum performance)
- 926-0144 **BP-PG** Proximity grey key fob (read range of up to 15cm for fobs at optimum performance)
- 926-0678 **PP** "Teardrop" style black proximity key fob
- 927-0734 **M-PROX** Analogue watch with a built in proximity tag (read range of up to 10cm for fobs at optimum performance)

PAC INTERNATIONAL KeyPAC SOLO (5 Year Warranty)

KeyPAC Solo comes with 2 programming cards, 10 ID devices in a special wallet which also includes a shadow delete card for every user card/token. Adding and deleting cards is done by presenting a programming card to the reader. Dual LED's and a built-in sounder give feedback during editing and normal usage.

- 904-0015 **21325** KeyPAC SOLO STANDARD BLACK reader/controller up to 2,000 users, includes 10 CARDS & 2 master cards (200mm read range)
- 904-0016 **21327** KeyPAC as above in WHITE
- 904-0017 **21326** KeyPAC SOLO STANDARD BLACK reader/controller up to 2,000 users, includes 10 TOKENS & 2 master cards (200mm read range)
- 904-0018 **21328** KeyPAC as above in WHITE
- 904-0019 **21581** KeyPAC SOLO UNIVERSAL BLACK reader/controller up to 2,000 users, includes 10 TOKENS & 2 master cards (200mm read range)
- 904-0020 **21582** KeyPAC as above in WHITE
- 904-0021 **21583** KeyPAC SOLO UNIVERSAL BLACK reader/controller up to 2,000 users, includes 10 CARDS & 2 master cards (200mm read range)
- 904-0022 **21584** KeyPAC as above in WHITE
- 904-0023 **21585** KeyPAC SOLO VANDAL RESISTANT reader/controller, up to 2,000 users, complete with 10 TOKENS & 2 master cards (200mm read range)
- 904-0024 **21586** KeyPAC SOLO as above with 10 CARDS & 2 master cards

The read ranges quoted are at optimum performance. All of the above KeyPAC SOLO products require a 12V dc 1 Amp PSU.

KeyPAC ID Devices (Life Time Warranty)

- 926-0354 **20019** KeyPAC Wallet complete with 10 proximity tokens & 10 shadow cards
- 926-0355 **20018** KeyPAC Wallet complete with 10 proximity cards & 10 shadow cards
- 926-0081 **21030/5** KeyPAC master card set (1 master card)

PAXTON ACCESS (5 Year Warranty)

- 904-0037 **326-735** PROXIMITY vandal proof reader (read range of up to 70mm cards, 55mm fobs & 25mm Watchprox)
- 909-0280 **333-210** PROXIMITY P38 compact reader
- 909-0281 **353-210** PROXIMITY P50 compact reader
- 909-0282 **373-210** PROXIMITY P75 compact reader

All PROXIMITY compact stand alone readers are supplied with 3m of cable

P series devices - 38, 50 & 75

- The number reference refers to the width of the device, 38mm, 50mm & 75mm
- They come with 2 fascias, black and white so customers can choose the device colour
- Low profile - less than 16mm deep
- IP rated so suitable for internal or external use.
- Read range up to 100mm with cards and ISO cards (P & KP only)
- Easy to fit

Proximity cards & keyfobs for use with Proximity systems

- 926-0386 **820-010G** PROXIMITY 10 keyfob pack Green
- 926-0398 **830-010G** PROXIMITY 10 card pack Green



AUDIO DOOR ENTRY**DA Surface kits**913-0317 **DA-1AS** 1 way kit, inc 1 button surface panel, 1 x Audio Handset & PSU913-0318 **DA-2AS** As above 2 way913-0319 **DA-3AS** As above 3 way

The above kits are also available in Stainless Steel with the option of a keypad or proximity reader

Vandal Resistant VC Audio flush kits (Larger kits are available, also with keypad and proximity reader options)914-0117 **VCAFS-1** V/R flush kit 1 way, inc Stainless Steel flush panel, phone, PSU & mortice/rim release914-0553 **VCAFS-2** As above 2 way914-0554 **VCAFS-3** As above 3 way**Vandal Resistant VC Audio surface kits** (Larger kits are available, also with keypad and proximity reader options)913-0138 **VCASS-1** V/R surface kit 1 way, inc Stainless Steel surface panel, phone, PSU & mortice/rim release913-0139 **VCASS-2** As above 2 way913-0564 **VCASS-3** As above 3 way**Accessories**915-0232 **VC-K** Apartment audio handset922-0042 **VC-AC/DC** PSU, 12V dc 800mA & 12V AC 1.5 Amp (includes 40781)**Aiphone TWO-Wire BUS Apartment System.**

The GF system features a simple 2-wire BUS connection to all room stations throughout the system, enabling simple and quick set-up. The entrance panel is vandal resistant diecast zinc with call buttons. Fully modular design with speech module and call switch module. The GF audio system is the ideal communication solution for new and existing apartment applications.

GF Audio Flush kits914-0203 **GF-1A/F/KIT** 1 way GF kit, inc 1 button panel, controller, PSU & handset914-0204 **GF-2A/F/KIT** As Above 2 way914-0205 **GF-4A/F/KIT** As Above 4 way

Kits are available from 1 way to 50 way

Video FLUSH 4 Wire BUS Analogue Entry kits (Monochrome)917-0130 **GF-5V/F/KIT** 5 Way GF Video Kit, inc Flush Door Station, relevant number of monitor's, PSU's, video & audio BUS controllers917-0131 **GF-6V/F/KIT** As above 6 Way917-0132 **GF-7V/F/KIT** As above 7 Way

The above kits are also available in Stainless Steel with Keypad or Proximity from 1 to 50 way

Video SURFACE 4 Wire BUS Analogue Entry kits (Monochrome)916-0158 **GF-5V/SHB/KIT** 5 Way GF Video Kit, inc Surface Door Station, relevant number of monitor's, PSU's, video & audio BUS controllers916-0159 **GF-6V/SHB/KIT** As above 6 Way916-0160 **GF-7V/SHB/KIT** As above 7 Way

The above kits are also available in Stainless Steel with Keypad or Proximity from 1 to 50 way

2 Wire BUS Digital Audio Entry914-0257 **GF-ADGF/KIT** 1 Way Digital Audio Kit, inc 1x FLUSH door station, 1 x audio handset, BUS controller & PSU's913-0321 **GF-ADGS/KIT** 1 Way Digital Audio Kit, inc 1x SURFACE door station, 1 x audio handset, BUS controller & PSU's915-0559 **GF-ADGF** Additional Digital Audio Door Station - FLUSH (24V dc PSU required)915-0560 **GF-ADGS** Additional Digital Audio Door Station - SURFACE (24V dc PSU required)915-0561 **GF-1D** Audio Handset922-0047 **PS-24N** 24V dc Power Supply

For larger systems please add relevant number of room stations required & for additional doorstations add correct type required (max 5). The above kits are also available in Stainless Steel with a Keypad or Proximity reader.

4 Wire BUS Digital Video Entry917-0146 **GF-DVF/KIT** 1 Way Digital Video Kit, inc 1 x FLUSH Door Station, 1 x Video Handset, BUS Control & PSU's916-0174 **GF-DVS/KIT** 1 Way Digital Video Kit, inc 1 x SURFACE Door Station, 1 x Video Handset, BUS Control & PSU's918-0194 **GF-VDGF** Additional Digital Video Door Station - FLUSH (24V dc PSU required)918-0195 **GF-VDGS** Additional Digital Video Door Station - SURFACE (24V dc PSU required)915-0562 **GF-1MD** Additional Video Room station915-0563 **GF-4Z** 4 Way Video Distribution Unit922-0047 **PS-24N** 24V dc Power Supply

For larger systems please add relevant number of room stations required (maximum of 250 on Video systems) & for additional doorstations add correct type required (max 5). The above kits are also available in Stainless Steel with a Keypad or Proximity reader.

CABLE SPECIFICATION for GF 2 & 4 Wire BUS systems (See page 19 for Wiring Diagram)**Audio**

Maximum distance between the BUS controller & the audio phone is 300m using C2-CABLE-PE cable (928-0568)

Maximum distance between the BUS controller & the audio door panel is 300m using C2-CABLE-PE cable (928-0568)

Video

Maximum distance between the BUS controller & the video monitor phone is 150m using C4-CABLE-PE cable (928-1058).

This can be extended by using another BUS controller.

Maximum distance between the BUS controller & the video door panel is 100m using C4-CABLE-PE cable (928-1058).

CAT5e cable can be used - contact Technical Sales Support for details

Failure to use the correct cable will result in poor picture quality, and will void any warranty applicable

All GF Video/Audio/Analogue & Digital systems are fully compatible with each other



GF SERIES



GF SERIES

GH Series Digital Colour Video Entry

Aiphone GH 2-Wire (audio) and 4-Wire (video) BUS apartment system offers audio, monochrome and colour video and up to 16 entrances with up to 500 apartment stations.
The GH apartment system features a simple 2-wire or 4-wire BUS connection to all room stations throughout, enabling simple and quick set-up. The entrance panel is vandal resistant diecast zinc with call buttons in a fully modular design with speech module and call switch module. The GH audio system is the ideal communication solution for new and existing apartment applications.

All of the following kits are available in Stainless Steel with the option of a keypad or proximity reader. Other kit sizes are available.

GH Analogue Audio Flush kits

- NEW** 914-1095 **GH-1A/F/KIT** 1 way GH kit, including 1 button panel, controller, PSU and handsfree apartment station
- NEW** 914-1096 **GH-2A/F/KIT** As above - 2 way
- NEW** 914-1097 **GH-4A/F/KIT** As above - 4 way

GH Analogue Audio Surface kits

- NEW** 913-1075 **GH-1A/S/KIT** 1 way GH kit, including 1 button panel, controller, PSU and handsfree apartment station
- NEW** 913-1076 **GH-2A/S/KIT** As above - 2 way
- NEW** 913-1077 **GH-4A/S/KIT** As above - 4 way

GH Analogue Video Flush kits (colour)

- NEW** 917-0778 **GH-1V/F/KIT/COLOUR** 1 way GH kit, including 1 button panel, controllers, PSU and handsfree apartment station
- NEW** 917-0779 **GH-2V/F/KIT/COLOUR** As above - 2 way
- NEW** 917-0780 **GH-4V/F/KIT/COLOUR** As above - 4 way

GH Analogue Video Surface kits (colour)

- NEW** 916-0648 **GH-1V/S/KIT/COLOUR** 1 way GH kit, including 1 button panel, controllers, PSU and handsfree apartment station
- NEW** 916-0649 **GH-2V/S/KIT/COLOUR** As above - 2 way
- NEW** 916-0650 **GH-4V/S/KIT/COLOUR** As above - 4 way

GH Digital Kits

- NEW** 914-1104 **GH-ADGF/KIT** 1 Way Digital Audio Kit, inc 1 x FLUSH Door Station, 1 x audio handsfree apartment station, BUS controller & PSU's
- NEW** 913-1083 **GH-ADGS/KIT** 1 Way Digital Audio Kit, inc 1x SURFACE Door Station, 1 x audio handsfree apartment station, BUS controller & PSU's
- NEW** 914-1105 **GH-VDGF/KIT/COLOUR** 1 Way Digital Video Kit, inc 1 x FLUSH Door Station, 1 x handsfree colour video apartment station, BUS controllers & PSU's
- NEW** 913-1084 **GH-VDGS/KIT/COLOUR** 2 Way Digital Video Kit, inc 1 x SURFACE Door Station, 1 x handsfree colour video apartment station, BUS controllers & PSU's

For larger systems please add relevant number of room stations required (max 500) and for additional doorstations add correct type required (max 16).

Systems above 5 doorstations OR 48 apartment stations require additional parts. Contact Technical Sales Support for details. The above kits are also available in Stainless Steel with keypad or proximity reader.

GH additional digital doorstations and component parts

- NEW** 915-1626 **GH-ADGF** Additional Digital Audio Door Station - FLUSH (24V dc PSU required)
- NEW** 915-1627 **GH-ADGS** Additional Digital Audio Door Station - SURFACE (24V dc PSU required)
- NEW** 915-1628 **GH-VDGF** Additional Digital Video Door Station - FLUSH (24V dc PSU required)
- NEW** 915-1629 **GH-VDGS** Additional Digital Video Door Station - SURFACE (24V dc PSU required)
- NEW** 915-1630 **GH-1AD** Audio handsfree apartment station
- NEW** 915-1631 **GH-HS** Optional handset for the GH-1KD colour video handsfree apartment station
- NEW** 915-1632 **GH-1KD** Colour video handsfree apartment station
- NEW** 915-1633 **GH-4Z** 4 way floor level distributor (eases wiring)
- 922-0047 **PS-24N** PSU 24V dc 1.8A

CABLE SPECIFICATION for GF 2 & 4 Wire BUS systems

Audio

Maximum distance between the BUS controller and the furthest audio apartment station is 300m using C2-CABLE-PE cable (928-0568)

Maximum distance between the BUS controller and the furthest audio doorstation is 300m using C2-CABLE-PE cable (928-0568)

Video

Maximum distance between the BUS controller and the furthest video apartment station is 150m using C4-CABLE-PE cable (928-1058). This can be extended by using another BUS controller.

Maximum distance between the BUS controller and the furthest video doorstation is 300m using C4-CABLE-PE cable (928-1058)

CAT5e cable can be used - contact Technical Sales Support for details

Failure to use the correct cable will result in poor picture quality, and will void any warranty applicable

AX SYSTEM

8 Master stations and a total of 120 doorstations using CAT5 cable. Audio or colour video communications. Can be integrated with CCTV and access control systems.

- NEW** 915-1634 **AX-DM** Audio doorstation
- NEW** 918-0897 **AX-DV** Video doorstation - SURFACE mounted
- NEW** 918-0899 **AX-DVF** Video doorstation - FLUSH mounted
- NEW** 918-0900 **AX-DV-P** Video doorstation - SURFACE mounted with space for proximity reader (reader not included)
- NEW** 918-0901 **AX-DVF-P** Video doorstation - FLUSH mounted with space for proximity reader (reader not included)
- NEW** 918-0896 **AX-8MV** Colour video master monitor - 8 call
- NEW** 915-1624 **AX-8M** Audio master monitor - 8 call
- NEW** 915-1635 **AX-16SW** Add-on selector - 16 call
- NEW** 915-1623 **AX-084C** Central unit for 8 doors and 4 masters
- NEW** 915-1636 **AX-248C** Central unit for 24 doors and 8 masters
- NEW** 915-1637 **AX-320C** Add-on control unit for 32 doors



AX-8MV



AX-DV

VIDEO DOOR ENTRY (MONOCHROME)

Pan and Tilt System (maximum 2 pan & tilt door stations & maximum of 3 monitors & handsets)

918-0110	MK-DAC Surface pan and tilt Infra-Red camera, pre set memory & lens
918-0002	MK-2MCD Master monitor & handset (MY-2CD)
918-0005	MK-2HCD Sub monitor & handset (MYH-2CD)
915-0035	MK-2SD Audio handset substation for MK-2MCD (MY-1HD)
922-0003	PS-18D Power supply 18V dc 1.8 Amp
915-0394	RY-3DL Door release switcher
913-0856	MK-D Surface mount, audio door station with brown plastic cover
922-0002	PS-12S PSU, 12V 1.5 Amp dc

Vandal Resistant Panels (including camera)

916-0004	CVFS-1 MK-DAC camera, V/R Stainless Steel FLUSH mount panel & button
918-0020	CVSS-1 MK-DAC camera, V/R Stainless Steel SURFACE mount panel & button



MK-DAC & VIDEO MONITOR

CABLE SPECIFICATION

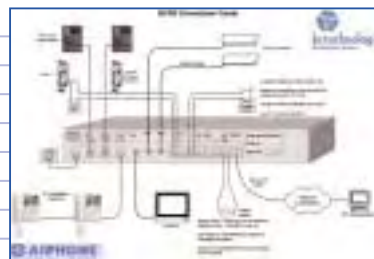
Maximum distance between MK-DAC & MK-2MCD is 100m using C2-CABLE-PE
Maximum distance between MK-2MCD & furthest MK-2HCD is 75m using C6-CABLE-PE

VIDEO DOOR ENTRY (COLOUR)

KC Series Tilt camera system (maximum 1 camera to 3 monitors)

918-0089	KC-DAR Colour tilt camera door station, surface, for use with KC-1GRD only
918-0090	KC-1GRD Colour tilt master monitor/handset and all call facility
918-0091	KC-1HRD Colour tilt sub monitor/handset and all call facility
915-0263	KC-1SD Audio handset for use with KC-1GRD & KC-1HRD monitors
918-0092	KCFS-1 Flush 1 way V/R Stainless Steel panel, with colour tilt camera KC-DAR
918-0093	KCSS-1 Surface 1 way V/R Stainless Steel panel, with colour tilt camera KC-DAR
918-0094	KCFS-1+KPET Flush 1 way V/R Stainless Steel panel & keypad, with colour tilt camera KC-DAR
918-0095	KCSS-1+KPET Surface 1 way V/R Stainless Steel panel, with colour tilt camera KC-DAR
918-0116	KC-32EU Video memory unit
922-0047	PS-24N PSU 24V dc 1.8A
928-1058	C4-CABLE-PE-100 B. C. Tec 1mm diameter 4 core cable, 100m

Failure to use PE suffixed cable will result in poor picture quality and void any warranty applicable



bcR2 WIRING DIAGRAM

JA series colour pan and tilt system (maximum 2 cameras to 3 monitors)

916-0557	JA-DAC Colour video doorstation with pan and tilt
916-0555	JA-2MCD Master colour monitor with pan and tilt
916-0554	JA-2HCD Sub colour monitor with pan and tilt
916-0556	JA-2MECD Master colour monitor with picture memory & pan and tilt
913-0957	JA-D Audio doorstation, plastic
917-0647	JAFS-1 1 way flush fitting Stainless Steel video panel including JA-DAC pan and tilt camera
913-0958	JASS-1 1 way surface fitting Stainless Steel video panel including JA-DAC pan and tilt camera
922-0047	PS-24N PSU 24V dc 1.8A
928-1058	C4-CABLE-PE-100 B. C. Tec 1mm C4 four core polyethylene cable, 100m

Failure to use the correct cable will result in poor picture quality and void any warranty applicable



JA-2MCD

bcR2 Network interface for Aiphone KC & JA colour video doorstations. LAN remote operation plus two CCTV inputs and four auxiliary outputs.

918-0719	bcR2 TCP/IP network interface for Aiphone colour video pan & tilt door entry system
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JB series colour fixed system (maximum 2 cameras to 3 monitors)

918-0545	JB-DA Surface 1 way ABS plastic video door station for use with JB-2MD
916-0416	JB-DV Semi-vandal resistant surface-mounted door station for use with JB-2MD
917-0445	JB-DVVF Semi-vandal resistant flush-mounted door station for use with JB-2MD
917-0473	JA-2SD Audio sub handset
917-0444	JB-2MD Master hands-free monitor
918-0518	JB-2HD Sub hands-free monitor
922-0003	PS-18D Power supply 18V dc 2 Amp
916-0469	JBS-2AD Boxed Set Including JB-DA, JB-2MD & Power supply
916-0459	JBS-2ADV Boxed Set Including JB-DV, JB-2MD & Power supply
917-0446	JBS-2ADVVF Boxed set including JB-DVVF, JB-2MD & Power supply
928-1058	C4-CABLE-PE-100 B. C. Tec 1mm C4 four core polyethylene cable, 100m

Failure to use the correct cable will result in poor picture quality and void any warranty applicable

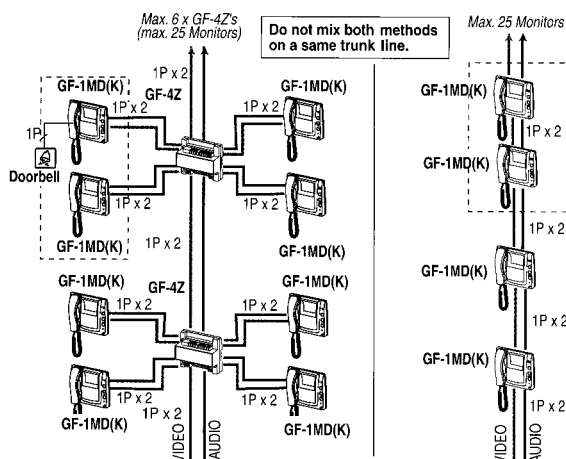


JB Series



Wiring with GF-4Z's

Monitor-to-Monitor wiring



GF SERIES WIRING DIAGRAM

AIPHONE (B.C. Technology) (2 Year Warranty) (continued)

Code

Trade

VIDEO DOOR ENTRY (COLOUR) (continued)

KB Series tilt camera system (maximum 3 cameras to 5 monitors)

918-0111	KB-DAR Colour tilt camera door station surface, for use with KB-3MRD only
918-0112	KB-3MRD Colour tilt master monitor/handset and all call facility
918-0113	KB-3HRD Colour tilt sub monitor/handset and all call facility
915-0289	KB-3SD Audio handset for use with KB-3MRD & KB-3HRD monitors
918-0114	KBFS-1 Flush 1 way V/R Stainless Steel panel, with colour tilt camera KB-DAR
918-0115	KBSS-1 Surface 1 way V/R Stainless Steel panel, with colour tilt camera KB-DAR
918-0116	KC-32EU Video memory unit
922-0047	PS-24N PSU 24V dc & 12V AC
928-1058	C4-CABLE-PE-100 B. C. Tec 1mm C4 four core polyethylene cable, 100m

Failure to use the correct cable will result in poor picture quality and void any warranty applicable

RNIB approved door entry systems designed to be in line with DDA requirements

Note: Complete 1 way kits include Stainless Steel door station, master monitor & PSU to RNIB standards

917-0649	KCFS-1/RNIB/KIT 1 way kit including flush fitting Stainless Steel video panel with KC-DAR tilt camera
916-0558	KCSS-1/RNIB/KIT 1 way kit including surface fitting Stainless Steel video panel with KC-DAR tilt camera
917-0648	KBFS-1/RNIB 1 way flush fitting doorstation in Stainless Steel with KB-DAR tilt camera
916-0559	KBSS-1/RNIB 1 way surface fitting doorstation in Stainless Steel with KB-DAR tilt camera
918-0721	KB-3MRD/RNIB KB series colour tilt master monitor, RNIB modified
918-0720	KB-3HRD/RNIB KB series colour tilt sub monitor, RNIB modified
915-1332	KB-3SD/RNIB KB series audio only sub monitor, RNIB modified
917-0646	CVFS-1/RNIB 1 way flush fitting doorstation in Stainless Steel with MK-DAC pan & tilt camera
916-0553	CVSS-1/RNIB 1 way surface fitting doorstation in Stainless Steel with MK-DAC pan & tilt camera
918-0723	MK-2MCD/RNIB MK series colour pan & tilt master monitor, RNIB modified
918-0722	MK-2HCD/RNIB MK series colour pan & tilt sub monitor, RNIB modified
915-1333	MK-2SD/RNIB MK series audio only sub handset, RNIB modified

Please note that variants of the above are available. Contact our Technical Sales Support Department for details

CABLE SPECIFICATION

When ordering any KB, KC or GF series equipment you must use C2-CABLE-PE (928-0568) or C4-CABLE-PE (928-1058). If alternative cable is used we cannot be responsible should any fault occur.

CABLE for Aiphone Video

928-1057	C2-CABLE-PE-100 B. C. Tec 1mm C2 polyethylene cable, 100m
928-0568	C2-CABLE-PE-200 B. C. Tec 1mm C2 polyethylene cable, 200m
928-1058	C4-CABLE-PE-100 B. C. Tec 1mm C4 polyethylene cable, 100m
928-1059	C4-CABLE-PE-200 B. C. Tec 1mm C4 polyethylene cable, 200m
927-1887	C6-CABLE-PE-100 B. C. Tec 1mm C6 polyethylene cable, 100m

All Aiphone equipment is available for various applications and larger systems are available. Please contact our Technical Sales Support department for further information.





Now available with **COLOUR** as Standard, at black and white prices.

It's 'arrivederci' to the black and white as Bell System includes colour video telephones as standard in the whole bellissimo range. Why have a black and white video telephone when your customer can have a colour one for the same price?

The colour telephone includes all the popular features of the monochrome model and incorporates a 3.5" Colour TFT screen with an essential adjustable tilt mechanism for optimum viewing at different heights. The 'soft-touch' silicone rubber push buttons are backlit and have clear operating symbols.

The telephone is wall-mounted directly without additional mounting brackets or connectors. An internal plastic moulding protects the electronics during installation.

A single telephone model caters for both simple one-station systems and complex digital systems and is also compatible with existing monochrome bellissimo systems. These telephones do not require co-axial cable and generally operate on standard Cat 5 cables.

Put colour into your customer's life, it's bellissimo.

"the only thing that's black and white, is the price!"



BS-EM 690 9001:2000 Certificate No. 082000280

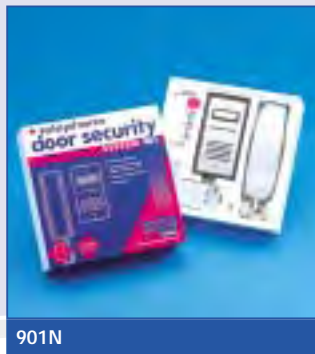
Bell System (Telephones) Ltd

Presley Way, Crownhill, Milton Keynes MK8 0ET

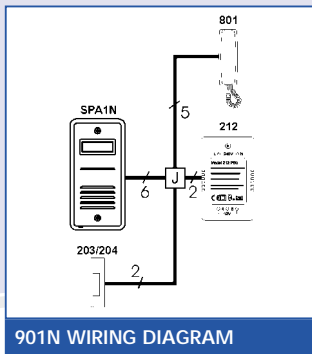
Tel: 01908 261106 Fax: 01908 261116 Int: +44 1908 261106

email: sales@bellsystem.co.uk website: www.bellsystem.co.uk

**bell
system**



901N



901N WIRING DIAGRAM

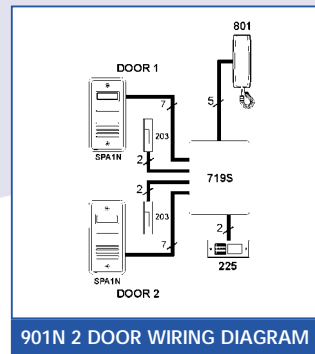
1 x SPA1N Door panel
1 x 61 Speech unit
1 x 801 Handset
1 x 212 PSU
1 x 203 Lock release

These kits come with an aluminium surface panel, relevant number of phones, power supply, rim release & speech unit.

Surface panel up to 10 ways, flush panels after 10 ways, but all panels are available in flush.

Please contact technical sales support for further information.

901N KIT CONTENTS



901N 2 DOOR WIRING DIAGRAM

BELL SYSTEM (BSTL) (1 Year Warranty)

Code

Trade

Audio Door Entry

Surface 900 kits

- 913-0072 **901N** Audio door entry, 1 way surface system complete with rim release
913-0073 **902N** As above 2 way
913-0074 **903N** As above 3 way
913-0075 **904N** As above 4 way
913-0076 **905N** As above 5 way
913-0077 **906N** As above 6 way
913-0078 **907N** As above 7 way
913-0079 **908N** As above 8 way
913-0080 **909N** As above 9 way
913-0081 **910N** As above 10 way

The above kits have a lock output @ 12V AC. They can be changed to 12V dc by adding a 340C or PS4 PSU. Larger flush systems are available.

2 surface door panels to 1 phone system

- 913-0072 **901N** Audio door entry, 1 way surface system complete with rim release
915-0078 **SPA1N** Standard, 1 button surface aluminium panel
915-0076 **61** Replacement speech/amplifier Unit
915-0059 **719S** Multi door switching Unit (one per every two door panels, requires model 225 PSU)
922-0006 **225** Transformer 12V AC 2 Amp fused
921-0006 **203** Rim release, 12V AC/dc, fail secure, 300kg holding force

2 surface door panels to 2 phones system

- 913-0073 **902N** Audio door entry, 2 way surface system complete with rim release
915-0077 **SPA2N** Standard, 2 button surface aluminium panel
915-0076 **61** Replacement speech/amplifier Unit
915-0059 **719S** Multi door switching Unit (one per every two door panels, requires model 225 PSU)
922-0006 **225** Transformer 12V AC 2 Amp fused
921-0006 **203** Rim release, 12V AC/dc, fail secure, 300kg holding force

Flush 900 kits

- 914-0059 **901FN** Audio door entry, 1 way flush system complete with rim release
914-0060 **902FN** As above 2 way
914-0061 **903FN** As above 3 way
914-0062 **904FN** As above 4 way
914-0063 **905FN** As above 5 way
914-0064 **906FN** As above 6 way
914-0065 **907FN** As above 7 way
914-0066 **908FN** As above 8 way
914-0067 **909FN** As above 9 way
914-0068 **910FN** As above 10 way

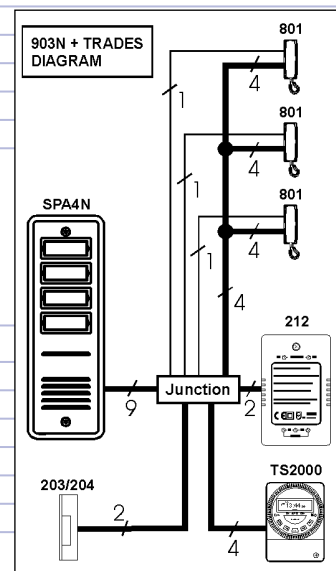
The above kits have a lock output @ 12V AC. They can be changed to 12V dc by adding a 340C or PS4 PSU. Larger systems are available.

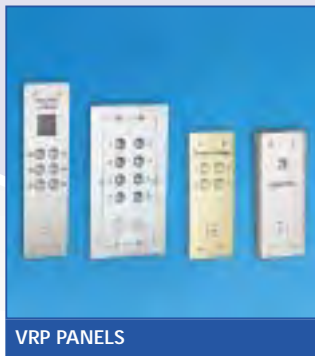
Surface 900 kits including trade facility

These system kits come with the relevant number of call buttons on the panel, telephones and an extra button for trade, TS2000-BST 7 day quartz time clock, power supply, speech unit & rim release.

- 913-0096 **903TN** Audio door entry, 3 way surface system including trade facility complete with rim release
913-0097 **904TN** As above 4 way
913-0098 **905TN** As above 5 way
913-0099 **906TN** As above 6 way
913-0100 **907TN** As above 7 way
913-0101 **908TN** As above 8 way
913-0102 **909TN** As above 9 way

The above kits have a lock output @ 12V AC. They can be changed to 12V dc by adding a 340C or PS4 PSU. Flush boxes are available for the above kits, larger kits are available in FLUSH ONLY.





VRP PANELS



LASER CUT PANEL

AVAILABLE LOCK OUTPUTS FOR KIT RANGES

PRODUCT	12V AC	12V dc	Fail Secure	Fail Safe
900 Series	•		•	
VRK Series	•		•	
LCK Series		•	•	
CK109		•	•	•
CK110		•	•	•
CS109 Series		•	•	•
CS106 Series		•	•	•
BellSwipe BS500		•	•	•

BELL SYSTEM (BSTL) (1 Year Warranty) (continued)

Code

Trade

Belltone Interface door entry system

The Belltone interface allows for connection of a door entry panel to a standard household BT style telephone or to a PABX. A lock release can be triggered from the BT style telephone.

Belltone Surface system

913-0304 **BT901** Belltone entry system with telephone interface (BT1), 1 button surface panel (SPA1N), speech unit (61), power supply (340C) and a lock release (203)

The above kit has a lock output @ 12V dc.

Belltone Interface

915-0545 **BT1** Belltone dialling interface unit

Surface 900 BRASS kit

913-0107 **901BN** Audio door entry, 1 way surface system complete with rim release

The above kits have a lock output @ 12V AC. They can be changed to 12V dc by adding a 340C or PS4 PSU. Larger systems are available with or without trade facilities.

Vandal Resistant FLUSH kits

914-0027 **VRK1** Audio door entry, 1 way vandal resistant system complete with rim release

914-0048 **VRK2** As above 2 way

914-0049 **VRK3** As above 3 way

914-0050 **VRK4** As above 4 way

914-0051 **VRK5** As above 5 way

914-0052 **VRK6** As above 6 way

The above kits have a lock output @ 12V AC. They can be changed to 12V dc by adding a 340C or PS4 PSU. Larger systems are available with or without trade facilities.



VRK4

Surface Vandal Resistant boxes

915-0578 **S1** Surface box size 1, generally for panels up to 6 buttons (depending on engraving & button layout)

915-0579 **S2** Surface box size 2, generally for panels with 7 - 12 buttons (depending on engraving & button layout)

915-0580 **S3** Surface box size 3, generally for panels with 13 - 18 buttons (depending on engraving & button layout)

915-0581 **S4** Surface box size 4, generally for panels with 19 - 36 buttons (depending on engraving & button layout)

Vandal Resistant SURFACE kits

913-0230 **VRK1S** Audio door entry, 1 way vandal resistant system complete with rim release

913-0231 **VRK2S** As above 2 way

913-0232 **VRK3S** As above 3 way

913-0233 **VRK4S** As above 4 way

913-0234 **VRK5S** As above 5 way

913-0235 **VRK6S** As above 6 way

The above kits have a lock output @ 12V AC. They can be changed to 12V dc by adding a 340C or PS4 PSU. Larger systems are available with or without trade facilities.



VRK7S & TRADE FACILITY

Panel mount proximity readers can be integrated into Vandal Resistant panels (special order Only). However, systems requiring the PAC 20049 panel mount reader may incur an additional charge. Please contact our Technical Sales Support Department for further information.

2 door panels to 1 phone system (choose either flush or surface option)

914-0027 **VRK1** Audio door entry, 1 way FLUSH vandal resistant system complete with rim release

915-0151 **VRP1** Vandal Resistant FLUSH panel, 1 button

913-0230 **VRK1S** Audio door entry, 1 way SURFACE vandal resistant system complete with rim release

915-0489 **VRP1S** Vandal Resistant SURFACE panel, 1 button

915-0076 **61** Replacement speech/amplifier Unit

915-0059 **719S** Multi door switching Unit (one per every two door panels, requires model 225 PSU)

922-0006 **225** Transformer 12V AC 2 Amp fused

921-0006 **203** Rim release, 12V AC/dc, fail secure, 300kg holding force



DDA-1



DDA-EXT-1



CK200



CK109

BELL SYSTEM (BSTL) (1 Year Warranty) (continued)

Code

Trade

Vandal Resistant BRASS flush kits

914-0196	VRKB1 Audio door entry, 1 way vandal resistant Brass system complete with rim release
914-0197	VRKB2 As above 2 way
914-0198	VRKB3 As above 3 way
914-0199	VRKB4 As above 4 way
914-0200	VRKB5 As above 5 way
914-0201	VRKB6 As above 6 way

The above kits have a lock output @ 12V AC. They can be changed to 12V dc by adding a 340C or PS4 PSU. Larger systems are available with or without trade facility.

Laser cut flush panel ONLY (these panels require a model 61 speech/amplifier unit & system accessories)

915-0153	LCP1 Vandal Resistant panel 1 button, with laser cut bezel & back box (requires 61 amplifier)
915-0154	LCP2 As above 2 buttons
915-0491	LCP3 As above 3 buttons
915-0181	LCP4 As above 4 buttons
915-0182	LCP5 As above 5 buttons
915-0183	LCP6 As above 6 buttons

Larger panels are available. The panels can come with a keypad or panel mount reader cut out or trade facility

Panel mount proximity readers can be built into Bell System Vandal Resistant panels (special order Only).

DISABILITY DISCRIMINATION ACT (DDA) 1995 entry panels

The DDA kits come with either a 1 button FLUSH or SURFACE Stainless Steel DDA panel with illuminated call button in Braille and indicator lights, an integral speech unit, a 12V dc power supply, a model 801 wall mount telephone and a fail-secure lock release.

914-0657	DDA-1 Audio door entry, 1 way FLUSH vandal resistant DDA system complete with rim release
913-0698	DDA-1S Audio door entry, 1 way SURFACE vandal resistant DDA system complete with rim release

DDA long panel with 2 call buttons

914-0739	DDA-EXT-1 1 station FLUSH door entry system, including DDA long FLUSH panel with two buttons, 340C PSU, 1x 801 telephone, speech unit and rim release
914-0740	DDA-EXT-1S 1 station SURFACE door entry system, including DDA long SURFACE panel with two buttons, 340C PSU, 1x 801 telephone, speech unit and rim release

The above kits have a lock output @ 12V dc. DDA kits are available for multi station applications. Other options include systems combined with Paxton Compact proximity readers or coded access keypads. Video systems are also available.

Bellcode Secure coded access control with a touch sensitive keypad

The Bellcode is a **SECURE** coded keypad system with an independent controller and a touch sensitive keypad with no moving parts (Piezo technology), waterproof and rated to IP68. Ten user codes, hosts of programming options - 12V dc, lock output @ 500mA.

Bellcode system

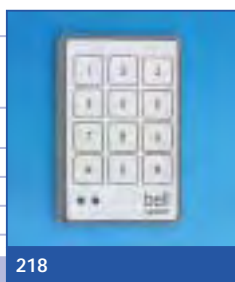
905-0035	CK200 Bellcode coded entry system with keypad (218), controller (200), power supply (340C) and a lock release (203)
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Bellcode ancillaries

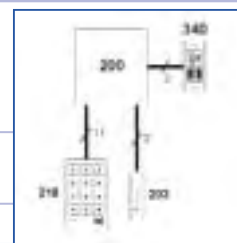
905-0036	218 Bellcode touch sensitive surface keypad
911-0202	200 Bellcode boxed controller
911-0203	201 Bellcode controller for second door (PCB only)

Secure coded access control

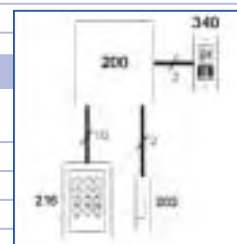
906-0001	CK109 Coded entry system with Stainless Steel vandal resistant surface keypad, power supply, rim release and controller (200) for up to 2 keypads, 2 user codes 1-8 digits per door
906-0007	CK110 As above with slimline Stainless Steel keypad (model 217)
905-0003	216 Stainless Steel vandal resistant surface keypad for use with the above kits
905-0020	216F Stainless Steel vandal resistant flush keypad for use with the above kits
905-0022	217 Slimline Stainless Steel vandal resistant surface keypad for use with the above kits



218

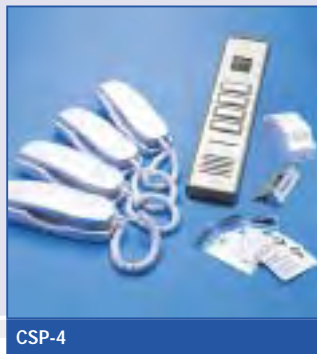


CK200 WIRING DIAGRAM



CK109 WIRING DIAGRAM





CSP-4



CSP-8/VR



TS2000-BST

BELL SYSTEM (BSTL) (1 Year Warranty) (continued)

Code

Trade

Additional cards and keyfobs for CSP systems

926-0398	830-010G PROXIMITY 10 card pack Green
926-0386	820-010G PROXIMITY 10 keyfob pack Green

Larger card and keyfob packs can be purchased in quantities of 25's, 50's and 100's. Please refer to the Paxton Standalone Proximity sections on page 85 for more information.

Accessories

Audio handsets

915-0033	801 Standard wall mounted telephone for 900 & VRK systems
915-0057	801S Standard wall mounted telephone with call tone mute switch
915-0155	801P Standard wall mounted telephone with privacy of speech
915-0156	801PS Standard wall mounted telephone with privacy of speech & call tone mute switch
915-1658	801-DESK Standard desk mounting telephone
915-1659	BS-A Bellissimo audio telephone for extension to video systems and bellcall digital system
915-1660	BS-LX Bellissimo audio telephone with mute switch, LED indicator & Door Open indicator
915-0042	500A Wall mounted telephone 2 buttons, AC
915-0030	500D Wall mounted telephone 2 buttons, dc for combined and LCK systems
915-0043	500X As above, inc. buzzer mute push-button (privacy) & L.E.D. indicator
915-0161	500LX Wall mounted dc telephone with buzzer mute switch, LED indicator & Door Open indicator
915-0157	500A-Desk Desk mounted 500A telephone
915-0158	500D-Desk Desk mounted 500D telephone

Loud speaker apartment stations

915-0159	LS47 Loudspeaking apartment station (wall mounting - requires 12V dc)
915-0160	LSD47 Loudspeaking apartment station (desk mounting - requires 12V dc)

Transformers & Power Supplies

915-0034	212 Transformer 12V AC 1 Amp fused
922-0006	225 Transformer 12V AC 2 Amp fused
922-0186	340C PSU, 12V dc 1.5 Amp
922-0185	PS4 PSU, 12V dc 4 Amp
922-0032	640 PSU, 12V dc 1 Amp standby power supply complete with 2.1 A/H battery

Amplifiers

915-0032	51 Old style replacement speech/amplifier Unit
915-0076	61 Replacement speech/amplifier Unit

Relays & audio ancillaries

927-0044	88 12V AC, 1 pole change over relay, contact rating 10A @ 30V dc, boxed
927-0045	89 12V dc, 1 pole change over relay, contact rating 10A @ 30V dc, boxed
927-0186	LT88 Single shot timer, 4-40 seconds, 1 pole change over boxed relay
927-0196	HT88 Single shot timer, 1 sec up to 10 hours, 1 pole change over boxed relay
928-0253	RT27 Extension sounder for all telephones
915-0059	719S Multi door switching Unit (one per every two door panels, requires model 225 PSU or 440 PSU, depending on telephones used)
915-0083	SG1 Extension sound generator, timed and 8 options of tone 10-15V AC or 10-21V dc
927-0229	TS2000-BST 12V AC/dc, quartz crystal time clock with automatic European Time Settings, isolated contacts, 7 day programming
915-0082	62 Hex bit 1/4" for new style SPA surface panels
915-0281	62F Hex bit 1/4" for new style SPA flush panels
915-0081	63 V/R screw for new style SPA panels
915-0322	SPA-LAMP Lamp module for connection to the push button on standard panels, 1 module will back-light 1 pushbutton





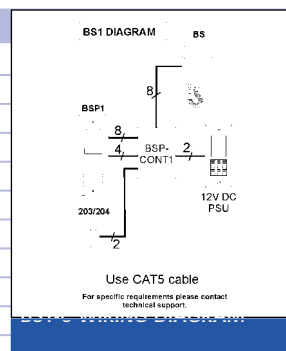
BELL SYSTEM (BSTL) (1 Year Warranty) (continued)

Code

Trade

COLOUR VIDEO DOOR ENTRY "BELLISSIMO" (NON COAXIAL)

- NEW** 916-0660 **BS1-C** COLOUR Video door entry, 1 way surface system complete with rim release
- NEW** 916-0661 **BS2-C** As above 2 way
- NEW** 916-0662 **BS3-C** As above 3 way
- NEW** 916-0663 **BS4-C** As above 4 way
- NEW** 916-0664 **BS5-C** As above 5 way
- NEW** 916-0665 **BS6-C** As above 6 way
- NEW** 916-0666 **BS7-C** As above 7 way
- NEW** 916-0667 **BS8-C** As above 8 way
- NEW** 916-0668 **BS9-C/VR** V/R 9 way flush kit, inc. Stainless Steel flush panel, monitor/phone, PSU & rim release
- NEW** 916-0669 **BS10-C/VR** As above 10 way flush
- NEW** 916-0670 **BS11-C/VR** As above 11 way flush
- NEW** 916-0671 **BS12-C/VR** As above 12 way flush



The above kits include relevant number of video telephones (BS), BSP panel, speech unit, power supply, controllers and rim release.

All kits above 8 ways come standard with a Vandal Resistant Stainless Steel flush panel but can be made surface if required.

Larger systems are available, with or without TRADE, also in Stainless Steel or Brass. Combined proximity or coded access options are available. The above kits have a lock output @ 12V dc.

2 doors to 1 phone system

- NEW** 916-0660 **BS1-C** Video door entry, 1 way surface system complete with rim release
- NEW** 918-0912 **BSP1-C** Video panel 1 way, camera with LED lighting & speech unit
- 922-0191 **BSD1** Video Panel Controller, 1 required for each panel, for 1 way systems ONLY
- 921-0006 **203** Rim release, 12V AC/dc, fail secure, 300kg holding force

9.50

Vandal Resistant COLOUR video kits

Flush

- NEW** 917-0812 **BS1-C/VR** V/R 1 way FLUSH kit, inc. Stainless Steel flush panel, monitor/phone, PSU & rim release
- NEW** 917-0813 **BS2-C/VR** As above 2 way

Surface

- NEW** 916-0672 **BS1-C/VR/S** V/R 1 way SURFACE kit, inc. Stainless Steel flush panel, monitor/phone, PSU & rim release
- NEW** 916-0673 **BS2-C/VR/S** As above 2 way

The above kits have a lock output @ 12V dc. Larger systems are available, also in brass, also combined with keypad.

COLOUR Video Digital Systems

- NEW** 918-0914 **BSP-DIG-C/VR** Vandal Resistant Digital video panel flush (requires BSD-DIG Controller)
- NEW** 918-0915 **BSP-DIG-C/VRS** Vandal Resistant Digital video panel surface (requires BSD-DIG Controller)
- NEW** 918-0916 **BSP-DIG-C/LCP** Vandal Resistant Digital LCP style video panel flush (requires BSD-DIG Controller)
- NEW** 918-0700 **BSD-DIG** Digital panel controller
- NEW** 918-0917 **BS-C** Bellissimo COLOUR video monitor handset (wall mounting)
- 918-0579 **BSC4** Telephone controller for up to 4 x BS-C video telephones - not required on a single button system
- 922-0185 **PS4** 12V dc 4A PSU for Bellissimo systems

Accessories

- NEW** 918-0917 **BS-C** Bellissimo COLOUR video monitor handset (wall mounting)
- NEW** 918-0918 **BS-DESK-C** COLOUR Bellissimo desk mounting video telephone
- NEW** 915-0659 **BS-A** Bellissimo audio telephone for extensions
- NEW** 918-0919 **BSP1VR-C** V/R 1 way flush video Stainless Steel panel, inc. camera
- NEW** 918-0920 **CAMBS-C** COLOUR Camera module for Bellissimo entry systems
- 922-0191 **BSD1** Video Panel Controller, 1 required for each panel, for 1 way systems ONLY
- 918-0707 **BSD8** Video Panel Controller, 1 required for each panel, for panels up to 8 buttons
- 918-0637 **BSD72** Video Panel Controller, 1 required for each panel, for panels up to 72 buttons
- NEW** 918-0700 **BSD-DIG** Digital panel controller
- 918-0579 **BSC4** Telephone controller for up to 4 x BS-C video telephones - not required on a single button system
- 922-0185 **PS4** 12V dc 4A PSU for Bellissimo systems

For more information about our products, please call +353 (0) 1450 1366



Bellcall BCP1



Bellcall BC801



BS-C MONITOR

BELL SYSTEM (BSTL) (1 Year Warranty) (continued)

Code

Trade

Bellissimo systems requiring a separate/additional camera

The CCTV cameras below have all been tested and are recommended for use with Bellissimo video systems.

VANTAGE 'G' Series DSP 1/3" Colour camera (3 year warranty)

308-1030 **VGC450D** 520 Line, 0.5 Lux colour camera, DD, AMP, BLC (on/off), CS, DIP, 90-260V AC

Lens for above camera

310-0165 **VD35803** 3.5-8mm, f1.4, Varifocal lens, (Long Lead)

Impact Resistant Evolution Colour/mono dome

326-0907 **VSCM520IR** 1/3", Spartan, high resolution colour/mono impact dome, moving IR cut filter, 3.6 - 9mm auto iris varifocal lens, built in IR LED array. 0 Lux with LED's ON, 12V dc power supply required.

CABLE SPECIFICATION

Cable specification is dependant on system layout and distances required. Please contact our Technical Sales Support department for further information.

Bellcall Digital Door Entry system

The Bellcall Digital door entry system allows for up to 128 telephones to be connected to a digital entrance panel with 6 common wires. The panel incorporates a large LED display. Additional panels can be connected on the same 6 wires without the need for additional equipment. The lock output for the Bellcall system is 12V dc. Bellcall Video systems are now available with Bellissimo video telephones - prices on application. (A complete audio system would comprise of one BCP1 panel, the required number of BC801 telephones, power supply and optional lock release).

Bellcall Stainless Steel Audio panels

915-0542 **BCP1** Bellcall SURFACE Stainless Steel Digital audio entry panel

915-0543 **BCP1/F** Bellcall FLUSH Stainless Steel Digital audio entry panel

915-1532 **S-BCP** Steel surface housing for above

Bellcall Stainless Steel Audio panels

915-1654 **BCP1/VR** Vandal Resistant panel flush (requires a BSD-DIG)

918-0921 **BCP1/VRS** Vandal Resistant panel surface (requires a BSD-DIG)

915-1661 **BCP1/LCP** Vandal Resistant LCP style panel flush (requires a BSD-DIG)

918-0700 **BSD-DIG** Digital panel controller

Bellcall Audio telephone

915-0544 **BC801** Bellcall wall mounting audio telephone

915-1659 **BS-A** Telephone with mute switch, LED and Door Open Indications (Door Open Indication on VR panels only)

Bellcall PSU's

922-0185 **PS4** 12V dc 4A PSU for single entrance Bellcall systems with less than 60 telephones

922-0058 **1385N** 12V dc 5 Amp backup power supply for any single entrance Bellcall system

For multi-panel applications please contact our Technical Sales Support Team for a suitable PSU.

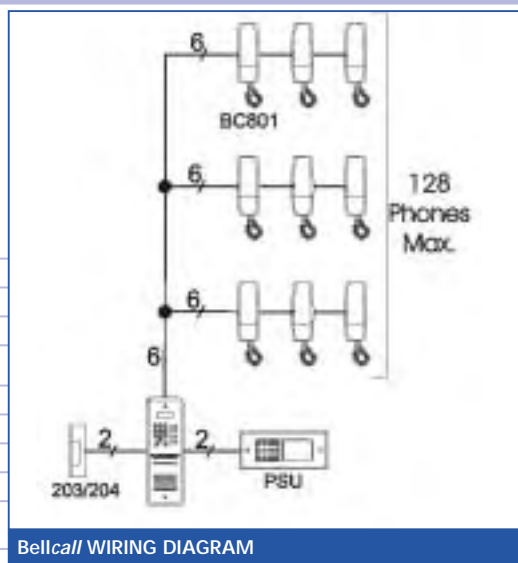
CABLE SPECIFICATION for Bellcall systems

Cable specifications depend on the number of telephones, distances and system layout. Please contact our Technical Sales Support department for full specifications.

BSX and DAX Isolated Exchange Systems

The BSX & DAX Isolated exchange systems are highly specified door entry systems for use in Public Housing or any location prone to high levels of vandalism. These systems operate on an exchange principle and any damage to a telephone or its cables will not effect the operation of the rest of the system.

The DAX digital door entry telephone system is designed primarily for large blocks of flats where a conventional door entry panel may be impractical due to its size. The DPX panel has a simple 16-button keypad for typing the flat numbers (including alpha characters A - Z) and a clear, large character, liquid-crystal display (LCD) or Light Emitting Diode (LED) which provides user-friendly messages and instructions. Please contact Technical Sales Support for further information.



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Audio Door Entry**Targha Surface audio entry panels with Lynea Handsets and PSUs**

Prices include a Targha surface entry panel, the relevant number of YC/200UK Lynea handsets & PSU. No release.

- 913-0640 **VSET1N/HPYCUK** Kit, surface Targha slim line aluminium entry panel 1 way, 1 x YC/200UK Lynea handset & PSU. No release
- 913-0641 **VSET2N/HPYCUK** As above 2 way
- 913-0642 **VSET3N/HPYCUK** As above 3 way
- 913-0643 **AKIT/4TARYC** Surface Targha slim line aluminium entry panel HSC/4ST, 4 x YC/200UK Lynea handsets & A/200N PSU. No release

Targha surface audio entry panel with integrated illuminated access keypad, Lynea handset and PSU

The price includes a Targha surface entry panel including illuminated keypad, the stylish YC/200UK Lynea handset & PSU. No release.

- 913-0645 **VSET1N/HNA** Surface Targha, aluminium slim line entry panel including keypad, 1 x Lynea handset & PSU. No release

Note: Larger kits are available. Contact our Technical Sales Support department for details.

Targha Surface audio entry panels with NOVA audio receivers and PSUs

Prices include a Targha surface entry panel, the award winning, flush, graphite Nova apartment station & PSU. No release.

- 913-0646 **AKIT/1TARNOV** Surface Targha slim line aluminium entry panel HSC/1ST, 1 x Nova receiver & A/200N PSU. No release
- 913-0647 **AKIT/2TARNOV** As above 2 way, with HSC/2ST panel & 2 Nova receivers
- 913-0648 **AKIT/3TARNOV** As above 3 way, with HSC/3ST panel & 3 Nova receivers

Note: the Nova receiver is made up of 1 x NSI/3M, NS/3V, NC/221PAGR & NPP/3VGR. Colour options are available.

Targha vandal resistant audio entry panel kits with Lynea handset and PSU

Prices include a Targha surface entry panel, the award winning, flush, graphite Nova apartment station & PSU. No release.



- 915-1365 **AKIT/1TARVR** Targha vandal resistant entry panel 1 way, 1 x YC/200UK Lynea handset & PSU. No release
- 914-1112 **AKIT/2TARVR** Targha vandal resistant entry panel 2 way, 2 x YC/200UK Lynea handset & PSU. No release
- 914-1109 **AKIT/3TARVR** Targha vandal resistant entry panel 3 way, 3 x YC/200UK Lynea handset & PSU. No release

Vandal resistant flush audio entry panels with Lynea handsets

Prices include a vandal resistant flush entry panel, the stylish YC/200UK Lynea handset & PSU. No release.

- 914-0623 **AKIT/1VRVC** Vandal resistant, flush audio entry panel VRA/1, 1 x YC/200UK Lynea handset & A/200N PSU. No release
- 914-0624 **AKIT/2VRVC** As above 2 way, with VRA/2 panel
- 914-0625 **AKIT/3VRVC** As above 3 way, with VRA/3 panel
- 918-0346 **VRSH/1** Vandal resistant surface housing, add to the above kits to surface mount

Vandal resistant flush audio panels with integrated access keypad & Lynea Handsets

Prices include a vandal resistant flush entry panel including keypad, the stylish YC/200UK Lynea handset & PSU. No release.

- 914-0626 **AKIT/1VRACYC** Vandal Resistant, flush audio entry panel with keypad VRAK/1, 1 x YC/200UK Lynea handset & A/200N PSU. No release
- 914-0627 **AKIT/2VRACYC** As above 2 way, with VRAK/2 panel/keypad
- 914-0628 **AKIT/3VRACYC** As above 3 way, with VRAK/3 panel/keypad
- 912-0131 **VRSH/2** Vandal resistant surface housing, add to the above kits to surface mount

Vandal resistant flush mount audio entry panels with proximity reader cut out & Lynea handsets

Prices include a vandal resistant flush panel incorporating a proximity reader cut out, the stylish YC/200UK Lynea handset & PSU. No release.

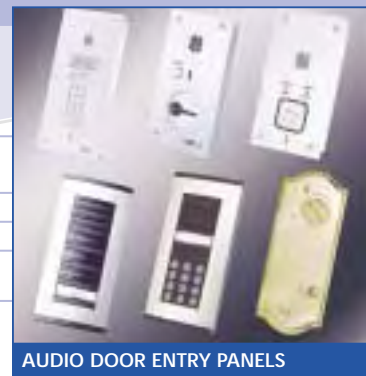
- 914-0629 **AKIT/1VRIMPYC** Vandal Resistant, flush audio entry panel with proximity cut-out VRAP/1, 1 x YC/200UK Lynea handset & A/200N PSU. No release
- 914-0630 **AKIT/2VRIMPYC** As above 2 way, with VRAP/2 panel with proximity cut-out
- 914-0631 **AKIT/3VRIMPYC** As above 3 way, with VRAP/3 panel with proximity cut-out
- 918-0346 **VRSH/1** Vandal resistant surface housing, add to the above 1 & 2 way kits to surface mount
- 912-0131 **VRSH/2** Vandal resistant surface housing, add to the above 3 way kit to surface mount

Targha Digital entry panels

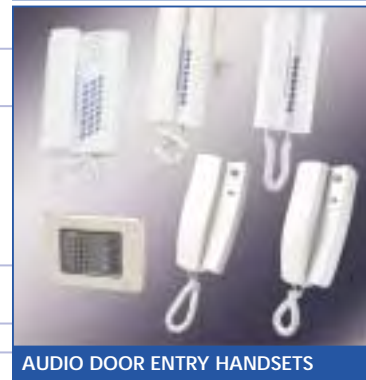
- 928-0261 **HAC/200ST** Targha digital panel, requires Targha audio entry panel and HTS recess backbox
- 913-0456 **HSC/0ST** Targha audio entry panel, aluminium, surface mount, 0 button
- 915-1329 **HAC/200VR** Targha vandal resistant digital panel, requires targha vandal resistant audio entry panel and HTS/VR recess backbox
- 915-1334 **HPC/1VR** Targha audio, vandal resistant, surface mount entry panel, 1 button
- 915-0305 **HA/200** Audio Module
- 927-0980 **HTS/GR** Targha Panel Back box
- 915-0675 **HTS/VR** Vandal resistant Targha panel back box

Vandal Resistant Digital entry panels

- 914-0860 **VRAD/200** Vandal Resistant audio digital entry panel, includes HAC/200 keypad and audio module
- 915-1330 **VRAD/200IMP** Vandal Resistant audio digital entry panel, includes HAC/200 keypad, prox cut out and audio module



AUDIO DOOR ENTRY PANELS



AUDIO DOOR ENTRY HANDSETS



DISABILITY DISCRIMINATION ACT (DDA) 1995 entry panels with PSU and handsets

Panels include large, illuminated tactile/braille button, 'speak now' and 'door open' LEDs and audible indication of lock release.

- 914-0808 **AKIT/1DDAYC** V/R, DDA flush audio panel VRADDA/1, 1 x AZ98DDA audio group, 1 x YC/200UK Lynea handset & A/200N PSU. No release
- 914-0809 **AKIT/1DDAPYC** V/R, DDA flush audio panel c/w prox cut-out VRAPDDA/1, 1 x AZ98DDA audio group, 1 x YC/200UK handset & A/200N PSU. No release
- 914-0810 **AKIT/1DDAKYC** V/R, DDA flush audio panel c/w keypad VRAKDDA/1, 1 x AZ98DDA audio group, 1 x YC/200UK handset & A/200N PSU. No release

Disability Discrimination Act (DDA) 1995 Digital and Dual Height Entry Panels

- 915-1325 **VRAD/KEDDA** Vandal Resistant audio digital entry panel, includes braille dewhurst keypad
- 915-1326 **VRAD/KEDDADUAL** Vandal Resistant audio digital entry panel, includes braille dewhurst keypad - Dual Height
- 915-1327 **VRAD/KEPDDA** Vandal Resistant audio digital entry panel, includes HAC/200 keypad and prox cut-out
- 915-1328 **VRAD/KEPDDADUAL** Vandal Resistant audio digital entry panel, includes HAC/200 keypad - Dual Height
- 915-1107 **AZ/98DDA** Audio Module for DDA Panels

Audio handsets & receivers

- 915-0963 **YC/200UK** Surface mounted Lynea audio handset includes large lock release button and auxillary button, white
- 915-0964 **YC/200AUK** Surface mounted Lynea audio handset includes large lock release button and space for aux/intercom, white
- 915-1016 **NOVA3MGR** Nova audio flush receiver with lock release button and auxillary button, grey with back box for brick
- 915-1017 **NOVA3PLGR** Nova audio flush receiver with lock release button and auxillary button, grey with back box for plaster board
- 915-1018 **NOVA3MBB** Nova audio flush receiver with lock release button and auxillary button, white with back box for brick
- 913-0463 **NOVA3PLBI** Nova audio flush receiver with lock release button and auxillary button, white with back box for plaster board
- 915-0284 **XC/200** Surface mounted Exedra audio handset with lock release button and auxillary buttons

Note: the Nova receiver is made up of 1 x NSI/3M, NS/3V, NC/221PAGR & NPP/3VGR. Colour options are available.

Control equipment

- 922-0034 **A/200N** Main PSU/Control unit, powers a maximum of 3 handsets on the same call button
- 922-0046 **AS/200** Additional PSU powers a maximum of 3 handsets on the same call button
- 915-0262 **BC/200** Call booster for up to 7 handsets on the same call button (must be used with an AS/200)
- 915-0305 **HA/200** Audio module to accompany Targha and Vandal Resistant audio entry panels
- 915-0286 **IT/200** Telephone interface - allows the connection of an entry panel to a BT line
- 915-0260 **SI/200** Entrance selector, 1 required per additional entrance (requires AS/200)
- 927-0014 **TT/2** Tradesman timer with LCD display, 7 day timer, 6 daily on/off times, many features

Video Door Entry**Targha surface video entry panels with YVF/200UK surface monitors**

Prices include a Targha, surface, aluminium video entry panel, the stylish YVF/200UK surface Lynea monitor with 4.5" screen & PSU. No release.

- 916-0362 **VSET/200YVF-1HSV** Kit. Targha aluminium video entry panel HSV/1ST, HAV/200 camera, YVF/200UK Lynea monitor & VA/200 PSU. No release
- 916-0363 **VKIT/2TARYVF** Targha video panel HSV/2ST, HAV/200 camera, 2 x YVF/200UK Lynea monitor, 1 x VAV/400 video distributor & VA/200 PSU. No release
- 916-0364 **VKIT/3TARYVF** As above 3 way, with HSV/4DST panel

Targha surface video entry panels with YVFC/200UK colour surface monitors

Prices include a Targha, surface, aluminium video entry panel, the stylish YVFC/200UK colour surface Lynea monitor with 4.5" screen & PSU. No release.

- 916-0493 **VSET/200YVC-1HPV** Kit. Targha aluminium video entry panel HSV/1ST, HAV/200 camera, YVFC/200UK Lynea monitor & VA/200 PSU. No release
- 918-0709 **VKIT/2TARYVFC** Targha video panel HSV/2ST, HAV/200 camera, 2 x YVFC/200UK Lynea monitor, 1 x VAV/400 video distributor & VA/200 PSU. No release
- 918-0710 **VKIT/3TARYVFC** As above 3 way, with HSV/4DST panel

Ophera X1 2 wire kit with the Ophera monitor with tilting 3.5" swivel mount, full colour screen

- 917-0642 **OPHERAKIT/01** Targha X1 recessed entry panel with colour camera, the Ophera semi-recessed, colour monitor with a choice of three coloured front plates, embedding box and optional intercom module plus VAV/301 PSU

Targha surface video entry panels with the flush, award winning Colour Nova wall monitors in graphite

Prices include a Targha surface, colour video entry panel, the flush colour Nova wall monitor with 2" screen in graphite & PSU. No release.

- 916-0367 **VKIT/1TARNOV** Targha aluminium video entry panel HSV/1ST, HAVC/200 colour camera, Nova monitor & VA/200 PSU. No release
- 916-0368 **VKIT/2TARNOV** As above 2 way, with HSV/2ST panel
- 916-0369 **VKIT/3TARNOV** As above 3 way, with HSV/4DST panel

Note: the Nova monitors consist of the following; NSI/6M, NS/6, NC/221PAGR, NPP/6VGR & NVM/200. Colour options are available.

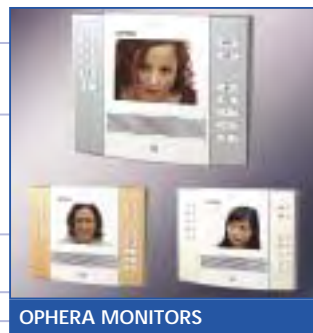
Targha vandal resistant video entry panels with YV & YKP/200 black and white monitors

Prices include a Targha, surface, aluminium video entry panel, the stylish YV & YKP/200 black & white surface Lynea monitor with 4.5" screen & PSU. No release.

- 917-0807 **VKIT/1TARVRYVF** Targha vandal resistant entry panel 1 way, 1 x YVF/200UK Lynea monitor & PSU. No release
- 917-0801 **VKIT/2TARVRYVF** Targha vandal resistant entry panel 2 way, 2 x YVF/200UK Lynea monitor & PSU. No release
- 917-0808 **VKIT/3TARVRYVF** Targha vandal resistant entry panel 3 way, 3 x YVF/200UK Lynea monitor & PSU. No release



VIDEO DOOR PANELS



OPHERA MONITORS



For more information about our products, please call +353 (0) 1450 1366

Code

Trade

Targha vandal resistant video entry panels with YVC & YKP/200 colour surface monitors*Prices include a Targha, vandal resistant video entry panel, the stylish YV & YKP/200 colour surface Lynea monitor with 4.5" screen & PSU. No release.*

- NEW** 917-0802 **VKIT/1TARVRYVFC** Targha vandal resistant entry panel 1 way, 1 x YVFC/200UK Lynea colour monitor & PSU. No release
- NEW** 917-0803 **VKIT/2TARVRYVFC** Targha vandal resistant entry panel 2 way, 2 x YVFC/200UK Lynea colour monitor & PSU. No release
- NEW** 917-0804 **VKIT/3TARVRYVFC** Targha vandal resistant entry panel 3 way, 3 x YVFC/200UK Lynea colour monitor & PSU. No release

Vandal resistant flush video entry panels with YVF/200UK surface wall monitors*Prices include a Vandal Resistant flush video entry panel, the stylish YVF/200UK Lynea surface wall monitor with 4.5" screen & PSU. No release.*

- 917-0381 **VKIT/1VRVYVF** V/R video panel VRV/1, HAV/200 camera, 1 x YVF/200UK Lynea monitor & VA/200 PSU. No release
- 917-0382 **VKIT/2VRVYVF** As above 2 way, with VRV/2 panel & 1 x VAV/400 video distributor
- 917-0383 **VKIT/3VRVYVF** As above 3 way, with VRV/3 panel & 1 x VAV/400 video distributor
- 918-0346 **VRSH/1** Vandal resistant surface housing, add to the above panels to surface mount

Vandal resistant flush video entry panels including keypad with YVF/200UK surface wall monitors*Prices include a Vandal Resistant flush video panel incorporating keypad, the stylish YVF/200UK Lynea surface wall monitor with 4.5" screen & PSU. No release.*

- 917-0384 **VKIT/1VRACYVF** V/R video panel VRV/1, HAV/200 camera, 1 x YVF/200UK Lynea monitor & VA/200 PSU. No release
- 917-0385 **VKIT/2VRACYVF** As above 2 way, with VRV/2 panel & 1 x VAV/400 video distributor
- 917-0386 **VKIT/3VRACYVF** As above 3 way, with VRV/3 panel & 1 x VAV/400 video distributor
- 912-0131 **VRSH/2** Vandal resistant surface housing, add to the above 1 & 2 way kits to surface mount
- 918-0316 **VRSH/3** Vandal resistant surface housing, add to the above 3 way kit to surface mount

DISABILITY DISCRIMINATION ACT (DDA) 1995 entry panels with PSU and handsets*Panels include large, illuminated tactile/braille button, 'speak now' and 'door open' LEDs and audible indication of lock release. No release. Surface housings available.*

- 917-0508 **VKIT/1DDAYVF** V/R, DDA flush video panel VRVDDA/1, AZ98DDA audio group, MVT/100 camera, 1 x YVF/200UK Lynea monitor & VA/200 PSU
- 917-0509 **VKIT/1DDAPYVF** V/R, DDA flush panel with prox cut out VRVPDDA/1, AZ98DDA audio, MVT/100 camera, 1 x YVF/200UK Lynea monitor & VA/200 PSU.
- 917-0510 **VKIT/1DDAKYVF** V/R, DDA flush panel with keypad VRVKDDA/1, AZ98DDA audio, MVT/100 camera, 1 x YVF/200UK Lynea monitor & VA/200 PSU.

*Note: the YVF/200UK Monitor is made up of YKP/200UK back plate and YV/200 monitor***Targha Digital entry panels**

- NEW** 928-0261 **HAC/200ST** Targha digital panel, requires Targha entry panel and HTS recess backbox
- NEW** 913-0388 **HSV/0ST** Targha video entry panel, aluminium, surface mount, **No buttons**
- NEW** 915-1329 **HAC/200VR** Targha vandal resistant digital panel, requires Targha VR entry panel and HTS recess backbox
- NEW** 918-0716 **HPV/0VR** Targha video entry panel, Vandal Resistant, recessed-mount, **No buttons**
- NEW** 918-0147 **HAV/200** Audio and Video module
- NEW** 918-0165 **HAVC/200** Audio and video colour module
- NEW** 927-0980 **HTS/GR** Targha Panel Back box
- NEW** 915-0675 **HTS/VR** Vandal resistant Targha panel back box

Vandal Resistant Digital entry panels

- NEW** 918-0616 **VRVD/200** Vandal Resistant video digital entry panel, includes HAC/200 keypad and HAV/200 audio/video module
- NEW** 918-0717 **VRVD/200IMP** Vandal Resistant video digital entry panel, includes HAC/200 keypad, prox cut out and HAV/200 audio/video module



YVC MONITOR

Video monitors

- NEW** 918-0446 **YV** Lynea Monitor 4.5" Monochrome Screen (requires YKP/200)
- NEW** 918-0447 **YVC** Lynea Monitor 4.5" Colour Screen (requires YKP/200)
- NEW** 918-0445 **YKP/200** System 200 Lynea Monitor Back Plate And Handset
- 918-0448 **YKT/F** Table Kit for Lynea monitors - RJ45 ended cable supplied
- 918-0718 **OPHERA/B** Semi-recessed, colour monitor with 3.5" tilting display including choice of three coloured front plates. Complete with intercom module and embedding box. For use with the X1 two wire system
- 918-0181 **NOVA6MGR** Nova 2" video monitor, flush with lock release button and auxillary button, grey with back box for brick
- 918-0182 **NOVA6PLGR** Nova 2" video monitor flush receiver with lock release button and auxillary button, grey with back box for plaster board
- 918-0183 **NOVA6MBB** Nova 2" video monitor flush receiver with lock release button and auxillary button, white with back box for brick
- 918-0184 **NOVA6PLBB** Nova 2" video flush receiver with lock release button and auxillary button, white with back box for plaster board

*Note: the Nova monitors consist of the following: NSI/6M, NS/6, NC/221PAGR, NPPI/6VGR & NVN/200. Colour options are available***Control equipment**

- 922-0052 **VA/200** Main power supplier/control unit. Rated at 60VA output 17.5V dc 0.9A
- 922-0051 **VAS/100.20** DC power supplier rated at 60VA output 17.5V dc 1.7A
- 918-0048 **VAV/400P** Amplified video distributor, 4 outputs - 1 advised for every 4 monitors
- 918-0046 **VAV/600** Amplified video distributor, 6 outputs - 1 advised for every 6 monitors
- 918-0017 **VDV/400** Video distributor, 4 outputs to split co-ax
- 918-0250 **VDX/400** Video distributor, 4 outputs to twisted pair
- 918-0098 **VSI/200** Entrance and block selector - 1 needed for each additional entrance
- 918-0147 **HAV/200** Monochrome video/audio module to fit Targha and Vandal Resistant entry panels
- 918-0165 **HAVC/200** Colour video/audio module to fit Targha and Vandal Resistant entry panels
- 915-0286 **IT/200** Telephone interface enables XT/200 telephone to connect to both entry panel and BT line

Cable for Video Systems

- 927-0156 **VCM/130** Composite cable 12 core inc. RG59 Coax, 150m (for panel to PSU)
- 927-0336 **VCM/130CUT** As VCM/130, cut to order, 1m

Note: You will also require an extra call wire per monitor, ie for a 5 way system you will require another 5 wires from the panel to PSU.

- 927-0157 **VCM/60** Composite cable 5 core inc. RG59 Coax, 100m (for PSU to monitors)
- 927-0337 **VCM/60CUT** As VCM/60, cut to order, 1m
- 017-0020 **0170020** White, 4 core, 100m
- 017-0022 **0170022** White, 6 core, 100m



NOVA VIDEO MONITORS





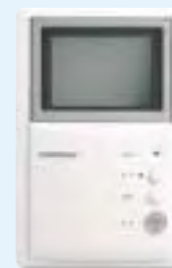
D5501GB

Wireless Audio Door Entry

The wireless audio door entry systems provide a solution where traditional wiring is difficult or costly. Being completely self contained by battery operation, the only wires necessary are those between the door unit and controller, and the locking device - mains versions are available on request.

The systems are available as single function and three function depending upon the requirements. Additional handsets can be ordered separately to operate from the common call button.

The minimum operating distance is 150m. As with all wireless devices, environmental conditions can affect the performance of the units - avoiding transmission through metal clad buildings etc will help to achieve optimum performance.



DPV-2KH MONITOR

C.D.V. (UK) Ltd (1 Year Warranty)

Code

Trade

Wireless Audio Door Entry Kits

- 913-0543 **D5501GB** 1 Function 1 way kit complete (beige) (D5521U) comes complete with a PSU-H mains adapter for handset
- 913-0549 **D5601GB** 3 Function 1 way kit complete (beige) (D5601U) comes complete with a PSU-H mains adapter for handset, includes Stainless Steel cover for door station, this cover does **NOT** cover the push button, so therefore cannot be classed as Vandal Resistant

The kits include:- front surface panel, control & audio handset,
1 function = 1 audio handset & 1 relay output giving 12V dc @ 1.5A
3 function = 1 audio handset, 1 relay output giving 12V dc @ 1.5A , a normally open contact (max 48V dc 1 Amp) & door status indicator

Handsets for Wireless Door Entry Kits

- 915-1108 **D5130GB** 1 Function basic handset (beige) (D5120U) includes rechargeable handset function
- 915-0549 **D5131GB** 3 Function basic handset (beige) (D5121U) includes rechargeable handset function

Accessories for Wireless Door Entry Kits

- 915-0999 **D5802** 2 way door station - requires handset and controller
- 915-1000 **D5821** 1 way door station c/w 2 user code keypad 4 or 6 digits
- 915-1001 **D5822** 2 way door station c/w 2 user code keypad 4 or 6 digits
- 915-1003 **DB601** Vandal resistant cover for 1 button door station
- 915-1004 **DB602** Vandal resistant cover for 2 button door station
- 915-1005 **DB721** Vandal resistant cover for 1 button door station c/w 2 user code keypad
- 915-1006 **DB722** Vandal resistant cover for 2 button door station c/w 2 user code keypad
- 915-0990 **EXTPOWER** Mains adapter for door station also includes CA1R P.S.U
- 915-0557 **SHROUD** Stainless Steel shroud for door stations

Note: EXTPOWER, PSU-H, and SHROUD apply to all ranges

Electronic Telephone directory system

The PDN345/T is a fully featured audio entry system, allowing communication to 345 telephone numbers via an external telephone line. With a 2-line back-lit LCD display to assist visitors, entry/programming keypad, integral proximity reader for 2,760 users and constructed in a marine grade Stainless Steel panel the PDN345/T offers a very competitive solution for a wire-free system with minimal installation time. The unit requires the CIP interface to connect to external land lines and PABX systems.

- 914-0566 **PDN345/T-F** Audio entry system, 345 users, Stainless Steel, flush, no release, requires CIP interface
- 913-0387 **PDN345/T-S** as above, surface
- 925-0253 **LOG-345T** Software for PC programming
- 912-0283 **BMU** RS232 interface for PC
- 914-0569 **PDN-345T-F-KIT** PDN-345T-F, complete with CIP interface, LOG-345T software & BMU RS232 interface
- 913-0533 **PDN-345T-S-KIT** PDN-345T-S, complete with CIP interface, LOG-345T software & BMU RS232 interface
- 926-0142 **CPE** Standard Clamshell Proximity card (with slot) (read range of up to 20cm for cards at optimum performance)
- 926-0143 **CPC** ISO standard printable proximity card (read range of up to 20cm for cards at optimum performance)
- 926-0144 **BP-PG** Proximity grey key fob (read range of up to 15cm for fobs at optimum performance)
- 915-1154 **CIP** CIP interface, telecom approved



PDN345/T

CIP-12DR series Electronic Telephone directory system

The CIP-12DR series provides simple and cost-effective audio entry over the public telephone network - to either land-lines or mobile phones. Up to 12 contacts may be programmed into the unit, each contact having 2 telephone numbers allocated - one for day, one for night.

- 913-0411 **CIP-12DR-1-F** 1 Call button kit complete, flush
- 913-0783 **CIP-12DR-1-S** As above, surface
- 914-0970 **CIP-12DR-2-F** 2 Call button kit complete, flush
- 913-0918 **CIP-12DR-2-S** As above, surface

Note: Integral keypads and proximity readers can be added to the above kits at an additional charge. Larger systems are available. Please contact Technical Sales Support for details.



CIP-12DR-1

GSM Modem for PDN345 systems

The GSM modem allows the PDN345 to be installed in locations where it is impractical to install a telephone landline. It requires a standard SIM card as found in mobile phones that is connected to a mobile network with sufficient credit to be able to make calls (supplied by others). Subject to mobile service providers area coverage.

- 915-1155 **WF-GSM/MODEM** GSM modem interface, requires mobile phone type SIM card connected to a GSM network



VRVE-S-4-ADS



MONO VIDEO DOOR ENTRY



COLOUR VIDEO DOOR ENTRY



DIGITAG LR

C.D.V. (UK) Ltd (1 Year Warranty) (continued)

Code

Trade

2-WIRE 1 Way Hands-Free Monochrome Video Door Entry

A fully automatic video intercom system. When a call is made at the door the image appears immediately on the monitor, making it possible to converse prior to releasing the door.

The monitor can also be operated by pushing the auto switch-on button. In both cases disconnection is automatic after approximately 60 seconds leaving the equipment in standby mode.

- 917-0117 **SVE-F-2** 1 way 2-wire **FLUSH** video entry kit, hands-free
- 916-0145 **SVE-S-2** 1 way 2-wire **SURFACE** video entry kit, hands-free
- 917-0118 **VRVE-F-2** 1 way 2-wire Vandal Resistant **FLUSH** video entry kit, hands-free
- 916-0146 **VRVE-S-2** 1 way 2-wire Vandal Resistant **SURFACE** video entry kit, hands-free

Note, The 2-wire video entry system has a maximum capacity of 1 x camera to 2 x monitors. Integral keypads and proximity readers can be added to the above VRVE kits only at an additional charge. Please contact Technical Sales Support for details.

2-WIRE Hands-Free Video Accessory

- 918-0175 **DPV-2KH** Additional Hands-Free video monitor

4-WIRE 1 Way Monochrome Video Door Entry (Mix 'n' Match)

Door Stations



- 918-0908 **DRC-40BP** Narrow style camera unit, shallow profile, robust cast aluminium
- 918-0909 **DRC-40BG** Standard camera unit, shallow profile, robust cast aluminium
- 916-0308 **VRVE-F-4-ADS** Additional **FLUSH** vandal resistant door station
- 916-0215 **VRVE-S-4-ADS** Additional **SURFACE** vandal resistant door station

Monitors



- 918-0176 **DPV-4PE2** Master monitor, accepts up to 2 door stations and connects to up to 3 slave monitors (DPV-4PB) and/or 1 x audio handset (DR-4RV)
- 916-0623 **DPV-4PB** Slave monitor - up to 3 can be connected to the master (DPV-4PE2)
- 915-1672 **DR-4RV** Audio handset - can take the place of 1 DPV-4PB monitor
- 918-0894 **DPV-4RH** Hands-free monitor **

Note: **The DPV-4RH Hands-free monitor can only be used as part of a 1 to 1 system and cannot be mixed with the other above monitors.

Note, The 4-wire video entry system has a maximum capacity of 2 x cameras to 4 x monitors. The monitors are traditional, and not Hands-Free. It is possible to connect an audio handset to the system, it takes the place of 1 x monitor. Integral keypads (ADD-CB) and proximity readers (ADD-PROX) can be added to the above VRVE door stations only at an additional charge. Please contact Technical Sales Support for details.

4-WIRE 1 Way COLOUR Video Door Entry (NOT Hands-Free)

- 916-0149 **SVE-S-4-C** 1 way 4-wire **SURFACE/SEMI FLUSH** video entry kit, colour
- 917-0122 **VRVE-F-4-C** 1 way 4-wire Vandal Resistant **FLUSH** video entry kit, colour
- 916-0150 **VRVE-S-4-C** 1 way 4-wire Vandal Resistant **SURFACE** video entry kit, colour

Note, The 4-wire video entry system has a maximum capacity of 1 x camera to 4 x monitors. The monitors are traditional, and not Hands-Free. Particular attention must be paid to installing the correct cable size and distance, to achieve the optimum colour picture quality.

4-WIRE Video Accessory

- 918-0179 **CDV-50** Additional colour video monitor

CABLE SPECIFICATION

- 2 & 4 wire video cable specs are common:
- up to 50 metres, 22 AWG ● up to 100 metres, 0.75mm

DIGITAG-LR Long Range Reader System

DIGITAG-LR is a new, innovative long-range reader/tag system. With range adjustment from 1 – 15 metres**. DIGITAG-LR offers true hands-free access control for personnel and vehicles alike. The reader has a selectable output for wiegand, clock & data and CDV format, making the product suitable for connection to all standard access control systems. The problem of limited life in traditional active tags is removed, by the ability to change the readily available battery within the tag – this means the tag has an infinite shelf-life, and will continue working for many years (same as any passive tag). DIGITAG-LR has brought hands-free access control within the reach of most people's budgets, where traditional hands-free products have been uneconomical.

DIGITAG-LR has the ability to connect to most access control systems due to the inclusion of a selectable output.

** All RF devices can be affected by environmental conditions, therefore there may be some increase/decrease experienced in the range.



- 909-0510 **DTLR1-R** Long range receiver, in ABS housing with range adjustment. Requires 8-30V dc, current draw @ 40m/Amps. Selectable data output (Wiegand, clock & data etc) IP55. 90 x 60 x 22mm
- 926-0808 **DTLR1-TO** Long range tag transmitter, no buttons. Active tag with **changeable battery** for long life
- 926-0809 **DTLR-T1** Long range tag transmitter, 1 button for manual transmit. Active tag with **changeable battery** for long life
- 927-2612 **300445** Varta 3V CR2032 Coin Cell Lithium replacement battery



Private - Proximity access control kits

914-0194	2284 Audio Private flush kit
913-0216	2285 Audio Private surface kit
917-0097	2286 Video Private flush kit
916-0100	2287 Video Private surface kit
926-0328	2363 Proximity card
926-0466	XK-2 Proximity tag

Note: The above kits include door panel, PSU, internal unit (where required), 6 x proximity cards (system capacity 400) & mortice release.

Stand alone keypads 100 codes

902-0117	3610 Memocity keypad, flush mount, 100 user codes, 4, 5 or 6 digit code, 2 outputs
902-0118	3600 Memocity 100 code keypad kit, inc flush keypad, PSU & release
915-0008	8951 Surface back box, to surface mount Memocity keypad

AUDIO DOOR ENTRY**Neox 2 wire Audio kit**

913-0928	5370 Surface mount 1 way 2 wire kit
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Neox 4+n Audio kits

916-0534	5350 Surface mount 1 way audio kit c/w Sailing audio handset
916-0535	5351 Surface mount 2 way audio kit c/w Sailing audio handset

CityMax flush audio kits (include 8044 CityMax telephone)

914-0609	6940 Flush mount 1 way kit, inc. panel, phone & PSU. No release
914-0610	6262 As above. 2 way
914-0611	6362 As above. 3 way
914-0612	63351 As above. 4 way
914-0613	63401 As above. 6 way
914-0614	63451 As above. 8 way

Larger kits/systems are available and can be surface mounted by the addition of the relevant series surface box.

CityMax surface audio kits (include 8044 CityMax telephone)

913-0628	68706 Surface mount 1 way kit, inc. panel, phone & PSU, No release
913-0629	63256 As above. 2 way
913-0630	63306 As above. 3 way
913-0631	63356 As above. 4 way
913-0632	63406 As above. 6 way
913-0633	63456 As above. 8 way

Larger kits/systems are available

Memophone flush kits (combined audio/100 code keypad)

914-0825	3602 Flush mount 1 way, audio/keypad kit, inc panel, keypad, phone, PSU & rim release
914-0826	3604 As above 2 way

Larger kits/systems are available

Memophone surface kits (combined audio/100 code keypad)

913-0288	36035 Surface mount 1 way, audio/keypad kit, inc panel, keypad, phone, PSU & rim release
913-0289	36055 As above 2 way

Larger kits/systems are available

Vandal Resistant systems (Stainless Steel panel)

927-0098	VR1K V/R system 1 way, inc Stainless Steel panel with FLUSH back box, phone, & PSU
913-0113	VR1KS V/R system 1 way, inc Stainless Steel panel with SURFACE back box, phone, & PSU
913-0114	VR2KS As above, 2 way
913-0115	VR3KS As above, 3 way
913-0116	VR4KS As above, 4 way
913-1088	VR5KS As above, 5 way
913-0334	VR6KS As above, 6 way
913-1089	VR7KS As above, 7 way
913-1090	VR8KS As above, 8 way

Larger systems are available

Vandal Resistant audio/keypad systems (Stainless Steel panel)

914-0106	VR1KNC V/R 1 way, audio/keypad kit, inc Stainless Steel panel with FLUSH back box, keypad, phone & PSU
913-0129	VR1KNCS V/R 1 way, audio/keypad kit, inc Stainless Steel panel with SURFACE back box, keypad, phone & PSU

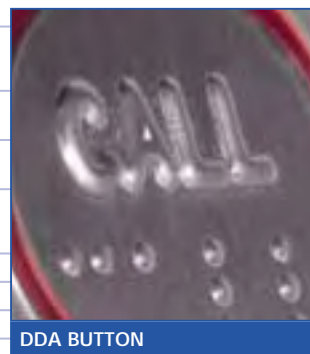
Larger systems are available

DDA Vandal Resistant Audio Kits (Stainless Steel panels)

914-1106	VR1BRLFK 1 way DDA Stainless Steel kit - FLUSH
913-1085	VR1BRLSK 1 way DDA Stainless Steel kit - SURFACE
913-1086	VR1BRLNCSK DDA KIT 1 way audio SURFACE + keypad
913-1087	VR1BRLXSK DDA KIT 1 way audio SURFACE + prox reader



DDA 1 WAY AUDIO



DDA BUTTON

NEW
NEW
NEW
NEW
NEW
NEW
NEW

NEW
NEW
NEW
NEW



DECT KIT



DECT PANEL



DECT TELEPHONE



MICROLINE VIDEO MONITOR

FERMAX (1 Year Warranty) (continued)

Code

Trade

Handsets & Accessories

915-0215	8044	CityMax audio telephone
915-0413	8099	CityMax Basic table mount audio telephone
915-0231	2451	Basic ADS audio telephone
915-1164	5302	Sailing audio handset, metallic finish
915-1165	5310	Sailing ADS audio handset, metallic finish
927-0272	2040	Call extension sounder
922-0232	4800	PSU 12V AC
915-0054	8811	Automatic audio switcher, for 2 doors, one required for two entrances
922-0157	88231	12V dc PSU (inc 12V AC for audio), for use with 2 door switcher, to be used with 8811
915-0008	8951	Surface back box, to surface mount Memory keypad
915-0009	8954	Surface box, series 4
915-0051	8955	Surface box, series 5

Wireless DECT Door Entry Kit



913-1023	1200	Flush 1 way DECT audio kit, inc. panel, cordless telephone with charging base, PSU and release. Requires 8951 backbox to surface mount	310.00
915-1460	1206	Additional DECT handset for above kit for inter-communication purposes only. This unit will not talk to the front panel	85.00

UNIVERSAL SYSTEMS

Fermax universal equipment has been developed with the installer in mind. They can replace most other makes of door entry equipment (buzzer or electronic) by simply following the conversion chart supplied. Therefore the installer will no longer have to carry a multitude of other types of door entry system components.

915-0216	8039	Universal CityMax telephone handset (in the style of a 8044 CityMax phone)
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The above telephone is designed to replace most other makes of door entry telephones (5 wires required).

915-1166	8050	Universal Amplifier pack
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Designed for replacement of amplifiers of other makes (4+N type installations or 5 wire systems). Not suitable for telephones using electret microphones. Connects to existing speaker and microphone.

Multiway Intercom Kits (3 WIRE BUS)

913-0329	9042	Intercom BUS kit 2 way, inc. 2 handsets & PSU
915-0565	8084	Palace intercom BUS telephone (max 12 extensions)
915-0566	9010	Palace intercom BUS desktop telephone (max 12 extensions)
915-0567	9020	1 way additional multiway panel
915-0568	8086	Palace extra BUS 3 telephone (max 12 extensions)
915-0569	88039	Intercom PSU BUS 3
915-0570	9017	Multiway switcher BUS 3

Multiway Intercom & Door Panel Kits (3 WIRE BUS)

913-0330	9022	Kit includes; 1 way entrance panel, 2 intercom phones, switcher & PSU
915-0565	8084	Palace intercom BUS telephone (max 12 extensions)

MICROLINE press to talk kits

A new line of 1 way audio and video door entry kits that include MICRO model telephone and monitors. MICRO terminals are comfortable and easy to use intercom devices. "press-to-talk, let go to listen". They are very slim surface-mounted devices. This equipment is recommended to be installed in shops, businesses, receptions, pharmacies, petrol stations, homes etc.

914-0615	1151	1 way audio kit
917-0376	1153	1 way video kit (colour)
917-0377	1154	1 way video kit (mono)
915-1010	1152	Audio press to talk handset
918-0467	1155	Video press to talk monitor (mono)
915-1441	4812	Additional PSU for parallel monitors (3rd & 4th monitors)

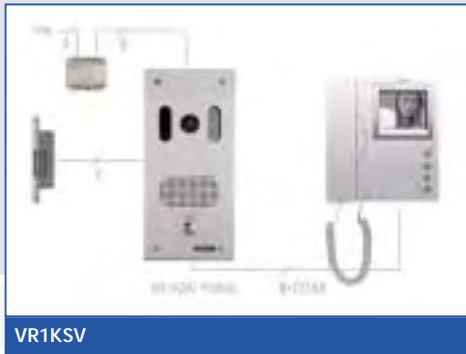


Fermax continued overleaf





HALO PANEL 1 WAY



VR1KSV



SAILING MONITOR

FERMAX (1 Year Warranty) (continued)

Code

Trade

VIDEO DOOR ENTRY (COAXIAL)

CityMax flush kits/systems

917-0007 **6002** CityMax 1 way flush mount kit, inc panel, monitor/phone, PSU & rim release. Series 4

917-0010 **6006** As above 2 way

Sailing video kits

917-0527 **5304** Sailing mono 1 way flush mount kit, inc panel, Sailing monitor, PSU, electric lock release and a free extra Sailing audio handset

917-0528 **5300** Sailing colour 1 way flush mount kit, inc panel, Sailing monitor, PSU, electric lock release and a free extra Sailing audio handset

Olympo Video Kit

917-0621 **5410** Olympo colour 1 way flush mount kit, inc panel, Olympo monitor, PSU and electric lock release

CityMax Memovision flush kits (combined video/100 code keypad)

917-0115 **3606** CityMax 1 way flush mount, video/keypad kit, inc panel, keypad, phone, PSU & release. Series 6

917-0116 **3608** As above 2 way

HALO Video Kit

916-0655 **5710** 1 way Colour Halo video kit - Includes Halo panel and Loft Monitor

Vandal Resistant systems (Stainless Steel panel)

917-0529 **VR1KV** V/R video kit 1 way, inc Stainless Steel panel with **FLUSH** back box, camera, monitor/phone & PSU

916-0481 **VR1KSV** V/R video kit 1 way, inc Stainless Steel panel with **SURFACE** back box, camera, monitor/phone & PSU

Vandal Resistant video/keypad systems (Stainless Steel panel)

916-0030 **VR1KNKV** V/R video kit 1 way, inc Stainless Steel panel with **FLUSH** back box, keypad, camera, monitor/phone & PSU

916-0482 **VR1KNCSV** V/R video kit 1 way, inc Stainless Steel panel with **SURFACE** back box, keypad, camera, monitor/phone & PSU

DDA Vandal Resistant Video Kits (Stainless Steel panels)

916-0656 **VRV1BRLSK** DDA KIT 1 way video b/w Surface

916-0657 **VRV1BRLXSK** DDA KIT 1 way video b/w Surface + prox reader

916-0658 **VR1VBRLSK** DDA KIT 1 way video colour Surface

916-0659 **VR1VBRLXSK** DDA KIT 1 way video colour Surface + prox reader

Accessories

918-0057 **8022** CityMax Basic video monitor (requires connector plate Ref. 8032)

918-0140 **8032** CityMax Basic connector plate, for CityMax Basic video monitor

918-0058 **8023** CityMax Export video monitor manufactured to a new concept design. (requires connector plate Ref. 8033)

918-0141 **8033** CityMax Extended connector plate, for other video monitors (including CityMax export monitor)

918-0583 **5303** Sailing Mono Monitor, metallic finish (requires connector plate Ref. 8032)

918-0584 **5301** Sailing Colour Monitor, metallic finish (requires connector plate Ref. 8032)

918-0585 **3310** Loft Mono Monitor (requires connector plate Ref. 3315)

918-0586 **3312** Loft Colour Monitor (requires connector plate Ref. 3315)

918-0587 **3315** Loft Connector plate

918-0668 **5404** Olympo Colour Monitor (requires connector plate Ref.8032)

918-0059 **8232** CityMax monitor table mounting kit (for use with 8022 basic monitor) c/w back plate & junction box

922-0041 **6062** Additional PSU, required to run 2 monitors per call line

918-0053 **2470** TV Modulator, to connect monitor image to TV set

927-0060 **SK** Security key

918-0142 **2448** 2 - Line video distributor

918-0143 **2449** 4 - Line video distributor

927-0158 **5920** Composite cable per 50m - 11 core (8 x 0.5mm & 3 x 1mm stranded) + RG59 coax



OLYMPO MONITOR



8023 MONITOR

ADS DIGITAL CityMax VIDEO KITS (Monochrome kits) (3 + coax = 40m)

The ADS video kits are complete systems which utilise an in-built microprocessor. This enables each terminal, monitor or telephone to be initiated into the system by addressing the terminal via a call from the door panel whilst in programming mode. All this is achieved by the use of 3 x 1mm and coax common to all terminals (max distance 100m). DC lock output. 2 monitors or 3 handsets can be installed per call line.

917-0011 **6030** ADS flush mount kit 1 way, inc panel, monitor/phone, PSU & rim release. Series 4

917-0038 **6034** As above 2 way, Series 4

917-0039 **6038** As above 3 way Series 4

Loft ADS video kits

917-0654 **3340** Loft mono 1 way ADS/V5 flush mount kit, inc panel, Loft monitor, PSU and lock release, Series 4

917-0653 **3332** As above, 2 way kit, Series 5

917-0652 **3324** As above, 3 way kit, Series 5

Note: The above kits can be installed using 3 wires + coax, or using 5 wires and no coax

ADS Digital Memory 128 kit

917-0092 **6115** CityMax 1 way flush mount kit, inc panel, memory monitor/phone, PSU & rim release

Note: The monitor can store pictures of the last 128 calls with their corresponding date & time.

For more information about our products, please call +353 (0) 1450 1366



KIT DIRECT 199



BRUTO KITS



BRUTO KITS

FERMAX (1 Year Warranty) (continued)

Code

Trade

ADS DIGITAL CityMax VIDEO KITS (Colour kits)

917-0012	6047	ADS flush mount kit 1 way, inc panel, monitor/phone, PSU & rim release. Series 4
917-0040	6071	As above 2 way, Series 4
917-0041	6073	As above 3 way, Series 4

Loft ADS Colour video kits

917-0651	3330	Loft colour 1 way ADS/V5 flush mount kit, inc panel, Loft monitor, PSU and lock release, Series 4
917-0650	3333	As above, 2 way kit, Series 5
917-0655	3335	As above, 3 way kit, Series 5

Note: The above kits can be installed using 3 wires + coax, or using 5 wires and no coax

199 KITS

Kit Vox 199 (Audio)

Audio door entry system kit for buildings up to 199 apartments, all references in one kit, TELEPHONES NOT INCLUDED.

913-0217	6151	Kit Bruto Vox 199, audio entry flush kit, no telephones
913-0218	6093	Kit Vox 199, audio entry flush kit, no telephones
915-0231	2451	ADS CityMax telephone
913-0392	2118	Surface box, to make the 6151 surface
915-0051	8955	Surface box, series 5 (two required to make the 6093 surface)

KIT DIRECT 199 (Monochrome Video)

Video door entry system kit for buildings up to 199 apartments, all references in one kit, MONITORS NOT INCLUDED.

916-0101	6132	Kit Bruto Direct 199, video entry flush kit, no monitors
917-0042	6092	Kit Direct 199, video door entry flush kit, no monitors
916-0102	6094	Kit Direct 199, video colour door entry flush kit, no monitors

Note: the mono kit requires the 2447 video monitor & the colour kit requires the 2446 colour video monitor, both monitors require the 2454 backplate.

918-0163	2447	ADS monochrome video monitor (requires a back plate)
918-0470	2446	ADS colour video monitor (requires a back plate)
918-0588	5306	Sailing ADS monochrome video monitor (requires back plate 2454)
918-0589	5305	Sailing ADS colour video monitor (requires back plate 2454)
918-0164	2454	Back plate to use with 2447, 2446, 5306 & 5305 video monitors
918-0590	3311	Loft ADS monochrome video monitor (requires back plate 3314)
918-0591	3313	Loft ADS colour video monitor (requires back plate 3314)
918-0592	3314	Back plate to use with 3311 & 3313 monitors
928-0121	2119	Surface box, to make the 6132 surface
915-0051	8955	Surface box, series 5 (two required to make the 6092 surface)

CABLE (maximum distance between panel and phone is 100m using 3+COAX (5919) cable) for longer distances please contact the Technical Sales Support department.

927-0282	5919	ADS specialised cable 3 x 1mm + 75 ohm coax per 100m
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Bruto Vandal Resistant audio/video Kits

Audio

914-0189	2601	1 way Bruto Audio Kit (Amplifier includes a voice synthesiser)
915-0846	2115	Surface box for 2601

Audio Accessories

915-0215	8044	CityMax audio telephone (Up to 3 telephones without additional PSU)
915-0414	2246	Bruto audio kit panel (Flush box included)
915-0846	2115	Surface box for 2246

Video

916-0103	2239	1 way Bruto Video ADS Digital Kit (Amplifier includes a voice synthesiser)
928-0243	2116	Surface box for 2239

Video Accessories

918-0144	2248	Bruto video kit panel (Flush box included)
928-0243	2116	Surface box for 2248





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ECONOMY AUDIO & VIDEO KITS



GENYA AUDIO KITS



SINTHESI 1145 RANGE

URMET (1 Year Warranty)

Code

Trade

Audio Door Entry

Economy Audio Kits

The audio door entry kits below include a surface/semi flush panel, the relevant number of handsets & transformer

- 907-0065 **1129/501** Smyle Audio door entry 1 way surface Kit complete with rim/mortice release (1133/1 handset)
 913-0968 **1129/502** As above 2 way (1129/502)
 913-0969 **1129/10** Smyle 1 way 2 wire audio entry kit inc. surface panel, transformer & 1133 style handset. No release

Vandal Resistant mini kit

The VS-SA1M vandal resistant audio kit has one of the smallest surface mount Stainless Steel 1-way panels available measuring just 75mm x 147mm x 55mm (WxHxD) making it ideal for narrow mount and pedestal applications. 1133 Atlantico handset included. Use POST1-MVR for post mount applications (915-0997). The lock output is 12V AC or a timed relay.

- 913-0172 **VS-SA1M** Mini V/R surface panel audio door entry kit, 1 way inc. transformer & phone. No release

Genya Audio Kits - Aluminium Panel

Genya Slim surface mount audio kits contain an ABS/anodised aluminium entry panel and 1133 Atlantico handsets.

- 913-0970 **1128-SA3** 3 way Genya slim surface panel audio entry kit, inc transformer & 3 phones. No release
 913-0971 **1128-SA4** As above 4 way
 913-0972 **1128-SA5** As above 5 way
 913-0973 **1128-SA6** As above 6 way
 913-0974 **1128-SA7** As above 7 way
 913-0987 **1128-SA8** As above 8 way
 913-0975 **1128-SA9** As above 9 way
 913-0976 **1128-SA10** As above 10 way

Larger Genya series audio kits and kits with trades facility are also available. Lock output is 12V AC or timed relay.

Sinthesi 1145 Surface Audio Kits

Sinthesi audio kits contain an anodised aluminium flush mount entry panel with backlit push buttons and nameplates. Flexible design also allows flush Sinthesi panels to be installed horizontally as well as vertically. Sinthesi kits feature the Atlantico handset which redefines modern contemporary design.

- 913-0305 **1145-SA1** 1 way 1145 Surface mount panel audio entry kit, inc transformer & 1 phone. No release
 913-0306 **1145-SA2** As above 2 way
 913-0307 **1145-SA3** As above 3 way
 913-0308 **1145-SA4** As above 4 way
 913-0309 **1145-SA5** As above 5 way
 913-0310 **1145-SA6** As above 6 way
 913-0607 **1145-SA7** As above 7 way
 913-0448 **1145-SA8** As above 8 way
 913-0608 **1145-SA9** As above 9 way
 913-0609 **1145-SA10** As above 10 way

Larger Sinthesi systems and systems with trades facility/proximity/keypad and video options are available. The lock release output is 12V AC @ 1A.

Sinthesi 1145 Flush Audio Kits - Horizontal and vertical mounting options

- 914-0251 **1145-FA1** 1 way 1145 flush mount panel audio entry kit, inc transformer & 1 phone. No release
 914-0252 **1145-FA2** As above 2 way
 914-0253 **1145-FA3** As above 3 way
 914-0254 **1145-FA4** As above 4 way
 914-0255 **1145-FA5** As above 5 way
 914-0256 **1145-FA6** As above 6 way
 914-0584 **1145-FA7** As above 7 way
 914-0585 **1145-FA8** As above 8 way
 914-0586 **1145-FA9** As above 9 way
 914-0587 **1145-FA10** As above 10 way

Larger Sinthesi systems and systems with trades facility/proximity/keypad and the video options are available. The lock release output is 12V AC @ 1A





K-STEEL AUDIO KITS



K-STEEL AUDIO PANEL

URMET (1 Year Warranty) (continued)

Code

Trade

K-Steel Surface Audio kits

K-Steel vandal resistant entry kits offer a modular Stainless Steel panel, which offers flexibility in panel design and greatly reduces delivery time. The panels are rated to IP45. The IP45 rating is a 2 figure number that represents a testing procedure. In this case, 4 = protected against insertion of solid objects over 1mm & 5 = protected against low pressure jets of water from all directions. The buttons and engravable nameplates are LED back lit. Integrated coded access keypad and proximity modules are available. K-Steel kits feature the Atlantico handset which redefines modern contemporary design.

- 913-0173 **KS-SA1** Stainless Steel surface mount 1 way audio entry kit inc. transformer & phone. No release
- 913-0174 **KS-SA2** As above 2 way
- 913-0175 **KS-SA3** As above 3 way
- 913-0176 **KS-SA4** As above 4 way
- 913-0177 **KS-SA5** As above 5 way
- 913-0178 **KS-SA6** As above 6 way
- 913-0179 **KS-SA7** As above 7 way
- 913-0180 **KS-SA8** As above 8 way
- 913-0181 **KS-SA9** As above 9 way
- 913-0182 **KS-SA10** As above 10 way

Larger K-Steel systems plus proximity/keypad and video options are available. The lock release output is 12V AC @ 1A or a timed relay.

K-Steel flush Audio kits

- 914-0213 **KS-FA1** Stainless Steel flush mount 1 way audio entry kit inc. transformer & phone. No release
- 914-0214 **KS-FA2** As above 2 way
- 914-0215 **KS-FA3** As above 3 way
- 914-0216 **KS-FA4** As above 4 way
- 914-0217 **KS-FA5** As above 5 way
- 914-0218 **KS-FA6** As above 6 way
- 914-0588 **KS-FA7** As above 7 way
- 914-0436 **KS-FA8** As above 8 way
- 914-0524 **KS-FA9** As above 9 way
- 914-0589 **KS-FA10** As above 10 way

Larger K-Steel systems plus proximity/keypad and video options are available. The lock release output is 12V AC @ 1A or a timed relay.

K-Steel Surface Audio/Keypad kits

- 913-0183 **KS-SAK1** Stainless Steel surface mount 1 way audio/keypad entry kit inc. transformer & phone. No release
- 913-0184 **KS-SAK2** As above 2 way
- 913-0185 **KS-SAK3** As above 3 way
- 913-0186 **KS-SAK4** As above 4 way
- 913-0187 **KS-SAK5** As above 5 way
- 913-0188 **KS-SAK6** As above 6 way
- 913-0610 **KS-SAK7** As above 7 way
- 913-0611 **KS-SAK8** As above 8 way
- 913-0612 **KS-SAK9** As above 9 way
- 913-0613 **KS-SAK10** As above 10 way

Larger K-Steel systems plus proximity and video options are available. The lock release output is 12V AC @ 1A or a timed relay.

K-Steel flush Audio/Keypad kits

- 914-0177 **KS-FAK1** Stainless Steel flush mount 1 way audio/keypad entry kit inc. transformer & phone. No release
- 914-0178 **KS-FAK2** As above 2 way

Larger K-Steel systems plus proximity and video options are available. The lock release output is 12V AC @ 1A or a timed relay.

K-Steel DDA Audio kits

K-Steel vandal resistant entry kits offer a modular Stainless Steel panel, which offers flexibility in panel design and greatly reduces delivery time. The panels are rated to IP45. The IP45 rating is a 2 figure number that represents a testing procedure. In this case, 4 = protected against insertion of solid objects over 1mm & 5 = protected against low pressure jets of water from all directions. The buttons and engravable nameplates are LED back lit. Integrated coded access keypad and proximity modules are available. K-Steel kits feature the Atlantico handset which redefines modern contemporary design. The K-Steel DDA module is suitable for all K-Steel panel configurations including Digital Digivoice, and provides off the shelf solutions for systems installed in Public Access buildings. The lock output is 12V AC or a timed relay.

- 914-0801 **KS-FA1DDA** 1 way DDA K-Steel FLUSH mount panel audio entry kit, inc transformer & 1 phone. No release
- 913-0846 **KS-SA1DDA** 1 way DDA K-Steel SURFACE mount panel audio entry kit, inc transformer & 1 phone. No release
- 914-0802 **KS-FAK1DDA** 1 way DDA K-Steel FLUSH mount panel audio entry with keypad kit, inc transformer & 1 phone. No release
- 913-0847 **KS-SAK1DDA** 1 way DDA K-Steel SURFACE mount panel audio entry with keypad kit, inc transformer & 1 phone. No release
- 914-0803 **KS-FAP1DDA** 1 way DDA K-Steel FLUSH mount panel audio entry with proximity reader kit, inc transformer & 1 phone. No release
- 913-0848 **KS-SAP1DDA** 1 way DDA K-Steel SURFACE mount panel audio entry with proximity reader kit, inc transformer & 1 phone. No release

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ATLANTICO AUDIO HANDSETS



DOMUS AURA



TRANSIT



STAINLESS STEEL POSTS

URMET (1 Year Warranty) (continued)

Code

Trade

Audio Accessories

915-1358	1130	12V AC buzzer type telephone with lock release key
915-0324	1132	Telephone audio handset with door release key
915-0497	1132/50	Desk mount kit to suit 1132 telephone
912-0215	1133	Atlantico audio handset with door release key & extra button
915-1152	1133/12	Atlantico 12 button audio handset
915-1153	1133/20	Atlantico audio handset with privacy button, door open indicator and door release key
915-0546	1133/50	Desk mount kit to suit Atlantico 1133 telephone
915-0499	9854/41	Extension sounder (for electronic call handsets)
922-0201	786/13	Audio PSU with high output PS, timed relay & 2 tone generator
915-0323	ENG2	Engraving per name plate for K-Steel panels (max 10 Char)
928-0245	ENG6	Engraving per name plate for Sinthesi panels (max 10 Char)
927-1277	ENG6/2	Engraving for double Sinthesi name plate (max 4 Char each)

Domus Aura - Audio

The Domus Aura range has been designed using high quality materials to achieve an attractive and robust panel with a super mirrored Stainless Steel fascia providing protection with style. The frame is PVD treated brass, ensuring that the panel is kept untarnished, push buttons and LED backlit nameplates are brass. Kits also contain amplifier, transformer/power supply and relevant number of 1133 Atlantico handsets for audio or Artico video handsets for video kits.

914-0219	1110-FA1	Domus Aura flush mount audio kit 1-way
914-0220	1110-FA2	As above 2 way

The above Domus Aura panels are available up to 20 way. The lock release output is 12V AC @ 1A or a timed relay.

Domus Aura - Video (mono)

917-0112	1710-FV1	Domus Aura flush mount mono video kit 1-way
917-0113	1710-FV2	As above 2 way

The above Domus Aura panels are available up to 20 way. The lock release output is 12V AC @ 1A or volt free relay contacts.

Easivoice Digital Intercom system up to 97 intercom phones (9 wire BUS)

915-0354	926/1	Intercom phone including integral keypad
922-0076	926/3	Power Supply 38VA, for maximum of 25 Intercom phones (4 required for 97 phones)
915-0355	926/4	Desk kit for intercom phone

Transit Dual Technology (RF and Proximity)

Transit is a 2 channel 500 user controller with built in display and programming reader. The radio range is 26m free field, or 46m free field with antenna. Transit can be powered by 12V AC/dc and is wall or DIN rail mountable. The lock output is via a timed relay.

911-0204	1104/1	Transit dual technology 2 Channel 500 user controller
926-0411	1104/5	Dual technology RF/proximity key
926-0491	1125/50-1	Proximity key (price each)
926-0412	1125/50	Proximity key (Pack of 10)
909-0181	1104/12	Transit proximity reader for Kombi (can also be used with K-Steel using 1155/50/P)
915-0513	1155/50/P	K-Steel proximity reader housing for Transit/panel mount reader
927-0727	1104/52	Antenna Kit for Transit (with 3m lead)
922-0075	9000/230	12V AC Transformer (18 VA)

Stainless Steel Posts

915-0996	POST1	Stainless Steel vehicle height post 80x80x1200mm
915-0772	POST1-KS1	Stainless Steel vehicle height post 80x80x1200mm to suit 1 module K-Steel surface kits
928-0060	POST1-KS2	Stainless Steel vehicle height post 80x80x1200mm to suit 2 module K-Steel surface kits
928-0086	POST1-KS3	Stainless Steel vehicle height post 80x80x1200mm to suit 3 module K-Steel surface kits
915-0997	POST1-MVR	Stainless Steel vehicle height post 80x80x1200mm to suit mini V-Steel audio panel
915-0998	POST2	Stainless Steel dual height vehicle post 80x80x2000mm
927-1280	POST3	Stainless Steel pedestrian height post 80x80x1600mm
915-0773	POST-ROOT	Root for POST1 and POST2

Urmet continued overleaf





GENYA VIDEO PANELS



SINTHESI VIDEO PANELS



K-STEEL DDA VIDEO PANEL

URMET (1 Year Warranty) (continued)

Code

Trade

Video Door Entry

Economy 2 wire Video Kits

The 952/11 2 wire video kit with Smyle video panel. The kit can be expanded by one audio handset, sounder or one video monitor.

- 916-0566 **952/11** 2 wire SMYLE mono Atlantico video kit complete with PSU
 918-0528 **1702/1** Atlantico monitor for use as a second monitor on a 952/11 kit (also need 789/2 PSU and 1202/90 bracket)
 918-0740 **1202/90** Wall bracket for Atlantico video handset
 916-0567 **952/41** 2 wire SMYLE colour Atlantico video kit

Genya Video Kits - Aluminium Panel

Genya Slim surface mount video kits contain an ABS/anodised aluminium entry panel and Artico video handsets.

- 916-0568 **1128-SV3** 3 way Genya slim surface panel video entry kit, inc transformer & 3 video handsets. No release
 916-0569 **1128-SV4** As above 4 way
 916-0570 **1128-SV5** As above 5 way
 916-0571 **1128-SV6** As above 6 way
 916-0572 **1128-SV7** As above 7 way

Larger Genya video kits and kits with trades facility are also available. The lock release output is 12V AC @ 1A or volt free relay contacts.

Sinthesi 1145 Surface Video Kits (mono)

1145 coax video kits contain the flexible SINTHESI design modular anodised aluminium panel, amplifier, power supply, relevant number of Artico monitors and 4 way video distributors (above 1-way). Flush Sinthesi panels may be horizontally or vertically mounted.

- 916-0152 **1145-SV1** 1 way 1145 SINTHESI surface mount kit inc. surface panel (1 module), PSU & monitor/phone. No release
 916-0153 **1145-SV2** As above 2 way (1 module)
 916-0154 **1145-SV3** As above 3 way (2 modules)
 916-0155 **1145-SV4** As above 4 way (2 modules)
 916-0156 **1145-SV5** As above 5 way (2 modules)
 916-0157 **1145-SV6** As above 6 way (2 modules)
 916-0324 **1145-SV7** As above 7 way

These kits are also available in flush and larger sizes with prox and keypad options and can be expanded for multi entrance applications. The lock release output is 12V AC @ 1A or volt free relay contacts. Colour systems also available.

Sinthesi 1145 Flush Video Kits (mono) - Horizontal and vertical mounting options

- 917-0124 **1145-FV1** 1 way 1145 SINTHESI flush mount kit inc. flush panel (1 module), PSU & monitor/phone. No release
 917-0125 **1145-FV2** As above 2 way (1 module)
 917-0126 **1145-FV3** As above 3 way (2 modules)
 917-0127 **1145-FV4** As above 4 way (2 modules)
 917-0128 **1145-FV5** As above 5 way (2 modules)
 917-0129 **1145-FV6** As above 6 way (2 modules)
 917-0340 **1145-FV7** As above 7 way
 917-0341 **1145-FV8** As above 8 way
 917-0342 **1145-FV9** As above 9 way
 917-0273 **1145-FV10** As above 10 way

The above kits are also available in larger sizes with prox and keypad options and can be expanded for multi entrance applications. The lock release output is 12V AC @ 1A or volt free relay contacts. Colour systems also available.

K-Steel surface Video Kits (mono)

- 916-0061 **KS-SV1** 1 way K-Steel SURFACE mount kit inc. surface panel (2 module), PSU & monitor/phone. No release
 916-0062 **KS-SV2** As above 2 way (2 module)
 916-0063 **KS-SV3** As above 3 way (2 module)
 916-0064 **KS-SV4** As above 4 way (2 module)
 916-0065 **KS-SV5** As above 5 way
 916-0066 **KS-SV6** As above 6 way

These kits are also available in flush and larger sizes with prox and keypad options and can be expanded for multi entrance applications. The lock release output is 12V AC @ 1A or volt free relay contacts. Colour systems also available.

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K-STEEL VIDEO KITS



ATLANTICO VIDEO HANDSET



ARTICO VIDEO HANDSET

URMET (1 Year Warranty) (continued)

Code

Trade

K-Steel flush Video Kits (mono)

K-Steel vandal resistant entry kits offer a modular Stainless Steel panel, which offers flexibility in panel design and greatly reduces delivery time. The panels are rated to IP45 (see K-Steel audio section for IP explanation). The buttons and engravable nameplates are LED back lit. Integrated coded access keypad and proximity modules are available. Kits also contain power supply, 4-way video distributor (above 1-way) and relevant number of Artico monitors. When surface mounted, these housings are Stainless Steel.

- 917-0105 **KS-FV1** 1 way K-Steel **FLUSH** kit inc. flush panel (2 module), PSU & monitor/phone. No release
- 917-0106 **KS-FV2** As above 2 way (2 module)
- 917-0107 **KS-FV3** As above 3 way (2 module)
- 917-0108 **KS-FV4** As above 4 way (2 module)
- 917-0287 **KS-FV5** As above 5 way
- 917-0261 **KS-FV6** As above 6 way
- 917-0240 **KS-FV7** As above 7 way
- 917-0313 **KS-FV8** As above 8 way
- 917-0348 **KS-FV9** As above 9 way
- 917-0288 **KS-FV10** As above 10 way

The above kits are also available in larger sizes with prox and keypad options and can be expanded for multi entrance applications. The lock release output is 12V AC @ 1A or volt free relay contacts. Colour systems also available.

K-Steel surface Video keypad Kits (mono)

- 916-0067 **KS-SVK1** Modular S/S **SURFACE** video/keypad kit, 1 way inc. panel, keypad, PSU & monitor/phone. No release
- 916-0068 **KS-SVK2** As above 2 way
- 916-0299 **KS-SVK3** As above 3 way
- 916-0330 **KS-SVK4** As above 4 way
- 916-0331 **KS-SVK5** As above 5 way
- 916-0332 **KS-SVK6** As above 6 way

The above kits are also available in flush and larger sizes with prox and keypad options and can be expanded for multi entrance applications. The lock release output is 12V AC @ 1A or volt free relay contacts. Colour systems also available.

K-Steel DDA Video Kits (mono)

K-Steel vandal resistant entry kits offer a modular Stainless Steel panel, which offers flexibility in panel design and greatly reduces delivery time. The panels are rated to IP45 (see K-Steel audio section for IP explanation). The buttons and engravable nameplates are LED back lit. Integrated coded access keypad and proximity modules are available. Kits also contain power supply, 4-way video distributor (above 1-way) and relevant number of Artico monitors. When surface mounted, these housings are Stainless Steel. For larger systems DIGITAL panels are also available. Lock output is 12V AC @ 1A or volt free contact. The K-Steel DDA module is suitable for all K-Steel panel configurations including Digital Digivoice, and provides off the shelf solutions for systems installed in Public Access buildings.

- 917-0505 **KS-FV1DDA** 1 way DDA K-Steel **FLUSH** mount panel video entry kit, inc transformer & 1 phone. No release
- 916-0465 **KS-SV1DDA** 1 way DDA K-Steel **SURFACE** mount panel video entry kit, inc transformer & 1 phone. No release
- 917-0506 **KS-FVK1DDA** 1 way DDA K-Steel **FLUSH** mount panel video entry with keypad kit, inc transformer & 1 phone. No release
- 916-0466 **KS-SVK1DDA** 1 way DDA K-Steel **SURFACE** mount panel video entry with keypad kit, inc transformer & 1 phone. No release
- 917-0507 **KS-FVP1DDA** 1 way DDA K-Steel **FLUSH** mount panel video entry with proximity reader kit, inc transformer & 1 phone. No release
- 916-0467 **KS-SVP1DDA** 1 way DDA K-Steel **SURFACE** mount panel video entry with proximity reader kit, inc transformer & 1 phone. No release

Video System Accessories

- 918-0528 **1702/1** Atlantico mono Video Handset
- 918-0554 **1702/86** Atlantico bracket with 5 buttons & privacy switch/LED
- 915-1128 **1702/92** Deskmount kit for 1702/1
- 918-0571 **1703/1** Utopia Designer Colour LCD video handset, c/w mute switch with LED, illuminated lock release button & door open LED
- 918-0572 **1703/90** Bracket for Utopia Colour LCD Video Handset - coax
- 918-0741 **1703/2** Utopia Colour LCD Handsfree flush/surface Video Handset
- 918-0742 **1703/91** Bracket for Handsfree Utopia handset - analogue
- 918-0747 **1703/92** Bracket for Utopia 1703/1 - Digivoice systems
- 918-0748 **1703/60** Embedding box for flush Utopia video handset
- 918-0749 **1705/1** Artico Video handset (mono)
- 918-0750 **1705/90** Artico wall mount video bracket for coax systems
- 918-0751 **1702/40** Atlantico Video Handset - Colour
- 918-0740 **1202/90** Wall bracket for Atlantico video handsets
- 918-0363 **789/5B** Video PSU with call output for 4 monitors
- 922-0073 **789/2** Power supply for one additional monitor
- 922-0074 **789/3** Power supply for 2 additional SENTRY or 3 additional WINFLAT monitors
- 918-0130 **1794/4** Four way video distributor (coax) 1 per every 4 additional monitors
- 915-0291 **788/21** Call repeater relay - 1 per every 4 additional monitors over 2 monitors
- 915-0518 **9406** Timed lock release relay 12V AC/dc
- 915-0760 **TC3** Digital 7 day/24 hour time clock - VF contacts
- 915-0323 **ENG2** Engraving per name plate for K-Steel and Sinthesi panels (max 10 Characters)





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Stand Alone Keypads

902-0046	VX800NF (21PF) Flush mount, 14 gauge Stainless Steel keypad, 2 user codes 4 to 8 digits, 2 outputs, 12/24V AC/dc
902-0047	VX800NS (21PS) As above, surface mounted, 12/24V AC/dc

XPR KEYPADS

The XPR range of keypads include code and dualtech in various finishes. This cost effective range feature 99 users with blue backlit buttons.

99 CODE KEYPADS



902-0188	EX5-43B (EX5-43B) Backlit ABS keypad with plastic buttons. 99 users. Surface mounted
902-0189	EX5-72C (EX5-72C) Backlit matt chrome keypad with plastic buttons. 99 users. Surface mounted
902-0191	EX5M-43B (EX5-43B) Backlit ABS keypad with metal buttons. 99 users. Surface mounted
902-0192	EX5M-72C (EX5-72C) Backlit chrome keypad with metal buttons. 99 users. Surface mounted

DUALTECH KEYPADS - CODE & PROXIMITY

Dualtech keypads can be configured as code only, prox only or code and prox.



908-0071	EX5P-43B (EX5P-43B) Backlit ABS dualtech keypad with plastic buttons. 99 users. Surface mounted
908-0073	EX5P2-73C (EX5P273C) Backlit matt chrome dualtech keypad with plastic buttons. 99 users. Surface mounted
908-0074	EX5PM-43B (EX5P-43B) Backlit ABS dualtech keypad with metal buttons. 99 users. Surface mounted
908-0076	EX5PM2-73C (EX5P273C) Backlit matt chrome dualtech keypad with metal buttons. 99 users. Surface mounted
909-0524	EXMINI/C (MINI-C) ABS prox reader. Can be used as slave reader for dualtech keypads

Other configurations and finishes are available. Please contact Technical Sales Support for details

Cards and Fobs



926-0818	EXPBX-2C (PBX-2C) NISO proximity card 2mm thick (numbered)
926-0677	EXPBX-1E (PBX-1E) Blue ABS key fob (numbered)

Videx now offer a comprehensive access control system within their product range. Contact Technical Sales Support for further information.

Audio Door Entry

Surface 2 wire kit

913-0805	ESK1S (ESK-1S) Surface kit 1 way, inc. aluminium door panel, phone (3151A) & AC PSU. No release
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Surface Slimline 4 wire Kits (panel dimensions 150 x 52.4 x 25mm (H x W x D))

913-0556	SLK (6H) 1 way slimline surface door entry kit, diecast alloy finish (grey) panel with electronic call tone
913-0557	SLK-380 (6H/380) As above with SP380 telephone interface (SLK/T (6H/T))

3K Surface Kits (3011 Handsets using 3 + 1 wiring)

4 wires only required, 5 wires for 2 way. Call tone volume adjustable. Lock relay in the door panel.

913-0736	3K1S (3K1S) Surface kit 1 way, inc. light gauge hinged Stainless Steel panel, phone & PSU. No release
913-0737	3K2S (3K2S) As above 2 Way
913-0738	3K3S (3K3S) As above 3 Way

The 3000 series kits are available in Stainless Steel, bronze, brown and white finishes. Larger systems are available. Please contact our Technical Sales Support department for details.

3K Flush Kits (3011 Handsets using 3 + 1 wiring)

914-0686	3K1 (3K1) Flush kit 1 way, inc. light gauge hinged Stainless Steel panel, phone & PSU. No release
914-0687	3K2 (3K2) As above 2 Way
914-0688	3K3 (3K3) As above 3 Way

The 3000 series kits are available in Stainless Steel, bronze, brown and white finishes. Larger systems are available. Please contact our Technical Sales Support department for details.

Smart Kits (Flush)

Smart kits, 4 wires only required, 5 wires for 2 way. Call tone instead of buzzer. Lock relay in the door panel.

914-0191	SMART1 (10H/A) Smart kit 1 way, inc. aluminium flush panel & rain shield, phone & PSU. No release
914-0192	SMART2 (12H/A) As above 2 Way

Smart Kits (Surface)

Smart kits, 4 wires only required, 5 wires for 2 way. Call tone instead of buzzer. Lock relay in the door panel.

913-0213	SMART1S (9H/A) Smart kit 1 way, inc. aluminium surface panel, phone & PSU. No release
913-0214	SMART2S (11H/A) As above 2 Way

The Smart range is available with aluminium, white or gold finish door panels

Vandal Resistant flush kits

927-0107	VRDK1kit (25H) V/R flush kit 1 way, inc 12 gauge Stainless Steel flush panel, phone & PSU. No release
914-0089	VRDK2kit (26H) As above 2 way
914-0090	VRDK3kit (27H) As above 3 way

Larger kits are available

The prices quoted include standard engraving (i.e. 1-4), and layout of the buttons on the panels are standard configuration. For different options of engraving and button layout please contact Technical Sales Support.

Vandal Resistant flush audio/keypad kits

914-0099	VRDK1/CL (25H/VCL) V/R flush mount 1 way, combined audio/keypad kit, inc. panel, phone & PSU. No release (DK918VR)
913-0421	VR/S2 (101E) V/R Stainless Steel surface box for above kit



The prices quoted above do not include engraving, and layout of the buttons on the panels are standard configuration. Larger systems are available. For different options of engraving and button layout please contact Technical Sales Support.



XPR RANGE



SLK

Smart Series Videokits

- Slim Line Surface Mount Door Panel
- Facility for 2nd Door Panel
- Camera Picture Recall Facility
- Electronic Call Tone
- Adjustable 3 Level Call Tone Volume, Plus Brightness and Contrast Controls
- 6 Wires only, No Coax required
- 3000 Series Videophone with 5 Push Buttons
- Vertical and Horizontal Camera Picture Angle Adjustment



VRDK1 KIT



Disability Discrimination Act (DDA) audio systems



914-0988 **SLK/DDA (SLK/DDA)** 1 way surface mounted slimline audio kit with disabled logo engraved on door panel. Complete with handset and PSU

914-0779 **VRDK-DDA (25H/DDA)** 1 way flush mounted Stainless Steel audio door entry system with tactile rear illuminated braille button and LED indication for "Call", "Speak" and "Door Open". Complete with handset and PSU



914-1123 **VRDKSP-DDA (25H/SP/DDA)** 1 way flush mounted Stainless Steel audio door entry system with tactile rear illuminated braille button, LCD display and voice confirmation of "call" "speak" and "door open". Complete with handset and PSU

Surface audio/keypad kits

913-0801 **DK-1S (3K1S/CL)** Surface 1 way combined audio/keypad, housed in a light gauge hinged Stainless Steel panel, phone & PSU. No release

913-0802 **DK-2S (3K2S/CL)** As above, 2 way

913-0803 **DK-3S (3K3S/CL)** As above, 3 way



1 WAY AUDIO DDA

The DK series kits are available in Stainless Steel and bronze finishes only. Larger systems are available. Please contact our Technical Sales Support department for details.

Accessories

915-1130 **3021 (3021A)** Replacement for SMART1 telephone - with A/C buzzer

928-0877 **3011 (3011A)** Audio telephone with call tone (for New 3k 4 wire kits)

928-0481 **3121 (3121A)** Audio telephone with privacy for Sentry systems - replaces 924S

915-0693 **3111 (3111A)** Audio telephone with electronic call tone for DC systems - replaces 924E

922-0059 **322 (6M)** Boxed Transformer 12V AC 18 VA

922-0163 **520M (4C)** 8V dc & 13.5V AC PSU

927-0726 **701T (28G)** 12V AC and dc GMT time clock with LCD display, 6 on/off periods. Fully programmable with manual override and trades button input

4000 Series Door Panels

The new 4000 series door panels feature cast aluminium alloy backboxes - available in gunmetal grey, gold chrome and silver chrome. Modules are either mirror-finished Stainless Steel or anodised aluminium. The modules simply clip securely into back boxes and the fixings are torx pin screws. Surface and flush versions are available. For details of the full range available please contact Technical Sales Support.

4000 Series Audio Flush Kits

4000 series door entry kits (3+1) with gunmetal grey housing with security screws and mirror finish face plates. Handsets have adjustable electronic calltone and lock release button.



914-1124 **4K1** 1 Way flush door entry system with gunmetal grey housing and Stainless Steel face plate complete with handset and PSU



914-1125 **4K2** As above, 2 way



914-1126 **4K3** As above, 3 way

Larger kits are available



4000 SERIES DOOR PANELS

4000 Series Audio Surface Kits

4000 series door entry kits (3+1) with gunmetal grey housing with security screws and mirror finish face plates. Handsets have adjustable electronic calltone and lock release button.



913-1100 **4K1S** 1 Way surface door entry system with gunmetal grey housing and Stainless Steel face plate complete with handset and PSU



913-1101 **4K2S** As above, 2 way



913-1102 **4K3S** As above, 3 way

Larger kits are available



4K4S

4000 Series Audio/Keypad Kits

913-0962 **DK4K/1S (DK4K/1S)** 1 Way Digiphone surface audio kit with codelock. Gunmetal grey housing with Stainless Steel modules

914-0965 **DK4K/1 (DK4K/1)** 1 Way Digiphone flush audio kit with codelock. Gunmetal grey housing with Stainless Steel modules



DK4K

4000 Series Vprox Modules

Vprox stand alone readers do not require any external controllers and are programmed via buttons on the rear of the module. The 4850P can be programmed with a PC with the addition of optional software. The readers have a relay output (c/o 24V AC/dc Max. 3A)



909-0525 **4850 (4850)** 100 user module with Stainless Steel faceplate



909-0526 **4850P (4850P)** 1000 user module with Stainless Steel faceplate RS-232 & RS-485 protocols



916-0587 **4851 (4851)** Flush backbox with gunmetal housing



915-1341 **4881 (4881)** Surface back box gunmetal grey



922-0142 **521B (3C)** 12V dc PSU 1A with back up battery input

Backboxes in other finishes are available. Contact Technical Sales Support for details.



4850 & 4881

Proximity devices

926-0359 **955/C (2X)** Additional proximity card to suit VPROX systems

926-0360 **955/T (1X)** Proximity tag to suit VPROX systems

For more information about our products, please call +353 (0) 1450 1366

Disability Discrimination Act (DDA) 2200 series 2 wire audio panel

The SP300-1M digital door panel features relief engraved buttons to RNIB standard and with individual circles infilled yellow. Large LCD display and voice confirmation of call status. 256 individual access codes. Panel is available with or without proximity reader cut out.



914-1136 **SP300-1M (SP300-1M)** Fully featured V/R DDA digital door panel with High contrast Relief Engraved buttons, Large backlit LCD display and audio confirmation of call progress

The above panel is fully compatible with the Vindex 2200 digital system. Please contact Technical Sales Support for further information.

Other DDA compliant systems are available to special order including analogue, digital and dual height panels. Please contact Technical Sales Support for details.



SP300-1M

Video Door Entry (NON COAXIAL)

MONOCHROME (Flush)

917-0022 **VK6 (3J)** Flush kit 1 way, inc. CCD camera housed in light gauge Stainless Steel hinged panel, 3351 video monitor, 3980 mounting plate & PSU. No release

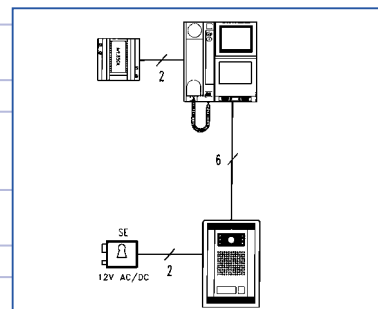
917-0094 **VK6/2 (16J)** As above 2 way

MONOCHROME (Surface)

916-0001 **VK6S (4J)** Surface kit 1 way, inc. CCD camera housed in light gauge Stainless Steel hinged panel, 3351 video monitor, 3980 mounting plate & PSU. No release

916-0098 **VK6S/2 (15J)** As above 2 way

Video kits are also available with aluminium, white, brown and bronze finish door panels, with a maximum of 2 extension monitors (3980 mounting plate and 850K PSU are required for each extension monitor.)



VK6S WIRING DIAGRAM

Smart Video Kits (Monochrome)

916-0356 **SMVK1/G (1J/G)** Surface kit 1 way, inc. CCD camera housed in an aluminium facia panel (grey), plastic dark grey back box, 3351 video monitor, 3980 mounting plate & PSU. No release

916-0357 **SMVK2 (2J)** As above 2 way

916-0396 **SMVK1/W (1J/W)** Surface kit 1 way, inc. CCD camera housed in an aluminium facia panel (white) plastic dark grey back box, 3351 video monitor, 3980 mounting plate & PSU. No release

Smart Video Kits (Colour)

916-0359 **CSMKV1 (1J/C)** Surface Colour kit 1 way, inc. CCD camera housed in an aluminium facia panel (grey), plastic dark grey back box 3451 video monitor, 3980 mounting plate & PSU. No release

916-0358 **CSMKV2 (2J/C)** As above 2 way

Combined Video/keypad kits

917-0024 **VKC6 (7J)** Flush kit 1 way, inc. CCD camera housed in light gauge Stainless Steel hinged panel, keypad, 3351 video monitor, 3980 mounting plate & PSU. No release

913-0022 **VKC6S (8J)** As above, surface panel

Maximum of 2 extension monitors can be installed on video door entry (non coaxial) systems.



VK6N

COLOUR video door entry

917-0025 **CVK6 (9J)** Flush kit 1 way, inc. Colour CCD camera housed in light gauge Stainless Steel hinged panel, 3451 video monitor, 3980 mounting plate & PSU. No release

916-0024 **CVK6S (10J)** As above, surface panel

Vandal Resistant Monochrome Video Kit

917-0123 **VRVID (11J)** Flush kit, 1 way inc. Stainless Steel video panel with CCD camera, 3351 video monitor, 3980 mounting plate and PSU. No release



1 WAY VIDEO DDA

Disability Discrimination Act (DDA) compliant video system

917-0658 **VRDKVID-DDA (11J/DDA)** Flush mounted Stainless Steel video door entry system with tactile rear illuminated braille button and LED indication for "Call", "Speak" and "Door Open". Complete with video handset and PSU



LOCK OUTPUTS OPTIONS FOR VIDEK

PRODUCT	12V AC	12V dc	Fail Open	Fail Secure	Dry Contacts
800 Series CodeLocks	•	•	•	•	•
VPROX Series	•	•	•	•	•
SLK Series	•			•	
3K Series	•			•	
4K Series	•	•			•
D.C. Kits		•		•	
VK Video Series	•			•	
SP 380	•			•	
DK Series	•	•	•	•	•
VRDK Series	•			•	

VK4K



VIDEX (1 Year Warranty) (continued)

Code

Trade

Video Accessories

918-0256	3351 (3351J)	Extension mono videophone for video kits - Requires 3980 Mounting plate & a 850K video PSU (913-0020) per monitor
918-0255	3980 (3980J)	Mounting Plate c/w connection board
918-0323	3451 (3451J)	Extension colour videophone for video kits - Requires 3980 Mounting plate & a 850K video PSU (913-0020) per monitor
918-0322	3931 (3931J)	3000 Series desk kit for videophone
915-0693	3111 (3111A)	Extension telephone handset for video kit
915-0958	3038 (3038A)	3000 Series telephone desk kit
913-0020	850K (78J)	PSU for Video monitor (1 PSU required for each extra monitor)

Monochrome VK4K DISABILITY FRIENDLY VIDEO KITS

The VK4K kit is a disability friendly non coax door kit featuring call progress LEDS and is expandable up to four doors. Up to four monitors per apartment with full intercommunication between monitors. Please contact Technical Sales Support for more information.

NEW	917-0822	VK4K1 1 Way flush 4000 series mono video kit with gunmetal grey housing and Stainless Steel face plate with 3356 mono monitor, 3980 back plate and PSU. No lock release
NEW	916-0679	VK4K1S As above, surface
NEW	917-0823	VK4K2 2 Way flush 4000 series mono video kit with gunmetal grey housing and Stainless Steel face plate with 3356 mono monitors, 3980 back plates and PSU. No lock release
NEW	916-0680	VK4K2S As above, surface

Colour VK4K DISABILITY FRIENDLY VIDEO KITS

NEW	917-0824	CVK4K1 1 Way flush 4000 series colour video kit with gunmetal grey housing and Stainless Steel face plate with 3456 mono monitor, 3980 back plate and PSU. No lock release
NEW	916-0681	CVK4K1S As above, surface
NEW	917-0825	CVK4K2 2 Way flush 4000 series colour video kit with gunmetal grey housing and Stainless Steel face plate with 3456 mono monitors, 3980 back
NEW	916-0682	CVK4K2S As above, surface

Accessories for above kits

NEW	918-0939	3356 (3356J) Mono video monitor for VK4K video kit (max 3 additional)
NEW	918-0940	3456 (3456J) Colour video monitor VK4K video kit (max 3 additional)
	918-0255	3980 (3980J) Video monitor backplate (required for each 3356/3456 monitor)
	915-0693	3111 (3111A) Audio handset (max 2 per video monitor)
	913-0020	850K (78J) Power supply unit (1 required for each additional 3356/3456 monitor)
NEW	915-0597	512A (22G) Extension sounder

CABLE SPECIFICATION VIDEO (NON COAXIAL)

Maximum distance from panel to video monitor is 100m using 020-0004 cable (Please contact Technical Sales Support for longer distances).

Video Door Entry (MONOCHROME) (COAXIAL)

Surface kits

916-0025	VID1S (98J)	Surface kit 1 way, inc. CCD camera housed in light gauge Stainless Steel hinged panel, video monitor & PSU. No release
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Larger kits up to 37 way are available in flush or surface format with S/S, aluminium, white, brown and bronze finish door panels. For installations larger than 37 way please contact Technical Sales Support for information on Digital systems.

Disability Discrimination Act (DDA) video systems (Coaxial)

NEW	917-0826	VRVID-DDA (11J/DDA) 1 way flush mounted Stainless Steel Video door entry system with tactile rear illuminated braille button and LED indication for "Call", "Speak" and "Door Open". Complete with handset and PSU
NEW	917-0827	VRVIDSP-DDA(11J/SP/DDA) 1 way flush mounted Stainless Steel Video door entry system with tactile rear illuminated braille button, LCD display and voice confirmation of call" and "door open" Complete with handset and PSU

Extra coaxial video monitor

918-0254	3311 (3311J)	Monochrome coaxial video monitor, requires 3980 mounting plate & a 850K video PSU (913-0020) per monitor
918-0255	3980 (3980J)	Mounting Plate c/w connection board
913-0020	850K (78J)	PSU for Video monitor (1 PSU required for each extra monitor)

For more information about our products, please call +353 (0) 1450 1366

BT Systems

The BT kits allow calls to be made from an external door station to a BT telephone, then a two way conversation can be held between the door station and a BT telephone. The door release can then be triggered by the BT telephone. The BT kits come with either a flush or surface 1 way light gauge hinged Stainless Steel panel, BT approved interface (SP380) & a PSU (520).

914-0101	EK380 (101H/380)	FLUSH 1 way kit with BT approved interface unit to work with BT type cordless or standard telephone (EK280 (101H))
913-0124	EK380S (100H/380)	As above, surface
915-0212	380 (SP380)	BT approved telephone interface

2200 Series 2 wire audio system

This easy to install system works on a two wire BUS which can be star or parallel wired. Up to 180 users and 10 doors. Concierge facility available. For a single door system, only three components are necessary - a) door panel, b) PSU, c) handsets.

NEW	914-0520	2202SA-1R (SP304-1R)	Surface mount digital door panel with L.C.D alphanumeric display and name search facility
	918-0941	4202/1/S/R (SP408-1R)	4000 series surface digital audio panel + speech board and name search facility with gunmetal grey surround
	915-0753	SP400 (SP400)	Metal control box containing 1 Amp PSU & BST/GMT time clock
	915-0879	3171 (3171A)	2 button audio handset
	915-1007	3172 (3172A)	2 button audio handset with on/off switch
NEW	915-0770	3176 (3176A)	2 button audio handset with timed on/off switch and door open LED

For other system configurations please contact our Technical Sales Support department.

2200 Series non coaxial Flush video Kits

The 2200 non coaxial video system requires just 6 cores (BT cable CW1308) to each handset (subject to distances). Systems can be configured from 1 to 10 doors and up to 180 users.

NEW	917-0828	VID3-NC (103JNC)	3 Way flush mounted video kit with Stainless Steel faceplate
NEW	917-0829	VID4-NC (105JNC)	As above, 4 way
NEW	917-0830	VID5-NC (107JNC)	As above, 5 way

Please consult with Technical Sales Support before running cabling.

2200 Series non coaxial Surface video Kits

The 2200 non coaxial video system requires just 6 cores (BT cable CW1308) to each handset (subject to distances). Systems can be configured from 1 to 10 doors and up to 180 users.

NEW	916-0683	VID3S-NC (102JNC)	3 Way surface mounted video kit with Stainless Steel faceplate
NEW	916-0684	VID4S-NC (104JNC)	As above, 4 way
NEW	916-0685	VID5S-NC (106JNC)	As above, 5 way

Please consult with Technical Sales Support before running cabling.



2200

Different finishes and larger systems (including digital) are available. Please contact Technical Sales Support for further information.

BioAccess Fingerprint Readers

The BioAccess Thermal fingerprint reader is available in 2 versions - 900 or 3000 users with 3 fingerprint templates per user. These readers are programmed either by a series of pushbuttons located on the rear of the module or, with the optional software via a PC. BioAccess modules can be integrated into 4000 series audio and video systems.

NEW	909-0478	4821 (4821)	900 user module with Stainless Steel faceplate. Requires suitable backbox
NEW	909-0529	4823 (4823)	3000 user module with Stainless Steel faceplate. Requires suitable backbox
NEW	925-0364	4827 (4827)	Software kit for above readers
NEW	916-0587	4851 (4851)	Flush backbox with gunmetal grey housing
NEW	915-1341	4881 (4881)	Surface back box gunmetal grey

Backboxes in other finishes are available. Contact Technical Sales Support for details.

BioAccess Fingerprint readers

BioAccess 4821

- 900 users with 3 templates per user
- Stand alone - programmed via buttons on rear of module
- Networked version available via optional PC software

BioAccess 4823

- 3000 users with 3 templates per user
- Stand alone - programmed via buttons on rear of module
- Networked version available via optional PC software
- Database for last 12800 operations
- Real Time Clock with battery back-up

Technical Specifications for both models

- Working voltage 12V AC/dc
- Sensor type Thermal Swipe
- Sensor resolution 500 dpi
- Recognition time <1 second
- Working temperature -10°C +60°C
- Inputs/Outputs 3 relays c/o type (24V AC/dc Max 3 amp)
- 3 inputs (active low) for direct relay operation
- Interfaces RS-232, RS-485 & Wiegand 26 bit



4821 & 4881





The EntryCom door entry system comes configured to allow connectivity via either a PABX analogue extension port, telephone line, or with the addition of a GSM EasyGate interface unit, which makes calls via the GSM network.

The base modules will only require a 12V AC/dc power supply if you require the panel to be backlit. Otherwise the panel can be powered by the voltage coming down the respective phone line connections.

All the base modules come with a volt free contact, rated 50V @ 2Amps. There is an optional second auxiliary volt free contact available.

On the keypad version the keypad can be used as a short dial, of up to 50 numbers, or as an electronic code lock. If using separate push keys the system can call up to 54 numbers.

With the GSM interface there is no limitation to distance, easy two wire connection. All the programming is carried out by dialling into the system. It recognises busy lines or no answer and can if required hang up and call another number, land line or mobile (max 6 numbers).

The Camera is colour/mono switchable with infra red. The camera unit will require a regulated 12V dc, 2Amp PSU. Output of the camera is colour composite PAL video signal. It will need to be wired in 75 ohm coax/twisted pair or UTP CAT5 or higher. Other connection methods are using web browser over IP via a MPEG/LAN converter, or it can connect into an s-video connection.

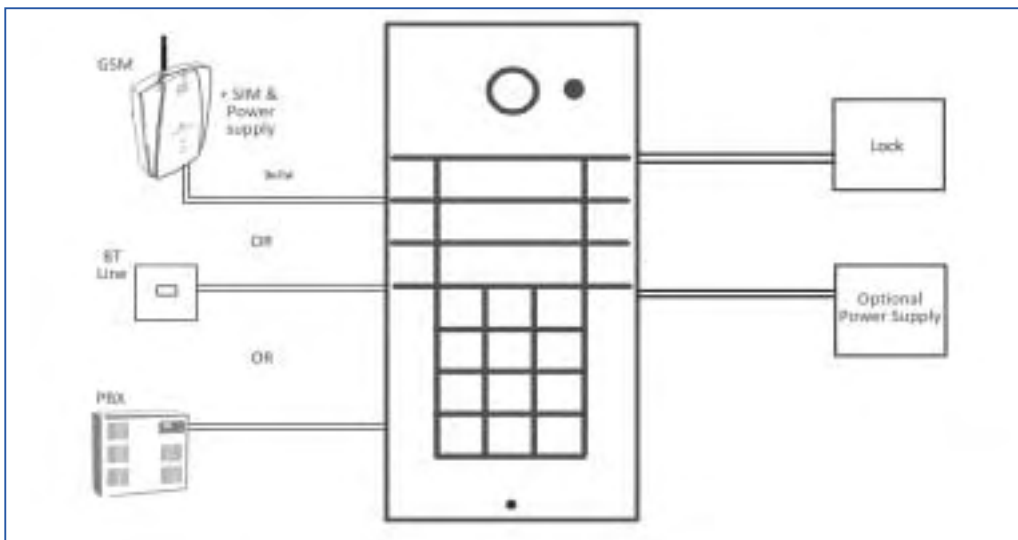
All panels are available in Vandal resistant flush housings and in 12swg Stainless Steel with flush or Surface options.

All units are IP55 rated, with voice guided programming.



EASYGATE

The GSM EasyGate interface unit comes with a 2Amp plug top PSU, high gain aerial, CD, and RJ11 cable. PLEASE NOTE. No SIM card is supplied with the unit. The GSM unit is SIM free, which enables the end user to select the service provider, depending on signal strength coverage.



SYSTEM DIAGRAM



9135130E BASE MODULE

How do you put a system together?

Base Modules

- Establish the number of telephone numbers you wish to call
- Choose whether you want individual push buttons per telephone number or do you wish to use the keypad as a short dial function. the maximum number of push buttons is 54 and the maximum number of short dial options via the keypad is 50 numbers. The keypad can also be used as a code lock.
- Work out the base module you require i.e. number of buttons (3 button 9135130E (914-1137) or 6 button 9135160E (914-1139) and if a keypad is required (9135130KE (914-1138) or 9135160KE (914-1140)), then add extension modules as required. (9135181E (914-1145) or 9135182E (914-1146)

How do you want to Communicate?

- BT or equivalent telephone line or via an analogue extension port on a PABX (No additional communication equipment required)
- GSM Interface (if using GSM then you will require a GSM interface unit (501303GB (915-1502))

Accessories

- Add a roof module (Rain cover) (optional i.e. 9135331E (915-1675))
- The Base Modules are surface mounted as standard. If you require the unit to be flush fitting add the relevant flush fixing kit.
- If you require an anti-vandal base module add the appropriate anti-vandal kit, note that the flush fitting kit comes with the anti-vandal unit.

Power Supply

- All the base modules requires a 12V dc PSU

Camera

Any base module can be fitted with a colour/mono switchable camera with infra-red. The camera will need to be cabled to either an LCD screen or by using an MPEG/LAN converter to the Local Area Network (LAN). This will allow the camera to be given an IP address and all images can then be viewed by using an authorised PC via a web browser.

System Build Examples

3 Way System to BT Line

- 1 x 9135130E (914-1137)
- 1 x 12V dc PSU

To make the above system GSM capable add 1 x 501303GB (915-1502) and purchase a suitable SIM card with sufficient credit to make calls (available from others)

14 Way System to BT line

- 1 x 9135160E (914-1139)
- 1 x 9135181E (914-1145)
- 1 x 12V dc PSU

To make the above system GSM capable add 1 x 501303GB (915-1502) and purchase a suitable SIM card with sufficient credit to make calls (available from others)

Up to 50 Way System dialling via numeric keypad to BT line

- 1 x 9135130KE (914-1138)
- 1 x 12V dc PSU

To make the above system GSM capable add 1 x 501303GB (915-1502) and purchase a suitable SIM card with sufficient credit to make calls (available from others)



9135130KE BASE MODULE

The GSM interface requires a standard SIM card as found in mobile phones that is connected to a mobile network with sufficient credit to be able to make calls (supplied by others). Subject to mobile service providers area coverage. For more information about our products, please call +353 (0) 1450 1366

Relink systems DO NOT work with SIM cards from the 3 network

Base Modules

Note: All Base modules require a 12V dc PSU

- NEW** 914-1137 **9135130E** 3 way Base module with 3 single buttons
- NEW** 914-1139 **9135160E** 6 way Base module with 3 double buttons

Base Modules with Keypad

- NEW** 914-1138 **9135130KE** 3 way Base module with 3 single buttons + Keypad
- NEW** 914-1140 **9135160KE** 6 way Base module with 3 double buttons + Keypad

Video module

- NEW** 927-2508 **9135210E** Video Camera kit. Will fit any base unit

Extension Modules

- NEW** 914-1145 **9135181E** 8 way expansion module with single buttons
- NEW** 914-1146 **9135182E** 16 way expansion module with double buttons

Module accessories (Optional)

- NEW** 915-1675 **9135331E** Roof for 1 module (Rain Cover)
- NEW** 915-1676 **9135332E** Roof for 2 modules (Rain Cover)
- NEW** 915-1677 **9135351E** Flush fixed box for 1 module
- NEW** 915-1678 **9135352E** Flush fixed box for 2 modules
- NEW** 915-1679 **9135361E** Roof and box for flush fitting 1 module
- NEW** 915-1680 **9135362E** Roof and box for flush fitting 2 modules
- NEW** 915-1681 **9135511E** Anti-Vandal cover + flush back box for 1 module
- NEW** 915-1683 **9135521E** Anti-Vandal cover + flush back box for 2 modules
- NEW** 915-1682 **9135511KE** Anti-Vandal cover with keypad + flush back box for 1 module
- NEW** 915-1684 **9135521KE** Anti-Vandal cover with keypad + flush back box for 2 modules

Stainless Steel Base Modules with Single Buttons (Up to 54 way available)

Note: All Base modules require a 12V dc PSU

- NEW** 914-1054 **111SF** 1 way Flush
- NEW** 915-1538 **111SS** 1 way Surface
- NEW** 914-1055 **112SF** 2 way Flush
- NEW** 913-1039 **112SS** 2 way Surface
- NEW** 914-1056 **113SF** 3 way Flush
- NEW** 913-1040 **113SS** 3 way Surface
- NEW** 914-1057 **114SF** 4 way Flush
- NEW** 913-1041 **114SS** 4 way Surface
- NEW** 914-1058 **115SF** 5 way Flush
- NEW** 913-1042 **115SS** 5 way Surface

Stainless Steel Base modules with Panel Mount Reader Cut Out

- NEW** 914-1059 **211PCSF** 1 way Flush with PAC/Paxton cut out
- NEW** 913-1043 **211PCSS** 1 way Surface with PAC/Paxton cut out

646.00

Stainless Steel Base modules with numerical keypad

- NEW** 914-1060 **311KSF** 1 way Flush with Keypad
- NEW** 913-1044 **311KSS** 1 way Surface with Keypad

Stainless Steel Base modules with video camera

- NEW** 914-1061 **411VSF** 1 way Flush with Video Camera
- NEW** 913-1045 **411VSS** 1 way Surface with Video Camera
- NEW** 914-1062 **412VSF** 2 way Flush with Video Camera
- NEW** 913-1046 **412VSS** 2 way Surface with Video Camera

Stainless Steel Base modules with video camera and Panel Mount Reader cut out

- NEW** 914-1063 **511VPSF** 1 way Flush Video with PAC/Paxton cut out
- NEW** 914-1064 **511VPSS** 1 way Surface Video with PAC/Paxton cut out

Accessories

- NEW** 915-1502 **501303GB** EasyGate GSM Interface Unit - for use when GSM connection is required

The GSM interface requires a standard SIM card as found in mobile phones that is connected to a mobile network with sufficient credit to be able to make calls (supplied by others). Subject to mobile service providers area coverage.

- NEW** 927-2509 **9135250** Secondary auxiliary switch – Allows the control of a secondary device. Rated at 50V 2A
- NEW** 927-2510 **9135301** Additional single button name badge – Replacement button for extension panels. Can also be used to configure button arrangement on extension panels
- NEW** 927-2511 **9135302** Additional double button name badge – As above but with double button
- NEW** 927-2512 **9135311** Info panel name badge - Replaces all buttons in 8 way expansion module. the purchase of an additional 8 button extension module is required
- NEW** 927-2506 **9134145E** Video Server MPEG4/LAN convertor
- NEW** 927-2514 **W9134147E** LCD display 7"
- NEW** 927-2507 **91341481E** 12V dc 2A power supply
- NEW** 927-2513 **W9134171E** VoIP adaptor



Time and Attendance Module

for ACTWin pro 2.3 or later

ACTpro 200 Two Door Expander

with 3 Amp Monitored PSU

Multi-Tenant Module

for ACTWin pro 2.2 or later

ACTpro X Proximity Readers

now with Multi-Format Technology

ACTpro mifare Card Readers

Card Editor Feature

in ACTWin pro 2.2 or later

New products from ACT

ACT is delighted to add to the existing excellent range of access control products in 2007.

- ACTpro X now includes Multi-Format Technology with ACT and HID RFID
- ACT Winpro with enhanced T&A, Multi-Tenant and System Reports
- ACTpro mifare readers with PC application tool for installation and formatting
- ACTpro 200 2-door station with 3.5 amp fully monitored PSU

ACT

Access Control Technology

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Web www.accesscontrol.ie

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For more information about our products, please call +353 (0) 1450 1366



ACT10 & ACT10+ACT10FK

- ACT10**
- 10 user codes
 - 2 x 5 Amp relay outputs
 - 2 open collector outputs
 - 3 open collector inputs
 - Programmable backlighting
 - Built-in interlock facility
 - Door monitoring
 - 4 or 6 digit codes
 - Weather Resistant (IP55)
 - Fire alarm input
 - Duress alarm output
 - Visitor call button option
 - Dual code mode. Requires two access codes to be entered before releasing the door



ACTsmart2-1080 & 1070



ACT Stand Alone Systems

ACT (ACCESS CONTROL TECHNOLOGY) (5 Year Warranty)

Code

Trade

Stand alone keypads

All ACT Stand Alone Keypads and Card Readers are suitable for indoor/outdoor use, and will accept 12 to 24 Volts AC/dc.

- 902-0135 **ACT5** Flush or Surface polycarbonate housing, 10 codes, 5 amp relay & push to exit facility, potted electronics, IP67
- 902-0015 **ACT10** Surface zinc diecast housing, backlighting, 10 codes, 2 user groups, interlock, toggle mode, 2x 5 amp relays, 2 electronic outputs and 3 electronic inputs, IP55
- 927-0161 **ACT10WS** Stainless Steel weather shield for ACT10
- 927-0660 **ACT10FK** Stainless Steel flush mount kit for ACT10
- Transistorised relay for second and third outputs**
- 915-0173 **506N (23G)** 12V/24V AC/dc input, double pole 5 Amp contacts, boxed relay, this unit has a transistorised input



ACT5

Note: For the 506N to work with the ACT10 both units must use the same PSU & one 506N is required per output.

STAND ALONE PROXIMITY READER/CONTROLLERS

The ACTsmart2 stand alone proximity and digital keypad range consists of three different reader units, proximity only, PIN & proximity and PIN only. The readers have 1,000 users, operate on 12 to 24V AC/dc* and have a 5amp door relay output with a push to release input and two additional programmable input/output terminals. The units have a hidden security screw and tamper output. The "Master/Slave" mode facilitates the programming and administration of up to 8 doors from one device.

*Please note when the electronic input/outputs or the master slave mode is used a dc supply is required.

ACTsmart2 Standalone proximity and PIN pad range (with ACT RFID) *Master Slave Operation optional

- 909-0262 **ACTsmart2-1070** Proximity reader/controller with ACT RFID, 1,000 users, indoor & outdoor use, IP67
- 908-0036 **ACTsmart2-1080** PIN & Proximity reader/controller with ACT RFID, 1,000 users, card or PIN & card, indoor & outdoor use, IP67
- 905-0042 **ACTsmart2-1090** PIN Pad/controller unit 1,000 user codes, 4-8 digits, IP67
- 928-1044 **ACTsmart2 Lock** Security lock which provides additional security & protection for ACTsmart2 installations. ACT recommends installing ACTsmart2 Lock inside the PSU



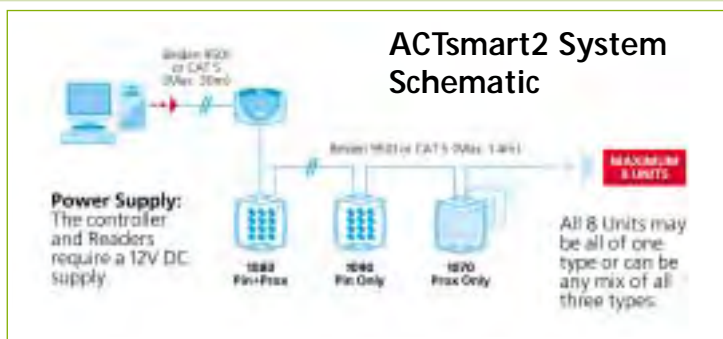
ACTProx Fob & Card

Cards & Fobs

- 926-0696 **ACTProx HS-B** ACT Half shell proximity card. Pack of 10
- 926-0697 **ACTProx ISO-B** ACT ISO proximity card. Fully printable for photo ID etc. Pack of 10
- 926-0698 **ACTProx Duo-B** ACT Duo Prox Card (Proximity and Mag Stripe) Pack of 10
- 926-0699 **ACTProx Fob-B** ACT Proximity key fob. Pack of 10

ACTProx cards & fobs are compatible with ACTpro-X and ACTsmart2 proximity reader range.

ACTsmart2 System



The ACTsmart2 readers (max: 8 units) may be connected to a PC via an ACTsmart2 controller. The ACTWin smart2 program allows the system operator to make changes to the system, view log events and generate reports.

ACTsmart2 Controller

- 911-0277 **ACTsmart2 AMC** ACTsmart2 Controller unit with capacity to control up to 8 ACTsmart2 devices (indoor only - requires 12V dc supply)

286.00

ACTWin smart2 Software

- 925-0175 **ACTWin smart2** Windows software for configuration and monitoring of up to 8 ACTsmart2 devices to work in conjunction with ACTsmart2 Controller unit, software and serial lead supplied with ACTsmart2 Controller

FOC

ACT continued overleaf





ACTpro

Feature	ACTpro1000	ACTpro2000	ACTpro3000
Doors	1	2	2
Users	10,000	20,000	30,000
User groups	16	1000	1000
Time zones	16	128	256
Event log	500	5000	5000
Anti passback		Yes	Yes
Timed anti passback			Yes
Entry and exit reader support	Yes	Yes	Yes
Timed actions	Yes	Yes	Yes
Clock & Data or Wiegand auto detect	Yes	Yes	Yes
Door monitoring	Yes	Yes	Yes
DDA extended timer facility	Yes	Yes	Yes
Network doors	128 max	1000 max	1000 max
Built in TCP/IP			Yes

ACTpro 1000/2000/3000 COMPARISON CHART



ACTpro 2000/3000

ACT (ACCESS CONTROL TECHNOLOGY) (5 Year Warranty) (continued)

Code

Trade

Card Access Door Controllers

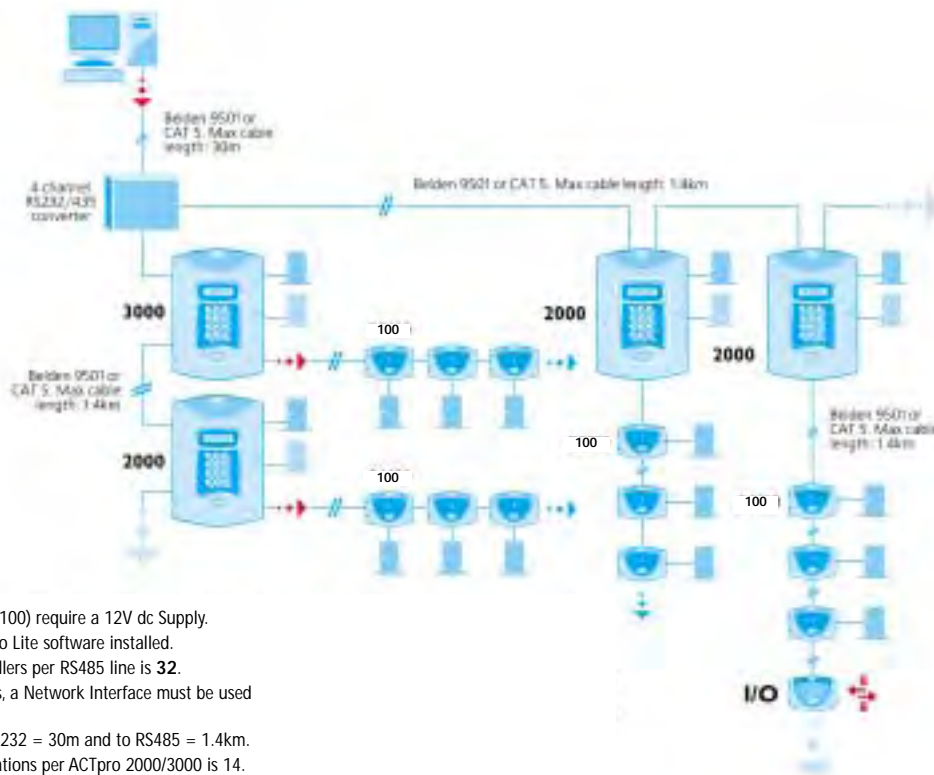
- 911-0025 **ACTpro 1000** Single door controller for stand alone or network (128 doors max) solutions. 10,000 cardholders 16 time zones and 16 user groups, interlock and auxilliary door features, simple LCD menu driven operation. The system may be administrated & programmed by the on board keypad or by PC. **Requires reader and 12V dc supply**
- 911-0056 **ACTpro 2000** Two door controller expandable to sixteen doors via ACTpro 100/200 door expanders. The ACTpro2000 controller may be networked to a PC to provide up to 1,000 doors. 20,000 cardholders, 1,000 User groups, 1,000 Door groups and 128 time zones, anti passback, interlock and user tracking. System programming is facilitated by an on board Keypad or a PC. The ACTpro2000 has remote site or area connection via modem or external TCP/IP module. **Requires reader and 12V dc supply**
- 911-0284 **ACTpro 3000** Two door controller with built in TCP/IP to facilitate connection via Ethernet. Expandable to 16 doors via ACTpro 100/200 door expanders. The ACTpro 3000 controller may be networked to a PC to provide up to 1,000 doors, 30,000 Card holders, 1,000 User groups, 256 Time zones, anti passback and timed anti passback. Memory expansion cards are available for enhanced features. The ACTpro 3000 is constructed of a robust polycarbonate housing. System programming is facilitated by an on board Keypad or a PC. **Requires reader and 12V dc supply**
- 911-0055 **ACTpro 100** Single door expander for ACTpro 2000/3000 systems. Polycarbonate housing, indoor only. Requires 12V dc supply
- 911-0357 **ACTpro 200** Two door expander for ACTpro 2000/3000 systems, with 3 Amp monitored PSU and metal housing
- 912-0260 **ACTpro IOM** 8 Input/8 Output device that allows an ACTpro2000/3000 controller to be used in applications where signalling to other equipment is required. Polycarbonate housing, indoor only, up to 4 ACTpro IOM Modules may be connected to each ACTpro2000/3000 controller. Requires 12V dc supply

Note: All ACT door controllers above have entry exit as standard, 5 amp door relay and programmable inputs and outputs

Ancillaries

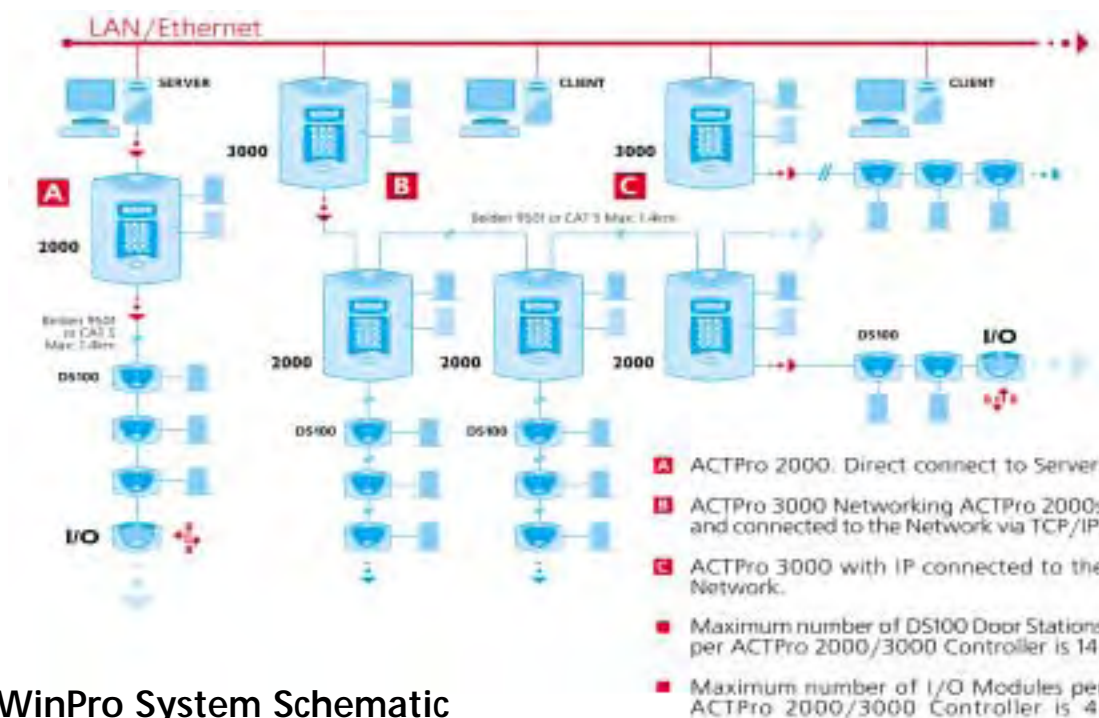
- 922-0055 **1381N** Elmdene 12V dc 1 Amp PSU, Multi-Indicator, will supply full current whilst charging the battery
- 922-0056 **1382N** Elmdene 12V dc 2 Amp PSU, Multi-Indicator, will supply full current whilst charging the battery
- 015-0018 **0150018** Battery, 12V 7 Amp rechargeable sealed lead acid

ACTWinpro Lite System Schematic



- All Controllers and Door Stations (ACTpro 100) require a 12V dc Supply.
- System is administrated from 1 PC with Pro Lite software installed.
- Max number of ACTpro 2000/3000 Controllers per RS485 line is 32.
- For multiple ACTpro 2000/3000 Controllers, a Network Interface must be used (single or 4 channel is available).
- Maximum length of network cabling to RS232 = 30m and to RS485 = 1.4km.
- Maximum number of ACTpro 100 Door Stations per ACTpro 2000/3000 is 14.
- Maximum number of ACTpro 200 Door Stations per ACTpro 2000/3000 is 7.
- Maximum number of I/O Modules per ACTpro 2000/3000 is 4.
- A second reader may be installed on any door to facilitate Entry/Exit.

For more information about our products, please call +353 (0) 1450 1366



ACTWinPro System Schematic

Software

- 925-0017 **ACTWinpro Lite** Windows based software with set-up wizard, full on board help file, remote dial-up, system graphics, powerful cardholder database, photo ID, card editor, roll call facility, time recording, user tracking, alarm event handling, 64 doors, 30,000 cardholders, 1,000 user groups, 256 time zones, system configuration report & holiday scheduler. Two remote sites available via TCP/IP or modem. See below for system requirements
- 925-0111 **ACTWinpro (2.4 or later)** Client server software package, maximum 10 workstations (2 workstation licences supplied with the initial package) Features are as per ACTWinpro Lite plus, 1,000 doors, audit trail, input/output manager, Global antipassback*, Global input/output module support*, enhanced communications service, enhanced report writer and SQL database. *Available with ACTpro 3000 controllers over TCP/IP only
- 925-0131 **ACTWinproW/S** Additional Operator single Workstation licence

Note: ACTWinpro software should only be installed by engineers who have successfully completed an official ACT PC Application/Network installation course; otherwise no technical support will be available for this product.

Before specifying or installing this product please contact our Technical Sales Support team to insure that the product matches the system requirement. See below for system requirements.

NEW

- 925-0363 **ACTWinpro Multi-T** Multi-tenant facility. Allows multiple independent sites to be connected to the same hardware, up to a maximum of 200 separate tenants may be defined (**ACTWinpro 2.4 or later required**)

NEW

- 925-0314 **ACTWinpro-TA** Time recording software, includes time and attendance calculations, absenteeism reports, holiday management, maximum working hours requirements, export facility to payroll package (**ACTWinpro 2.4 or later required**)

For information on the latest versions of ACTWin pro Lite and ACTWin pro, please contact our Technical Sales Support department

ACTWinpro Site Attendance

A site attendance fee will apply to a day or part thereof for assistance in commissioning and/or customer training

- 927-2600 **ACT** Commissioning Charge

Accessories

- 925-0019 **ACTNETIF-4** ACT PC network interface, containing 4 x RS485 outputs together with a metal case. Supplied with a 12V dc 1 Amp PSU and serial lead
- 912-0123 **ACTNETIF-1** ACT Single channel RS232 to RS485 interface, serial and power leads supplied. 12V dc supply required
- 912-0122 **ACT56KM** ACT 56K PSTN modem for remote site connection (1 modem required at PC and 1 modem for each remote site)
- 912-0124 **ACTLAN** ACT TCP/IP unit to facilitate connection of ACTpro1000/2000 controllers to LAN. 12V dc supply required
- 912-0076 **ACTPL** Serial printer lead
- 912-0077 **ACTDC** Direct connect lead

Computer System Requirements

ACTWinPro Lite
For small systems
(only one controller, up to 16 doors)

Operation systems: Windows 98, Me, NT4.0, with service pack 6a and Internet Explorer 5.0 or higher, 2000 with service pack 4, XP or Windows Server 2003.

CPU: Pentium II 400MHz or better
RAM: 64Mb or better
100Mb of free hard disc space
CD-ROM drive
Colour SVGA monitor
Mouse
Modem (for remote sites only)
LAN

CD recorder or ZIP drive are required to back up system database

ACTWinPro Lite
For medium size systems up to 64 doors

Operation systems: Windows NT4.0, with service pack 6a and Internet Explorer 5.0 or higher, 2000 with service pack 4, XP or Windows Server 2003.

CPU: Pentium III 700MHz
RAM: 128Mb
200Mb of free hard disc space
CD-ROM drive
Colour SVGA monitor
Mouse
Modem (for remote sites only)
LAN

CD recorder or ZIP drive are required to back up system

ACTWinPro
For large systems up to 1,000 doors or systems requiring multi PC operation.

Operation systems: Windows 2000 with service pack 4, XP or Windows Server 2003.

CPU: Pentium 4.2.4GHz
RAM: 1GB
1GB of free hard disc space.
100 Mbit LAN connection speed
MS SQL Server 2000
CD-ROM drive
Colour SVGA monitor
Mouse
Modem (for remote sites only)
LAN

CD recorder or ZIP drive are required to back up system database





Code

Trade

ADI



ACTpro MF1040 READER



ACTpro MF 1050 READER



ACTpro MF ISO CARD



ACTpro MF FOB

ACT (ACCESS CONTROL TECHNOLOGY) (5 Year Warranty) (continued)

Code

Trade

ACTpro HID Cards & Fobs

- 926-0323 **HID Prox Card 11-B** HID Prox Card 11 (clamshell proximity card) Pack of 10
- 926-0324 **HID ISO Prox-B** HID ISO proximity card. Fully printable for photo ID etc. Pack of 10
- 926-0326 **HID Duo Prox-B** HID Duo Prox Card (Proximity and Mag Stripe) Pack of 10
- 926-0325 **HID Fob-B** HID Proximity key fob. Pack of 10

ACTpro PIN ONLY Reader (For use with ACTpro-X readers)

- 909-0155 **ACTpro 1060** PIN ONLY unit for internal and external use, flush/surface, IP67

ACTpro Mifare Readers

- NEW** 909-0515 **ACTproMF1040** Contactless smart card reader. Configurable to read either mifare card serial number or from a sector on mifare card. IP67
- NEW** 909-0516 **ACTproMF1050** Contactless smart card and PIN reader. Configurable to read either mifare card serial number or from a sector on mifare card. IP67
- NEW** 909-0517 **ACTproMFUSBRdr** Enrols card holders on to ACTWin pro software (V2.3 or later only). Capable of creating programming cards for sites that use non-ACT mifare cards

ACTpro Mifare Cards & Fobs

- NEW** 926-0811 **ACTproMFISOCard** Proximity mifare 1KB ISO prox card. Suitable for ID printing. Maximum read range of 5 cms. Pack of 10
- NEW** 926-0812 **ACTproMFFob** Proximity mifare S50 1KB fob with maximum read range of 3 cms. Pack of 10

ID accessories are available in the Payne Security section of this product guide on pages 100 & 101.

Biometric readers

- NEW** 926-0813 **BIO V-PASS FX** Bioscrypt fingerprint only (Identification) or PIN and fingerprint (Verification) reader. Indoor only, 12V dc supply required
- 909-0249 **BIO V-PROX** Bioscrypt proximity card and fingerprint reader. Indoor only, 12V dc supply required
- 905-0040 **ACTPro1060W** PIN pad to use in conjunction with the V-Flex unit (Wiegand)

For more information on Biometric and Smart Card readers, please contact our Technical Sales Support Department.

Radio receiver

Prastel Radio receiver for connection to ACTpro1000/2000/3000 controllers to facilitate access through barriers and gates without leaving the car. Range varies depending on line of sight (typical 10 to 30 metres). Works in conjunction with Prastel PRT TPZE transmitters.

- 909-0159 **PRT MRRE** Prastel Radio Receiver for connection to ACT Door Controllers

Radio transmitter

Hand held Prastel radio transmitter with rolling code (433Mhz) which in conjunction with the Prastel PRT MRRE receiver may be learned on as a card holder on the system and treated as any other access card. Typical range 10 to 30 metres depending on line of sight.

- 926-0362 **PRT TPZE** Prastel Radio Transmitter

CABLE SPECIFICATION

Maximum distance between controller and ACTpro 1010 reader is 30m using GAR9538STY cable.
Maximum distance between controller and ACTpro 1020 reader is 30m using GAR9538STY cable.
Maximum distance between controller and ACTpro readers is 100m using GAR9538STY cable.
Maximum distance between ACTpro 2000/3000 and the last ACTpro 100/200 is 1.4km using GAR9501STY cable.
Maximum distance direct connected ACTpro 1000/2000/3000 and PC is 30m using GAR9501STY cable.

Cable

- 927-0228 **GAR9501STY** Belden style, 1 pair twisted pair overall screened cable, 24AWG, 100m
- 927-0041 **GAR9538STY** Belden style, 8 conductor overall screen cable, 24AWG, 100m

POA
POA



K42



BC615PROX



ENTRO LITE SCHEMATIC

BEWATOR ACCESS CONTROL PRODUCTS (3 year Warranty)

Code

Trade

Euro Codoor – Battery Operated Codelock

The new Bewator Euro Codoor is a battery operated Codelock designed for Euro Standard lock cases. The Euro Codoor is available in two versions – a codelock version and a fingerprint version offering up to 32 different templates and four 4-digit codes.

- NEW** 901-0202 **CD4000** Euro Codoor. Battery operated Codelock that fits directly onto a door and is suitable for use where a door handle is required to lock the door
- NEW** 901-0203 **FP4000** Fingerprint Euro Codoor. Battery operated Fingerprint Codelock that fits directly onto a door and is suitable for use where a door handle is required to lock the door
- NEW** 927-2398 **CD4000-LOCKSET** Euro Codoor Lock Set. Comprises of 1 x 19mm return to door Stainless Steel handle, 1 x 10mm Stainless Steel blanking plate, 2 x 110mm screws, 1 x Union Sashlock case & 1 x 71mm Euro double cylinder with 3 x keys
- NEW** 927-2399 **CD4000-HANDLESET** Euro Codoor Handle Set. Comprises of 1 x 19mm return to door Stainless Steel handle, 1 x 110mm Stainless Steel blanking plate & 2 x 110mm screws

Compact Codelocks

- 902-0010 **K42** Surface mount, heavy duty Stainless Steel back lit keypad, 2 user codes (4 digits), 1 output, 12-24V dc or 18-24V AC, internal or external use
- 902-0016 **K44DUO** Surface mount, heavy duty Stainless Steel back lit keypad, 4 user codes, expandable to 30 user codes in advanced mode, 2 relay outputs, 12-24V dc or 18-24V AC, internal or external use
- 902-0136 **K12** Surface mount, heavy duty Stainless Steel back lit keypad, up to 30 user codes, alarm control/bypass function, 12-24V dc or 18-24V AC, internal or external use
- 926-0010 **BB3** Flush mounting kit for all Bewator Codelock products
- 927-0287 **IS-391** Spy proof cover for all Bewator Codelock products
- 927-0689 **SH2** Rain hood for all Bewator Codelock products

Compact Cardreaders - Stand Alone Magstripe

- 903-0011 **BC402** Magnetic Stripe Cardreader, maximum 200 card memory. Must use IB1 cards and IB402 shadow cards
Note, requires IB402 Card Programming Pack for each system
- 903-0007 **BewatorKIT7** BC402 Cardreader, TA12DCR power supply, IB402 card programming pack & 50 x IB1 cards
- 908-0024 **BC615** Magnetic Stripe Cardreader with keypad for up to 1,000 users

Compact Cardreaders - Stand Alone Proximity

- 904-0051 **BC615PROX** Proximity Cardreader with keypad, maximum 1,000 cards, 15 combined time zones, up to 8 Readers can be networked using CR-1 Interfaces and Bewator Entro

Compact Cardreader Accessories

- 927-0691 **SH4** Rain hood for BC-615 & BC-615Prox Cardreaders
- 927-0286 **BB4** Flush mounting kit for BC615 & BC615PROX Cardreaders
- 912-0037 **CR-1** Reader Interface for BC615 Compact Cardreader for networking with Bewator Entro (one required per reader, up to a maximum of 8)

Entro Lite

Entro Lite is a brand new access control system that can be used Standalone, Networked or Upgraded to Entro 5 without any hardware redundancy. Entro Lite replaces the BC-640 range of controllers.

Controller for Entro Lite

- NEW** 912-0297 **DC800** Door Controller, can be used Standalone or networked (max. 8) using Entro Lite software and USB-RIF/2 Interface or upgradeable to Entro 5 without any hardware redundancy. Antipassback via In and Out Readers, 1,000 card/tag capacity, features common card for Bank Lobby function, also suitable for Automatic Vehicle Identification (AVI)

Networking Interfaces & Accessories

- NEW** 927-2178 **USB-RIF/2** RS485 - USB Interface, used to network DC800 Door Controllers (max. 8). Includes Entro Lite software
- NEW** 912-0298 **TG-PROX** Enrolment Reader pre-mounted on desk stand

Readers for Entro Lite

Magnetic Stripe Readers

- 907-0004 **BC16** Magnetic Stripe Card-only Reader
- 907-0023 **BC43** Magnetic Stripe Card Reader with integral keypad

Proximity Readers

- 909-0264 **PR500-AB** Proximity Reader, mullion mount (internal or external)
- 909-0203 **SP500-AB** Switch Plate Reader, designed to fit industry standard back boxes (internal or external)
- 909-0202 **PM500-AB** Panel Mount Reader, designed to fit into 3rd party panels such as Door Entry Phones (internal or external)
- 909-0201 **HD500-2-AB** Heavy Duty Reader, designed for use in locations vulnerable to physical attack (internal or external)

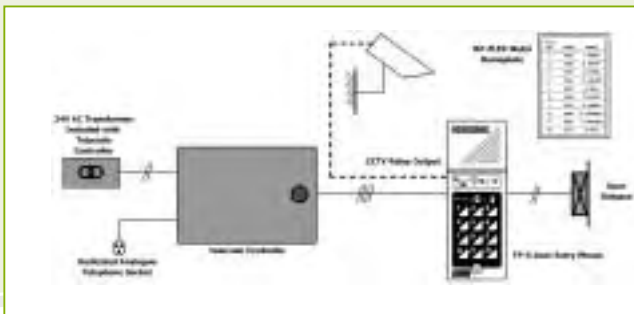
Hands-Free Readers

- 909-0169 **HF500-Entro** Hands-Free Reader, providing true Hands-Free performance when used with Active cards and tags (internal use only)
- 909-0066 **BC5511** Hands-Free Reader Pack comprising external HF100 Reading Head and BC5311 interface (internal or external)
- NEW** 909-0068 **BC5516** Loop Reader Pack suitable for Automatic Vehicle Identification, comprises BC5311 interface (internal use only) and BC270 Loop Coupler (external use). Use IB970 Vehicle tags

For more information about our products, please call +353 (0) 1450 1366



TELECODE



TELECODE SCHEMATIC

Door entry phone system, connects to a company's switchboard, via analogue extension.

This system acts as a normal extension and therefore the door may be released by any phone on the system if required.

Bewacom units contain a built in codelock.

BEWACOM

BEWATOR ACCESS CONTROL PRODUCTS (3 year Warranty) (continued)

Code

Trade

Cards & Tags

926-0016	IB1 Magnetic Stripe Card. Factory encoded, supplied sequentially
926-0676	CR80M-100 Magnetic Stripe Card, factory encoded, supplied sequentially, suitable for Photo ID (supplied in quantities of 100)
926-0028	IB402 Master card 200 shadow card pack for BC402 (use standard IB1 or CR80M-100 cards for user cards only)
926-0110	IB961 Passive encoded proximity keyring tag. Factory encoded, supplied sequentially
926-0111	IB968 Passive encoded proximity clamshell card. Factory encoded, supplied sequentially
926-0112	IB958 Passive encoded proximity card, ISO format, suitable for Photo ID. Factory encoded, supplied sequentially
926-0196	IB958M Passive encoded proximity card, ISO format, with ISO 7811/2 magnetic stripe, suitable for Photo ID. Factory encoded, supplied sequentially
926-0107	IB928 Active clamshell encoded card (5 year warranty) (read range up to 100cm when used with Hands-free readers) Factory encoded, supplied sequentially
926-0373	IB928-Clear Clear Active clamshell encoded card (5 year warranty) (read range up to 100cm when used with Hands-free readers) Factory encoded, supplied sequentially
926-0374	IB928- Red As above, Red
926-0375	IB928-Green As above, Green
926-0376	IB928-Purple As above, Purple
926-0377	IB928-Blue As above, Blue
926-0108	IB911 Active encoded keyring tag, Factory encoded, supplied sequentially
926-0113	IB970 Active encoded Vehicle tag (attaches to the underside of the vehicle) Factory encoded, supplied sequentially

The read ranges quoted are at optimum performance

Bewatel Audio Door Entry Phone System

A Door Entry System for one to four hardwired dedicated handsets, with the option of a built in Codelock for staff access.

913-0149	BT41 Door Entry Phone with one call button
913-0150	BT44 Door Entry Phone with four call buttons
913-0151	BT41 Door Entry Phone with one call button and built in Codelock
915-0256	BT41 Exchange unit for connecting 4 Bewatel units to one handset
915-0257	V801 Wall mounted handset
915-0258	B801 Desk mounted handset

Twisted paired cable must be used with the above systems

BEWATEL

1 button entryphone system
4 button entryphone system
1 button entryphone system with built in codelock
2 additional slave handsets may be added to any of these units.

Bewacom Door Entry Phone System

A sophisticated Door Entry Phone System that connects directly to a company's internal PABX switchboard (requires a 2 wire analogue line). The system acts as an extension of the switchboard, so there is minimal hard wiring and access can be granted by any extension on the system. There are two variants, the BM3 with a built in Codelock and the BM31 for connection to one nominated extension.

913-0514	BM31 Door Entry Phone, single button for one nominated extension on a company's PABX switchboard, surface mount, back lit keyboard
913-0152	BM3 Door Entry Phone with built in Codelock for connection to a company's PABX switchboard to allow operation from any extension on the system, surface mount, back lit keyboard

Telecode Audio Door Entry Phone System

Telecode is a patented BABT approved Door Entry Phone System that can be connected directly to the public telephone network (PSTN), removing the need for hardwiring of handsets and allows users to open secured doors from their own telephone handsets or via a mobile phone. This makes the system ideal for applications where such hardwiring is either impractical or too costly, thus providing a simple solution for controlling access through remote doors. Telecode also comes with a built-in Codelock enabling tenants and regular callers to gain access via an assigned code.

Telecode Controllers

915-0141	TC20 Telecode Controller for up to 20 stored numbers and 1 TP5 Door Entry Phone
911-0166	TC30/2 Telecode Controller for up to 30 stored numbers and 2 TP5 Door Entry Phones
915-0140	TC40/4 Telecode Controller for up to 40 stored numbers and 4 TP5 Door Entry Phones
915-0139	TC60/5 Telecode Controller for up to 60 stored numbers and 5 TP5 Door Entry Phones
911-0167	TC300/6 Telecode Controller for up to 300 stored numbers and 6 TP5 Door Entry Phones

Telecode Controllers

913-0088	TP5 Telecode Door Entry Phone for use with the Telecode Controllers
913-0087	M65 Keypad for use with Telecode Controllers
915-0144	V801/TC Wall mounting handset for direct connection to Telecode Controllers

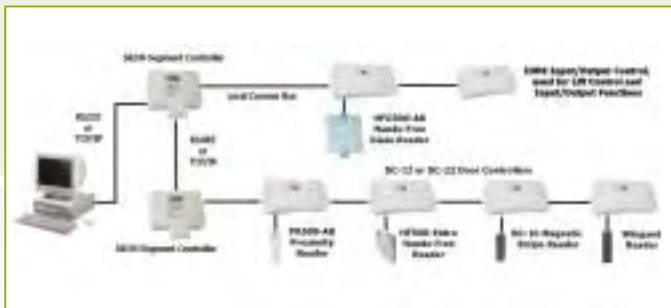
Power supplies

922-0005	TA12DCR Regulated 12V dc 1.5 Amp PSU
922-0031	BA112 12V dc 1 Amp PSU, battery back up facility
922-0220	BA222 12V dc 2 Amp PSU, battery back up facility
922-0221	BA333 12V dc 3 Amp PSU, battery back up facility
922-0030	BA212 12V dc 5 Amp PSU, battery back up facility
015-0018	0150018 12V 7 Amp rechargeable sealed lead acid battery

TELECODE

A BABT approved door entry phone system, that allows a direct connection from the controller to the BT telephone network. Allows for remote release or where long distance wiring may be a problem. Allows remote release via mobile telephone. Controllers available for up to 6 doors and 300 programmed telephone numbers.





DC12



DC22



BEWATOR ACCESS CONTROL PRODUCTS (3 year Warranty) (continued)

Code

Trade

BEWATOR ENTRO Version 5, PC based Access Control System

Bewator ENTRO is a very cost effective solution when system components are optimised. Can support up to 512 readers, 20,000 users.

ENTRO VERSION 5.3 FEATURES

- 10,000 Systems per controlling PC
- 512 doors per System
- 40,000 Card Holders
- Integration with Siemens Sistrore DVRs
- 500 Access Groups
- 250 Time zones
- Lift control
- Input/Output module
- New hardware and housings
- Can be modem controlled
- Extensive flexible holiday groups
- 8 bit Wiegand Burst support
- Bank Lobby Function via common card facility
- Full support for upgrade of Entro Lite
- Increased Search Functions
- Caretaker Command support
- 61,000 Reservations via Internet Reservation System
- Shortcut tabs around the system
- 4, 8, 16, 32 Segment Controllers
- Proximity, Hands-Free, Magstripe & keypad options
- Create and control alarm zones
- Fully distributed intelligence, system works when not connected to a PC
- Installation and maintenance friendly
- Onboard TCP/IP connection with new in-built 2 port switch
- Meeting room or Leisure facility online Reservation System (additional hardware required)
- Multiple user database
- Multiple cards per user
- 26 & 32 bit Wiegand support on new Door Controllers
- Downloadable firmware
- Debit support for Internet Reservation Systems

PC requirements

MS Windows 2000/NT/XP 266 MHz and 64Mb Ram



SR34i

Software

925-0185 **ENTRO5** PC Support Pack, includes Entro 5 software and Support Pack, also required for adding additional software to PC's on a system

Note: Entro 5 software is required for adding each additional PC on a system providing there are always as many SR34i's as additional workstations.

System Segment Controllers

The SR34i is a distributed intelligence controller that holds the database for the system and is the interface to the PC with inbuilt TCP/IP capability. Please note the SR34i Segment Controllers are only compatible with ENTRO 4 & 4.5 systems when used with Entro 4.7 software. The SR34i Segment Controller communicates directly with the DVRs when integrated with Siemens Sistrore DVRs

- 911-0287 **SR34i-4** Segment Controller for up to 4 doors
- 911-0288 **SR34i-8** Segment Controller for up to 8 doors
- 911-0290 **SR34i-16** Segment Controller for up to 16 doors
- 911-0289 **SR34i-32** Segment Controller for up to 32 doors

Door Controllers & Readers for Entro 5

These are connected to the SR34i Segment Controllers and also have the connections at the door for the electric release, exit request, etc.

Door Controllers & Interfaces

- 911-0291 **DC12** Door controller 1 door or 2 readers where anti-pass back is required
- 911-0292 **DC22** Advanced Door Controller for 1 door or 2 readers where anti-pass back is required (features include priority group, alarm by-pass control, lock monitoring, warning relay for door and alarm bypass)
- 911-0331 **DC-01** Door interface for controlling doors without a reader, used for general control like timing functions or door monitoring
- 928-0892 **IOR6** Input/Output unit. 4 inputs and 6 outputs, required for functions such as lift control or emergency release
- 927-2400 **IP811** Touch Screen Reservation Terminal for Integrated Reservation Function. TCP/IP based, colour screen & Integral Proximity Reader

Readers for Entro 5

These are connected to the Door Controllers, which are in turn connected to the SR34i Segment Controllers.

Proximity Readers

- 909-0264 **PR500-AB** Proximity Reader, mullion mount (internal or external)
- 909-0203 **SP500-AB** Switch Plate Reader, designed to fit industry standard back boxes (internal or external)
- 909-0202 **PM500-AB** Panel Mount Reader, designed to fit into 3rd party panels such as Door Entry Phones (internal or external)
- 909-0201 **HD500-2-AB** Heavy Duty Reader, designed for use in locations vulnerable to physical attack (internal or external)
- 909-0167 **BC43PROX** Proximity Reader with integral keypad



SP500-AB

For more information about our products, please call +353 (0) 1450 1366

Hands-Free Readers

909-0169	HF500-Entro Hands-Free Reader, providing true Hands-Free performance when used with Active cards and tags (internal use only)
909-0066	BC5511 Hands-Free Reader Pack comprising external HF100 Reading Head and BC5311 interface (internal or external)
909-0379	HFG500-AB Hands-Free Glass Reader. 300mm x 300mm, suitable for screening with corporate logo. Supplied with BC5270 Loop Coupler as interface (internal use only)
909-0380	HFG500E-AB Hands-Free Glass Reader. 300mm x 1000mm, suitable for screening with corporate logo. Supplied with BC5270 Loop Coupler as interface (internal use only)
909-0067	BC5270 Hands-Free Integrated Loop Reader Pack (internal use only)
909-0068	BC5516 Loop Reader Pack suitable for Automatic Vehicle Identification, comprises BC5311 interface (internal use only) and BC-270 Loop Coupler (external use). Use IB-970 Vehicle tags

NEW

Smart Card Readers

909-0382	SC500 Smart Card Reader
909-0383	SC500P Smart Card Reader with keypad

Magnetic Stripe Readers & Keypad

907-0004	BC16 Magnetic Stripe Card-only Reader
907-0023	BC43 Magnetic Stripe Card Reader with integral keypad
905-0031	M43 Keypad only. May also be used in parallel with Proximity or Hands-Free Readers

Entro 5 Starter Packs

911-0297	ENTSTPK2R-V5 Two Reader Proximity Starter Pack - inc. 1 x SR34i-4 Segment Controller, 2 x DC12 Door Controllers & 2 x PR500-AB Proximity Readers plus Entro 5 software & Support Pack
911-0349	ENTSTPK2R-SP-V5 Two Switch Plate Reader Starter Pack - inc. 1 x SR34i-4 Segment Controller, 2 x DC12 Door Controllers & 2 x SP500-AB Switch Plate Proximity Readers plus Entro 5 software & Support Pack
911-0298	ENTSTPK4R-V5 Four Reader Proximity Starter Pack - inc. 1 x SR34i-4 Segment Controller, 4 x DC12 Door Controllers & 4 x PR500-AB Proximity Readers plus Entro 5 software & Support Pack
911-0350	ENTSTPK4R-SP-V5 Four Reader Switch Plate Proximity Starter Pack - inc. 1 x SR34i-4 Segment Controller, 4 x DC12 Door Controllers & 4 x SP500-AB Switch Plate Proximity Readers plus Entro 5 software & Support Pack
911-0293	ENTCP16-V5 Entro 5 Controller Starter Pack, inc. 1 x SR34i-16 Segment Controller, 1 x BA112 PSU
911-0294	ENTDPP-V5 Entro 5 Add a Door pack inc. 1 x DC12 Door Controller, 1 x BA112 PSU & 1 x PR500-AB Proximity Reader

Entro 5 Reader Packs

909-0321	ENTPRXP-K-V5 Proximity Reader Pack (includes 1 x DC12 Door Controller & 1 x PR500-AB Proximity Reader)
909-0381	ENTSPPK-V5 Switch Plate Proximity Reader Pack (includes 1 x DC12 Door Controller & 1 x SP500-AB Switch Plate Proximity Reader)
911-0351	ENTPMMPK-V5 Panel Mount Proximity Reader Pack (includes 1 x DC12 Door Controller & 1 x PM500-AB Panel Mount Proximity Reader)
911-0352	ENTHDPK-V5 Heavy Duty Proximity Reader Pack (includes 1 x DC12 Door Controller & 1 x HD500-2-AB Heavy Duty Proximity Reader)
909-0322	ENTHFPK-V5 Hands-Free Reader Pack, internal use only (includes 1 x DC12 Door Controller & 1 x HF500-Entro Hands-Free Reader)
907-0035	ENTMAGPK Magnetic Stripe Reader Pack (includes 1 x DC12 Door Controller & 1 x BC16 Magnetic Stripe Reader)

Cards & Tags

926-0016	IB1 Magnetic Stripe Card. Factory encoded, supplied sequentially
926-0676	CR80M-100 Magnetic Stripe Card, factory encoded, supplied sequentially, suitable for Photo ID (supplied in quantities of 100)
926-0110	IB961 Passive encoded proximity keyring tag. Factory encoded, supplied sequentially
926-0111	IB968 Passive encoded proximity clamshell card. Factory encoded, supplied sequentially
926-0112	IB958 Passive encoded proximity card, ISO format, suitable for Photo ID. Factory encoded, supplied sequentially
926-0196	IB958M Passive encoded proximity card, ISO format, with ISO 7811/2 magnetic stripe, suitable for Photo ID. Factory encoded, supplied sequentially
926-0107	IB928 Active clamshell encoded card (5 year warranty) (read range up to 100cm when used with Hands-free readers) Factory encoded, supplied sequentially
926-0373	IB928-Clear Clear Active clamshell encoded card (5 year warranty) (read range up to 100cm when used with Hands-free readers) Factory encoded, supplied sequentially
926-0374	IB928- Red As above, Red
926-0375	IB928-Green As above, Green
926-0376	IB928-Purple As above, Purple
926-0377	IB928-Blue As above, Blue
926-0108	IB911 Active encoded keyring tag. Factory encoded, supplied sequentially
926-0113	IB970 Active encoded vehicle tag (attaches to the underside of the vehicle) Factory encoded, supplied sequentially
926-0198	SC558 Smart Card

NEW

The read ranges quoted are at optimum performance

Accessories for Entro 5

925-0221	ENTRO4.7 Upgrade Software for systems using version 4 or 4.5, allows the use of SR34i Segment Controllers (will not provide the new functions of version 5)
912-0288	USB-ENROL Enrolment Reader interface for Entro 5. Complete with a PR500-AB Proximity Reader pre-mounted on a desk stand
927-2401	TamperKit Tamper Kit for wall fitment of DC22 Door Controllers
912-0365	IF1 RS232 Cable Connection Kit for SR34i connection to PC. Includes 20m of cable and connection box
927-1493	MOUNTING BC16 Cardreader mounting plate for uneven surfaces
926-0010	BB3 Flush Mounting Kit for M43 Keypad
927-0286	BB4 Flush Mounting Kit for BC43 Cardreaders
927-2402	BB7 Flush Mounting Kit for IP811 Touch Screen Reservation Terminal
927-2403	CF8 SR34i Memory Card for Internet Reservation Systems
927-0691	SH-4 Rain Hood for BC43 Cardreaders

NEW

NEW

NEW

NEW

NEW

NEW

NEW

NEW

ID accessories are available in the Payne Security section of this product guide on pages 100 & 101

CABLE SPECIFICATION for ENTRO systems

Maximum distance from first controller to last controller is 1.2Km using belden GAR9502STY or Cat5 cable (Global BUS)
 Maximum distance from first DC12/DC22/DT05 controller to last DC12/DC22/DT05 controller is 1.2Km using belden GAR9502STY or Cat5 cable (Local BUS)
 Maximum distance from BC16 to DC12/DC22 is 50m using belden GAR9536STY cable
 Maximum distance from PR500-AB, SP500-AB, PM500-AB, HD500-2-AB, BC5270, BC5311 to DC12/DC22 is 50m using belden GAR9538STY cable
 Maximum distance from HF100, BC270 to BC5311 interface is 300m using belden GAR9502STY cable
 Maximum distance from PC to first controller is 25m using belden GAR9536STY cable



BEWATOR GRANTA VERSION 5 SECURITY MANAGEMENT SYSTEMS (3 Year Warranty)

Code

Granta Primo Access Control System

Each Primo Starter Pack comes complete with a fully-fitted controller, power supply and a choice of 2 or 4 Reading Heads, either Bewator's advanced Proximity units or the Cotag Patented user-friendly Hands-Free version and a complete Primo software package. Starter doesn't mean limited, Primo itself can cope with up to 2,500 cardholders, 1,023 access levels and 64 time zones, the controllers are capable of working offline or online. Primo also supports full door monitoring.



Trade

Granta Primo Packs, cost effective 2 or 4 door, Hands-Free or Proximity Access Control System

- 911-0237 **Primo-2-Prox** Granta Primo Controller pack comprising of a 4010-CPP controller, 2 x PR100 Proximity Reading Heads and Primo software
- 911-0238 **Primo-4-Prox** As above with 4 x PR100 Proximity Reading Heads, 4322 Dual Reader Module and 814 cable (pre-installed)
- 911-0239 **Primo-2-HF** Granta Primo Controller pack comprising of a 4010-CPP controller, 2 x HF100 Hands-Free Reading Heads and Primo software
- 911-0240 **Primo-4-HF** As above with 4 x HF100 Hands-Free Reading Heads, 4322 Dual Reader Module and 814 cable (pre-installed)

GRANTA

Primo 4840 Software
75,000 cardholders
1,023 Access levels
64 Time frames
2,048 readers
Input/Outputs
Supports Windows 98,2000, ME & NT

Slave Controller for Granta Primo Access Control System

- 911-0128 **4010-CNP** 2 Reader Controller, RF module, & 12V dc 3 Amp PSU. Can be increased to a 4 Reader Controller using 4322 Reader Module and 814 cable

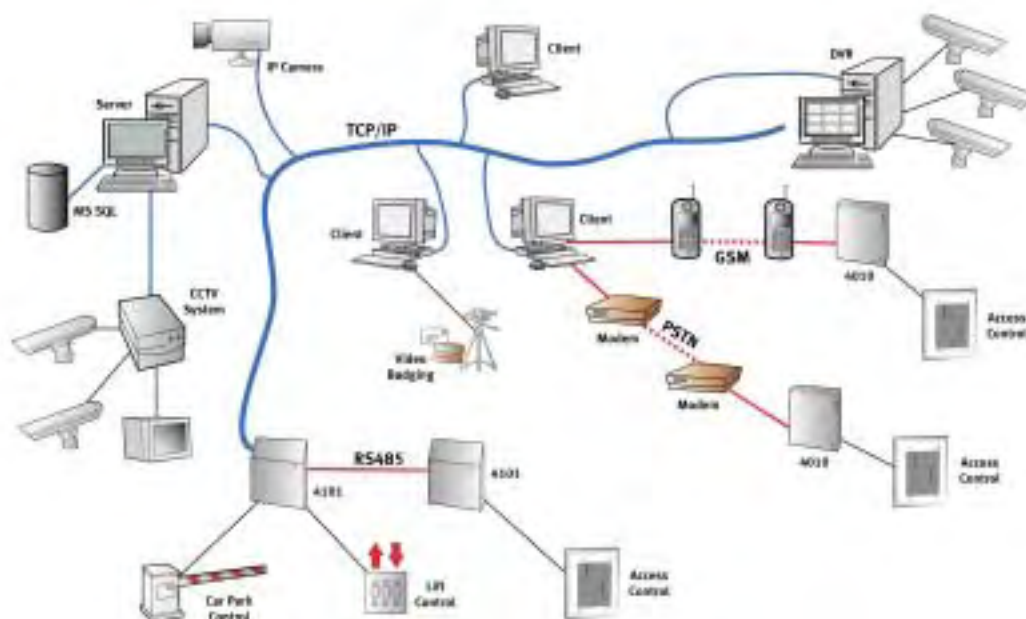
For use with Cotag Technology Reading Heads

Reader Modules and Accessories

- 912-0054 **4322** Dual Cotag Reader Module. For connection of up to two Reading Heads (requires a 814 cable)
- 912-0050 **814** Reader Module Cable Assembly for adding a Reader Module to 4010 Controller
- 912-0051 **4105** Memory Expansion Module for increased card capacity in 4010 Controllers from 2,500 to 13,000
- Note : Uses a dedicated slot. All controllers on the system must be equipped. (The 4105 cannot be used in a 4101)**
- 922-0064 **B125** Back-up battery for 4010 Controllers

Reading Heads

- 909-0173 **PR100** Proximity Reading Head, mullion mount (internal or external)
- 909-0206 **SP100** Switch Plate Reading Head, designed to fit industry standard back boxes (internal or external)
- 909-0205 **PM100** Panel Mount Reading Head, designed to fit into 3rd party panels such as Door Entry Phones (internal or external)
- 909-0204 **HD100-2** Heavy Duty Reading Head, designed for use in locations vulnerable to physical attack (internal or external)
- 909-0119 **HF100** Hands-Free Reading Head, offering Real Hands-Free performance with Active cards and tags (internal or external)



BEWATOR GRANTA SQL VERSION 5 SECURITY SYSTEMS SCHEMATIC

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Granta Security Management System

Granta Systems Selection Table – PR100/HF100

MODEL + DESCRIPTION	Number of Readers PR100 / HF100							
	4	8	12	16	24	32	64	65
4880 / 4840 Granta Software	1	1	1	1	1	1	1	1
4101 Modular Controller	1	1	2	2	3	4	8	9
4210 RF Module	1	1	2	2	3	4	8	9
4230 Comms Module	*	*	*	*	1	1	1	0
4235 Comms Module	0	0	0	0	0	0	0	1
4322 Dual Cotag Reader Module	2	4	6	8	12	16	32	33
PR100 / HF100	4	8	12	16	24	32	64	65
4910 Power Supply	1	1	2	2	3	4	8	9
922 Test Card	1	1	1	1	1	1	1	1

* A communications module is not mandatory where the number of doors does not exceed 16. If however the distance from the PC to the controller exceeds 15m or where more than two controllers are required for up to 16 doors (where cabling does not allow all access points to go back to two controllers) a 4232 comms module can be used for this purpose.

Granta Primo Proximity Access Control System
Sample Configurations

Model/Description	Number of Readers				
	2	4	8	12	16
Primo-2-Prox	1				
Primo-4-Prox		1		1	1
4010-CNP			1	2	3
4322 Dual Cotag Reader Module			1	2	3
814 Reader Module Cable Expansion			1	2	3
PR100 Proximity Reading Head			4	8	12

Granta Primo Hands-Free Access Control System

Model/Description	Number of Readers				
	2	4	8	12	16
Primo-2-HF	1				
Primo-4-HF		1	1	1	1
4010-CNP			1	2	3
4322 Dual Cotag Reader Module			1	2	3
814 Reader Module Cable Expansion			1	2	3
HF100 Hands-Free Reading Head			4	8	12

Bewator Granta Software & Photo ID Packages

- 925-0222 **4880** Granta 5 SQL Core Software. Required as minimum for each installation
- 925-0223 **4881** Alarm Graphics for Granta 5. Enables alarms to be displayed on graphics pages, such as floor plans, pictures etc
- 925-0224 **4883** Image Monitor for Granta 5. Enables comparison of a stored image with that of the person presenting a card
- 925-0225 **4884** Multiple Hardware Module for Granta 5. Required for remote modem sites or when using the 4236 TCP/IP Module
- 925-0226 **4885-Pro** Video Badging System for Granta 5. Produces photo-ID cards on the IB-958 ISO cards

The above comprises of software controlled camera, USB image capture device, software/license, tripod and cables. Includes 4880 Granta 5 SQL Core Software

NEW

- 927-2404 **4885-ProPrint** Video Badging System for Granta 5. Produces photo-ID cards on the IB-958 ISO cards

The above comprises of Magicard Rio 2 dye sublimation printer, software controlled camera, USB image capture device, software/license, tripod and cables. Includes 4880 Granta 5 SQL Core Software

Granta Version 5 -
4880 Core Software

SQL Database
75,000 cardholders
4096 Access points
1023 Access levels
64 Time frames
Eventys DVR Manager
Modem connection
Comprehensive reports
Logical Input/Output control
Full status checking
Supports Windows 2000, XP,
NT4.0xx, 2003 Server

- 925-0227 **4885-L** Video Badging License for Granta 5. Software/license agreement for use where images are imported as existing files or where a connection to a TWAIN compatible source is preferred, e.g. digital camera
- 925-0228 **4886** X Link for Granta 5. Enables Granta to export information, in real time, to 3rd party software applications
- 925-0229 **4887** CCTV Manager for Granta 5. Enables Granta to integrate with Bewator Video controllers providing a common interface with Access and Video systems
- 925-0230 **4888** Visitor Manager for Granta 5. Provides an effective visitor management tool
- 925-0231 **4889** Database Partitioning for Granta 5. Controls the separation of data for use by different companies on the same system

Controllers

NEW

- 911-0135 **4101-2** Modular Controller for up to 8 readers (1 slot for an RF module & 5 for other modules)
- 911-0403 **4010-CNPI** 2 Reader Controller, RF built in, 12V dc 3 Amp PSU & 4237 TCP/IP Module. Can be increased to a 4 Reader Controller using 4322 Reader Module and 814 cable. For use with Cotag Technology Reading Heads
- 911-0404 **4010-SNPI** 2 Reader Controller, 12V dc 3 Amp PSU & 4237 TCP/IP Module. Can be increased to a 4 Reader Controller using 4422 Reader Module and 814 cable. For use with 3rd Party Readers (Wiegand/Clock & Data)

NEW

Modules

RF and Reader Modules must be added to either 4101 or 4010 Controllers depending on the required reader type and reader quantity, see previous tables for quantities and part numbers.

RF Modules

- 912-0053 **4210** RF Module (1 per 4101 Controller when using Cotag Reading Heads)

Reader Modules

- 912-0054 **4322** Dual Cotag Reader Module. For connection of up to two Cotag Reading Heads (requires a 814 cable for use in 4010 Controllers)
- 912-0055 **4422** Dual Reader Module. Used for connection of up to two 3rd party Readers. Accepts Wiegand or Clock & Data (requires an 814 cable for use in 4010 Controllers)
- 912-0050 **814** Reader Module Cable assembly for adding a Reader Module or I/O Module to Granta 4010 Controllers

Communication Modules

- 912-0056 **4230** Communications Module for systems between 17 & 64 readers
- 912-0057 **4235** Communications Module for systems with more than 64 readers
- 912-0058 **4232** Communications Module used to connect multiple controllers where a system has less than 17 doors or has an RS485 repeater or an interface on a multi-branch system
- 912-0061 **4239** Communications Module Case, for fitting 4230/2/5, requires a 12V dc 0.5A PSU
- 922-0197 **B02/217-1** 12V dc Power Supply for 4239 Communication Module Case
- 912-0366 **4237** TCP/IP Module. Allows connection of 4101 or 4010 controllers to a LAN or WAN (requires 4884 software option). Installed directly into the Controller

NEW

I/O Module

- 912-0059 **4253** 16 Input/8 Output Module. Inputs are 4 state monitored. Outputs are single pole relays

287.50



Reading Heads for use with Granta System

Proximity Reading Heads

909-0173	PR100 Proximity Reading Head, mullion mount (internal or external)
909-0206	SP100 Switch Plate Reading Head, designed to fit industry standard back boxes (internal or external)
909-0205	PM100 Panel Mount Reading Head, designed to fit into 3rd party panels such as Door Entry Phones (internal or external)
909-0204	HD100-2 Heavy Duty Reading Head, designed for use in locations vulnerable to physical attack (internal or external)

Hands-Free Reading Heads

909-0119	HF100 Hands-Free Reading Head, offering Real Hands-Free performance with Active cards and tags (internal or external)
909-0120	270 Loop Coupler. Used for loop aerials for access control. Internal or external use
911-0137	5616 Loop Reader Pack suitable for Automatic Vehicle Identification, comprises 5411 interface (internal use only) and 270 Loop Coupler (external use). Use IB970 Vehicle tags
909-0250	HFG100 Hands-Free Glass Reading Head. 300mm x 300mm, suitable for screening with corporate logo. Supplied with 270 Loop Coupler as interface (internal use only)
909-0251	HFG100E Hands-Free Glass Reading Head. 300mm x 1000mm, suitable for screening with corporate logo. Supplied with 270 Loop Coupler as interface (internal use only)

Smart Card Readers

909-0382	SC500 Smart Card Reader
909-0383	SC500P Smart Card Reader with keypad

Magnetic Stripe Reader and Keypad

907-0004	BC16 Magnetic Stripe Card-only Reader
905-0031	M43 Keypad only (connects to a 4988 DPDA fitted in a 4322/4422 Reader Module) - for internal or external use
905-0033	4922 Dual PINpad Data Adaptor (DPDA). Add-on unit for 4322 and 4422
905-0034	4988 PINpad Data Converter (PDC). Enables connection of a 4x3 row & column keypad to a 4922 unit

The 4922 allows two additional M43 keypads to be added to a Reader Module, without losing reader capacity. The 4988 when used in conjunction with the 4922 allows an industry standard keypad to be added (1 per 4988, up to a max of 2 per Reader Module).

Ancillary Items

912-0051	4105 Memory Expansion Module for increased card capacity in 4010 controllers from 2,500 to 13,000 Note : Uses a dedicated slot. All controllers on the system must be equipped. (The 4105 cannot be used in a 4101)
912-0052	4105-2 Memory Expansion Module for over 13,000 cards (for 4101 controllers only)
912-0060	4953 Input/Output status Display Module. Fits to 4253 as a service aid to display status of inputs & outputs on LED's
922-0065	4910 Power supply 12V dc 5 Amp WITH battery backup (for 4101 controllers)
922-0066	4911 Power supply 12V dc 5 Amp WITHOUT battery backup (for 4101 controllers)
922-0064	B125 Back-up battery for 4911 PSU or 4010 Controllers

Cables

927-0462	812-1 Custom Cable for connection of access point to controller, 100m drum. Low smoke/Zero Halogen specification
927-0463	812-3 Custom Cable for connection of access point to controller, 300m drum. Low smoke/Zero Halogen specification

Accessories, Installation & Test Equipment

927-0464	922 L.E.D. Test Card. Used to give an indication of the reading field from a Cotag Reading Head or Loop
927-0461	ID100 Remote L.E.D. indicator. Used to provide indication when a loop system is installed
922-0067	4915 Auxiliary 24 volt converter. Fits in 4910/4911 to give a 24 volt output e.g. electric motor locks

Healthcare & Asset Protection Products

911-0136	5470 Integrated Multi-Function Loop Reader. Consisting of a 270 Loop Coupler and a 5411 Multi-Function Reader Interface in a single housing. (internal use only)
911-0137	5616 Multi-Function Loop Reader Pack. Consisting of a 270 Loop Coupler (internal or external use) and a 5411 Multi-Function Reader Interface (internal use only)
911-0138	5611 Hands-Free Multi-Function Reader Pack. Consisting of a HF100 Reading Head (internal or external use) and a 5411 Multi-Function Reader Interface (internal use only)
911-0139	5615 Proximity Multi-Function Reader Pack. Consisting of a PR100 Reading Head (internal or external use) and a 5411 Multi-Function Reader Interface (internal use only)

Note: Prior to any installation a full site survey should be carried out by an engineer that has attended a Bewator Loop training course.

Code

Trade

Cards & Tags for Granta Systems + OEM Readers

Cards & Tags for Granta Systems only

926-0016	IB1 Magnetic Stripe Card. Factory encoded, supplied sequentially
926-0676	CR80M-100 Magnetic Stripe Card, Factory encoded, supplied sequentially, suitable for Photo ID (supplied in quantities of 100)
926-0110	IB961 Passive encoded proximity keyring tag. Factory encoded, supplied sequentially
926-0111	IB968 Passive encoded proximity clamshell card. Factory encoded, supplied sequentially
926-0112	IB958 Passive encoded proximity card, ISO format, suitable for Photo ID. Factory encoded, supplied sequentially
926-0196	IB958M Passive encoded proximity card, ISO format, with ISO 7811/2 magnetic stripe, suitable for Photo ID. Factory encoded, supplied sequentially
926-0107	IB928 Active clamshell encoded card (5 year warranty) (read range up to 100cm when used with Hands-free readers). Factory encoded, supplied sequentially
926-0373	IB928-Clear* Clear Active clamshell encoded card (5 year warranty) (read range up to 100cm when used with Hands-free readers) Factory encoded, supplied sequentially
926-0374	IB928-Red* As above, Red
926-0375	IB928-Green* As above, Green
926-0376	IB928-Purple* As above, Purple
926-0377	IB928-Blue* As above, Blue
926-0108	IB911 Active encoded keyring tag, Factory encoded, supplied sequentially
926-0113	IB970 Active encoded Vehicle tag (attaches to the underside of the vehicle). Factory encoded, supplied sequentially
926-0198	SC558 Smart Card
926-0188	940 Patient Wrist Tag (3 year warranty), requires pre-programming via our Technical Support Department
926-0189	H213 Strap for patient wrist tag (1 year warranty)
927-0464	922 L.E.D. Test Card. Used to give an indication of the reading field from a Cotag Reading Head or Loop

Cotag Read Ranges				
ID Devices		HF100/HF500 Reader	PR100/PR500 Reader	loops
Active	IB928	1m	30cm	>1m
	IB911	75cm	25cm	>1m
Passive	IB961	15cm	5cm	not suitable
	IB958	30cm	10cm	not suitable
	IB968	30cm	10cm	not suitable
Asset tags	IB940	75cm	25cm	>1m
	IB942	75cm	25cm	>1m
	IB944	75cm	25cm	>1m

NEW

Notes: All cards prefixed with IB are for use with a new Granta System. Card re-orders for pre-installed systems may require specific programming and our Technical Sales Support Department must be consulted.

*No custom printing available on coloured card options.

Only use Active Cards with Tags and Loop systems. For baby/asset tagging systems, Multi Function Loop Controllers MUST be used.

A 928CC must be purchased when ordering any cards especially PASSIVE cards for a new installation using either the 4101/4010 Controllers or OEM Cotag readers regardless of the type of proximity cards/tags required.

Cards & Tags

These are a selection of cards available. Please contact our Technical Sales Support Department for a complete listing of cards from Bewator. Cards are encoded depending on the system to work with, this must be specified at the time of ordering.

926-0193	968 Passive clamshell card
926-0183	928 Active clamshell card, 5 year warranty (read range up to 100cm when used with Hands-Free Readers)
926-0195	958-102 Proximity card, suitable for Photo ID

ID accessories are available in the Payne Security section of this product guide on pages 100 & 101

OEM Readers - Wiegand and Clock & Data formats, require configuration card

Note: A 928CC must be purchased when ordering any cards for a new installation using either the 4101 controller or OEM Bewator readers regardless of the type of proximity cards/tags required.

926-0330	928CC Active Configuration Card (5 year warranty)
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Real Hands-Free

909-0165	HF500 Hands-Free Reader, inc integral electronics (internal use only)
909-0252	HFG500 Hands-Free Glass Reader. 300mm x 300mm, suitable for screening with corporate logo. Supplied with 5270 Loop Coupler as interface (internal use only)
909-0253	HFG500E Hands-Free Glass Reader. 300mm x 1000mm, suitable for screening with corporate logo. Supplied with 5270 Loop Coupler as interface (internal use only)
909-0127	5511 Hands-Free Reader Pack, inc HF100 Reading Head (external use) & 5311 Interface (internal use)
909-0128	5270 Integrated Loop Reader, inc 270 Loop Coupler (external use) & 5311 Interface in one housing (internal use)
911-0137	5616 Loop Reader Pack suitable for Automatic Vehicle Identification, comprises 5411 interface (internal use only) and 270 Loop Coupler (external use). Use IB970 Vehicle tags

Note: Prior to any installation a full site survey should be carried out by an engineer that has attended a Bewator Loop training course.

Proximity Readers

909-0166	PR500-GP Proximity Reader, mullion mount (internal or external)
909-0254	SP500-GP Switch Plate Reader, designed to fit industry standard back boxes (internal or external)
909-0255	PM500-GP Panel Mount Reader, designed to fit into 3rd party panels such as Door Entry Phones (internal or external)
909-0256	HD500-2-GP Heavy Duty Reader, designed for use in locations vulnerable to physical attack (internal or external)

Note : OEM readers will require a 12V dc 500mA power supply.





Leave a lasting impression with Progeny



Are you familiar with all the features that the Progeny range has to offer?
If not, can you be sure that you are making the right choice for your access control products?

The Progeny range offers exceptional value for money with a host of features that give you the competitive advantage. You will continue to appreciate the Progeny quality, reliability and customer service long after the great value for money is forgotten.

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25 years of Quality, Reliability and Support



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www.progeny.co.uk

Stand Alone Keypads

A range of keypads with the control electronics built-in. All have 100 codes of 4 to 6 digits, and two independent channels (50 codes per channel). Includes door monitoring, request to exit inputs and alarm outputs.

902-0025	2059	Surface only internal/external membrane keypad
902-0052	2064	As 2059, external with vandal resistant keypad. (includes back lit keyboard and requires a mounting box)
905-0018	2067	Surface only internal spyproof keypad
909-0036	2131	Flush box for 2064
927-0204	2132	Surface box for 2064



2067 2064 2059

One Door Proximity/Keypad System (a 12V dc 1 Amp PSU is required for the Chameleon products below)

904-0009	2159	Chameleon - Proximity/keypad system 8,000 card users, 50 access codes, 2 outputs/door
904-0042	2159LP	Chameleon - Proximity/keypad system, as above with Low Profile Proximity reader (2052HID)
904-0041	2159VR	Chameleon - Proximity/keypad system, as above with Vandal Resistant Proximity reader (2053HID)



2159

Interlock Controllers

Interlocking is used to provide higher security or clean room applications by generating an "air lock". Interlocking is based on doors being monitored and linked together so that if one door is open, the other doors will not operate until the open door is secured. 2089 controllers monitor doors and have an input for door open, push buttons, lock output and interlock output/input connections.

911-0088	2089	One door Interlock controller with built-in 12/24V dc 2Amp charger PSU
911-0089	2089D	Two door Interlock controller with built-in 12/24V dc 2Amp charger PSU
912-0024	2069	Four way Interlock programming module, for either 4x1 doors or 2x2 door units

Stand Alone Controllers

These units have 100 codes and 10,000 cards or Card & PIN. In addition 100 Guest Cards can be programmed into the unit. Also includes door monitoring and alarm outputs. Easily programmed from the on board keyboard. The 2163 range can be upgraded to Online by exchanging the PCB assembly.

911-0061	2163	One door 2 reader controller, 10,000 users, 12/24V dc 2 Amp PSU, (Not Networkable)
911-0060	2163D	Two door 4 reader controller, 10,000 users, 12/24V dc 2 Amp PSU, (Not Networkable)

Chameleon

- 2 channels/doors
- 8,000 card capacity
- +100 guest cards
- 50 user codes
- Built-in programming keyboard
- Prox card or key fob
- Door monitoring
- Anti-tailgate
- Integral call/exit button
- Lock release timed or toggle
- Indoor or outdoor use
- Robust design
- Prog or teach cards in/out

P3 Access Control. A new era for Progeny.

Multi Site up to 10,000 sites, 65,000 Doors, 10,000 Cardholders, WAN, LAN, Modem options, 256 Access Levels per site, 64 time zones per site, 2,000 events per door, various reader technologies, System Integration T&A, HR Databases, Fire Systems etc. Selective event reporting, Roll Call manual or automatic to multiple printers.

911-0161	3001	P3 One door 2 reader controller, 10,000 users 12/24V dc 2 Amp PSU. with 2000 date/time event buffer
911-0162	3001D	P3 Two door 4 reader controller, 10,000 users 12/24V dc 2 Amp PSU. with 2000 date/time event buffer
925-0099	3103	PC cable, acts as an interface (max 15m) for connecting P3 controller to PC inc. FOC software (1 required per local site)
925-0139	3108	Doors Enterprise Software (includes floor plans as standard) for P3 systems only
925-0242	3109	Doors Enterprise Software SQL Edition (includes floor plans as standard) for P3 systems only
928-0875	3107	USB to RS485 Com Port Adapter



3001 & 2058HID

P3.NET

P3.NET is an IP addressable access controller. Integrated Ethernet electronics means no need for costly LAN adapters or additional boxes. Connects directly to existing LAN/WAN using 10/100 base T (RJ45). A simple engineers menu gives access to all the necessary IP configurations (IP Address, Gateway Address, Subnet Mask). P3.NET provides an "Always On" connection.

911-0229	3002	P3.NET One door 2 reader IP addressable controller, 10,000 users 12/24V dc 2 Amp PSU
911-0230	3002D	P3.NET Two door 4 reader IP addressable controller, 10,000 users 12/24V dc 2 Amp PSU

P3.GPRS

Yet another connectivity option from Progeny. This P3 controller has a built in "General Packet Radio Service" (GPRS) modem. This makes use of the mobile data network to allow communication to controllers where it is not possible or desirable to use a modem or LAN/WAN. Once connected to the service provider the P3.GPRS controller is given an IP address and can then communicate just like the P3.NET controller. GPRS provides an "Always On" connection and you only pay for the data transferred.

911-0299	3006	P3.GPRS One door 2 reader TCP/IP GPRS, 10,000 users 12/24V dc 2 Amp PSU
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P3 System

- Fully distributed intelligence
- Simple system architecture
- Scalable 1 to 65,000 doors
- 10,000 card holders
- Random card facility
- Uses Local/Wide Area Network
- Modem links to remote sites
- Can be programmed via keypad
- User definable PIN numbers
- 2000 event memory per door

P3.SIM

The P3.SIM is a "Systems Integration Module". Two models are available. One provides for 16 general purpose inputs and 16 general purpose outputs and includes a standard Progeny 12/24V 2Amp charger PSU. The other provides 16 inputs only and is supplied in a compact metal enclosure with no PSU. Initial applications include: Fire Door monitoring, CCTV camera multiplexer interface. More applications are being constantly developed.

912-0234	3004-I	P3.SIM Systems Integration Module (16 inputs only, No PSU)
928-0322	3004	P3.SIM System Integration Module (16 inputs and 16 relay outputs, Includes Charger PSU)

Doors Enterprise Software for P3

- 10,000 sites 65,000 doors
- 10,000 card holders
- 256 access levels per site
- 256 time windows per site
- 8 calendars
- Photo ID card production software
- Floor plans with status/alarm monitor
- Open door from PC
- Automatic Roll Call report
- Interactive onscreen reporting



P3.PSTN

This P3 controller has a built in "Public Switched Telephone Network" (PSTN) modem. When connected to a standard analogue telephone line it allows communication via a modem located at the server end of the system. The Doors Enterprise software can be scheduled to dial up remote P3.PSTN controllers to collect event log data and upload any commands from the system.

- 911-0257 **3003** P3.PSTN One door 2 reader controller with integrated modem, 10,000 users 12/24V dc 2 Amp PSU
 912-0113 **3105** PC Modem for P3

Commissioning Engineer

- 927-0271 **2005** 1 Engineer per day
 928-1043 **2004** On site engineer training
 925-0362 **2003** Database Import/Manipulation Service

**Time & Attendance**

The Time and Attendance Integrator Service is a service provided by BSB that facilitates the integration of time and attendance systems with Progeny Access Control.



- 925-0361 **3110** Progeny Time and Attendance Integrator Service

CABLE SPECIFICATION

Maximum distance from controller to magstripe swipe reader/proximity reader is 100m using belden GAR9538STY cable
 Maximum distance from controller to keypad is 100m using belden GAR9540STY cable
 Maximum distance from P3 interface to P3 controller is 1km using belden GAR9502STY cable
 Maximum distance from PC to P3 is 15m using 3103 (925-0099)
 Maximum distance from PC to P3.net is 100m using Cat 5 cable to the ethernet interface

Cable

- 927-0200 **GAR9502STY** Belden style, 2 pair twisted pair overall screened cable, 24AWG, 100m
 927-0041 **GAR9538STY** Belden style, 8 conductor overall screen cable, 24AWG, 100m
 927-0042 **GAR9540STY** Belden style, 10 conductor overall screen cable, 24AWG, 100m

Keypads & Readers (to suit Progeny range of controllers)**Keypads**

- 901-0007 **2040** Internal spyproof keypad
 901-0008 **2121** External keypad, flush, vandal resistant (includes back lit keyboard)

Scramble Keypad

- 905-0029 **2011S** Scramble keypad, rearranges the digits each time the keyboard is initiated, Surface mounted
 905-0030 **2011P** Scramble keypad, rearranges the digits each time the keyboard is initiated, Panel mounted

**Mag Swipe Readers**

- 907-0013 **2072** Internal swipe card reader (Track 2)
 903-0012 **2125** Stainless Steel cover for 2072 card reader
 907-0012 **2126** External swipe card reader, c/w LED & buzzer Stainless Steel finish
 907-0015 **2074** Internal swipe card reader c/w LED, black finish
 907-0014 **2073** External swipe card reader c/w LED, black finish
 907-0061 **2122** External swipe card reader c/w LED, Stainless Steel finish

**Combined Magstripe & Keypad Readers**

- 908-0016 **2087** Internal spyproof keypad and swipe reader

Proximity Readers

- 909-0392 **2056HID** Desktop reader, RS232 Interface, c/w PSU
 909-0029 **2058HID** Proximity reader (read range up to 10cm)
 909-0034 **2052HID** Surface small profile proximity reader, 2m screened cable (read range up to 9cm)
 909-0035 **2053HID** Vandal resistant proximity reader, requires 2131 flush box or 2132 surface box (read range up to 7cm)
 909-0323 **2053OEMHID** Vandal resistant proximity reader (read range up to 7cm) as above but without the Stainless Steel front plate, enabling installation of the reader into an audio entry panel.
 909-0324 **2050KBHID** Proximity mid range reader (read range up to 20cm) with keyboard for use with P3 controllers
 909-0056 **2050HID** Proximity mid range reader (read range up to 20cm)
 909-0057 **2051HID** Proximity long range reader (read range up to 60cm)
 926-0152 **2032P** Colour Barcode Card with Photo ID
 926-0151 **2032** Colour Barcode Card
 926-0150 **2031** Mono Barcode Card
 907-0030 **2030** Barcode Reader (Infrared)
 909-0290 **3211** Cotag Long Range Reader with Progeny format
 909-0375 **2039HID-HAZ** Mini proximity reader for use in hazardous environments

**PROXIMITY READERS**

For more information about our products, please call +353 (0) 1450 1366

Cards and Proximity devices (all proximity cards & fobs carry a life time warranty)

907-0025	2014 Mono Mag swipe card
926-0093	2015 Colour Mag swipe card
926-0094	2015P Colour Mag swipe card with Photo ID
926-0095	2016 Custom artwork for cards (a one off charge)
928-0539	2017 Card encoding service - to encode customer supplied cards to one of progeny's standard formats, enabling them to work on a progeny system (Per 100 cards)
927-0270	2018 Cleaning rollers for 2065 or 2066 printers (pack of 5)
926-0100	2150 Cleaning cards for Mag swipe readers (pack of 10)
926-0080	2044HID Proximity card
926-0101	2042HID ISO proximity card
926-0639	2042PHID ISO proximity card with photo ID
926-0640	2041HID ISO proximity card with magstripe
926-0060	2043HID Proximity key fob
909-0200	2045HID MicroProx self-adhesive Tag

Site Code

All BSB systems are site coded to give the highest possible security. This four digit number, which is unique to each site, is issued when a new batch of cards/tags are requested. For additional cards/tags on an existing site, it is important to provide the site code with your order. If a card/tag order is received without an accompanying site code it is assumed it is for a new site.

Photo ID

BSB provide a bureau service for custom card design including photo ID. An initial set up charge of £111.25 (code 2106) is made for the custom artwork. A logo is usually taken from letterheads etc. supplied by the relevant company, authority, university etc. BSB can import ID pictures from passport / full size photographs or Files from digital cameras etc.

ID accessories are available in the Payne Security section of this product guide on pages 100 & 101

Active RFID Readers (The read ranges quoted are at optimum performance using Active RFID devices)

909-0114	2190 Active RFID Reader (read range Min 200mm, Max 1200mm & 3000mm with ext aerial)
909-0115	2191 Active RFID Direction Sense Reader (read range 1000mm)
909-0113	2198 Active RFID Reader (read range 1000mm)
909-0112	2192 Active RFID Mullion Reader (read range 150mm)

iCLASS Readers

909-0313	3236 iCLASS Smart Proximity Mullion Reader R40
909-0328	3237 iCLASS Smart Proximity Mullion Reader with Keyboard RK40
909-0242	3231 iCLASS Smart Proximity Mullion Reader

Mifare Reader

909-0214	3601 Mifare Smart Proximity Reader
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Accessories for Keypads & Readers

909-0036	2131 Flush box for 2121 keypad & 2053HID proximity reader
927-0204	2132 Surface box for 2121 keypad & 2053HID proximity reader

Biometric Finger Print Readers (Template on Card)

These iCLASS readers have integrated fingerprint readers. The fingerprint is stored on the iCLASS card (16K2 or 16K16) thus the user carries the reference template around with them. No need to network the readers together.

909-0329	3250 iCLASS reader with fingerprint verification. Note: each installation would require at least one 3251 Enrolment unit to store the fingerprints onto the iCLASS cards. 16K2 or 16K16 cards must be used
909-0330	3251 Enrolment unit. This unit contains an iCLASS reader and a fingerprint reader for the purpose of recording the users fingerprint onto the iCLASS card

Active RFID, iCLASS & Mifare Devices

Active RFID

926-0157	2186 Vehicle Tag (black)
926-0156	2184 Active RFID Card
926-0160	2187 Active RFID Limpet Tag
926-0164	2182 Active RFID card holder
926-0163	2183 Active RFID Fob

iCLASS

926-0502	3235 iCLASS 2K2 Smart Proximity self-adhesive Tag
926-0644	3235-16K16 iCLASS 16K16 Smart Proximity self-adhesive Tag
926-0503	3232 iCLASS 2K2 Smart ISO Proximity card
926-0646	3232-16K16 iCLASS 16K16 Smart ISO Proximity card
926-0504	3233 iCLASS 2K2 Smart Proximity key fob
926-0648	3233-16K16 iCLASS 16K16 Smart Proximity key fob

Mifare

926-0457	3610 Mifare Smart ISO Proximity card
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Card Printing & Encoding

927-0262	2065 CARD PRINTER, Dye Sublimation Printer used to print Photo ID cards, labels and ISO Prox cards direct from the Doors for Windows Software
927-0263	2066 PRINTER ENCODER as above but also encodes Mag Swipe cards
927-1298	0104 Hot swap agreement for 2065 or 2066 printers
927-0264	2020 Mono ribbon
927-0265	2019 Four colour ribbon
927-0266	2010 Blank Mag Swipe cards, per 100

ID accessories are available in the Payne Security section of this product guide on pages 100 & 101



3250/3251



CARDS



Contactless smart card technology

R10 reader

iCLASS key

iCLASS tag

RK40 reader

Readable cards

ask about

- iCLASS elite
- card personalisation
- multi technology cards

iCLASS by HID

www.hidcorp.com

HID is the leading manufacturer of readers and cards to the access control market. Why trust anyone else with your contactless smart card needs? Realize the potential of iCLASS

HID (Lifetime Warranty)

Code

Trade

HID is the premier global supplier of proximity based Access Control card and readers for the security industry. With over 250 million credentials in use worldwide, HID is a leader in RFID card and reader technology for a wide range of applications. HID's award winning product line includes iClass 13.56MHz contactless smart cards and readers, 125kHz proximity cards and readers. All HID readers interface with all wiegand protocol access control systems.

HID products are the highest quality in the industry, so it makes good sense for them to offer the best product warranty in the business. HID are proud of their reputation for quality and reliability and they earn it every day with products designed to ensure their customers keep purchasing HID products with confidence. All readers are sealed in a rugged polycarbonate enclosure designed to withstand harsh environments whilst providing a high degree of vandal resistance. All readers are suitable for internal and external use. iClass is HID's new generation proximity contactless smart card technology range.

iClass 13.56MHz Technology Readers

- | | |
|---------------------|---|
| 909-0400 | 6100AKN0000 iClass R10 read only contactless smart card reader, 10 - 16V dc, wiegand output, mullion mount size, black, 18" pigtail connection Dimensions 4.83 cm x 10.26 cm x 2.03 cm, typical read range up to 2.5 cm tag - 7.6 cm card |
| 909-0401 | 6110AKN0000 iClass R30 read only contactless smart card reader, 10 - 16V dc, wiegand output, black, 18" pigtail connection Dimensions 8.38 cm x 8.38 cm x 1.91 cm, typical read range up to 2.5 cm tag - 7.6 cm card |
| 909-0402 | 6120AKN0000 iClass R40 read only contactless smart card reader, 10 - 16V dc, wiegand output, black, 18" pigtail connection Dimensions 8.38 cm x 12.19 cm x 2.16 cm, typical read range up to 2.5 cm tag - 11.4 cm card |
| NEW 908-0068 | 6125AGN0000 iClass RP40 read only contactless smart card reader, 5 - 16V dc, wiegand output, mounted in EU/US/Asian backbox. Reads Mifare & iClass credentials. 18" pigtail connection Dimensions 8.38 cm x 12.19 cm x 2.16 cm, typical read range up to 2.5 cm tag - 10 cm card |
| 909-0403 | 6130AKN0000 iClass RK40 read only contactless smart card reader, 10 - 16V dc, wiegand and / or RS232 output, black, 18" pigtail connection Dimensions 8.38 cm x 12.19 cm x 2.286 cm, typical read range up to 2.5 cm - 10.1 cm. PRESENT CARD AND USE PIN FOR DUAL VERIFICATION OF IDENTITY |
| 909-0404 | 6130AKT0000 As above with terminal connections |
| NEW 908-0069 | 6150AKT0000 iClass R90 long range read only contactless smart card reader. 12-24V dc, wiegand output, black, terminal strip connection. Dimensions 30.48 cm x 30.48 cm x 3.175 cm, typical read range up to 22.9 cm tag - 45 cm card |

iClass 13.56MHz Technology Credentials

Cards

- | | |
|----------|--|
| 926-0681 | 2000PGGMN iClass contactless graphics quality white smart card, 2K/2 bits memory size - 104 bytes free space for your application (min. order qty 100) |
| 926-0682 | 2002PGGMN iClass contactless graphics quality white smart card, 16K/16 bits memory size - 1560 bytes free space for your application (min. order qty 100) |

Keyfobs

- | | |
|----------|---|
| 926-0683 | 2050PKNMN iClass contactless smart key, 2K/2 bits memory size - 104 bytes free space for your application, black (min. order qty 100) |
| 926-0684 | 2052PKNMN iClass contactless smart key, 16K/16 bits memory size - 1560 bytes free space for your application, black (min. order qty 100) |

Adhesive Tags

- | | |
|----------|---|
| 926-0685 | 2060PKSMN iClass contactless smart tag, 2K/2 bits memory size - 104 bytes free space for your application, black (min. order qty 100) |
| 926-0686 | 2062PKSMN iClass contactless smart tag, 16K/16 bits memory size - 1560 bytes free space for your application, black (min. order qty 100) |

All credentials will be supplied to you programmed with your specific bit format, site code and number range. Please provide this information to ADI Gardiner with your purchase order. All credentials have sequential matching internal/external numbering. Delivery time for credentials is 5 - 7 days.

Be secure in knowing:

iClass meets industry standards. The ISO standards include:

- 15693 - read/write
- 14443A - read only (Mifare Serial Number)
- 14443B - read/write

Experience enhanced versatility:

- Use one reader to read standard proximity format data from iClass credentials or unique serial numbers from Mifare cards

Appreciate advanced security:

- All RF data transmission between the card and reader is encrypted using a secure algorithm
- Industry standard encryption techniques and advanced key management systems reduce the risk of compromised data or duplicated cards

If you wish iClass can do more than just open doors...

- Cashless Vending
- PC log-On
- Biometric storage
- Endless possibilities...

For more information about our products, please call +353 (0) 1450 1366

smart · powerful · trusted

125kHz Technology Proximity Readers

909-0405	6005BGB00 ProxPoint Plus, 5 - 16V dc, wiegand output, charcoal grey, 18" pigtail connection, Dimensions 7.96 cm x 4.3 cm x 1.68 cm, typical read range 1.2 cm tag - 7.6 cm card
909-0406	5365EGP00 MiniProx, 5 - 16V dc, wiegand output, charcoal grey, 18" pigtail connection, Dimensions 15.2 cm x 4.3 cm x 1.91 cm, typical read range 1.2 cm tag - 14.0 cm card
909-0100	5365EGT00 MiniProx, 5 - 16V dc, wiegand output, charcoal grey, terminal connection, Dimensions 15.2 cm x 4.3 cm x 1.91 cm, typical read range 1.2 cm tag - 14.0 cm card
909-0408	5395CG100 Thinline 11, 5 - 16V dc, wiegand output, charcoal grey, 18" pigtail connection, Dimensions 11.9 cm x 7.6 cm x 1.7 cm, typical read range 2.5 cm tag - 14.0 cm card
909-0409	5405AGL00 Prox80, 5 - 16V dc, wiegand output, charcoal grey, 3 metre long pigtail connection, Dimensions 8.0 cm x 8.0 cm x 2.0 cm, typical read range 2.0 cm tag - 14 cm card
909-0410	5355AGN00 ProxPro, 10 - 28.5V dc, wiegand output, charcoal grey, terminal connection, Dimensions 12.7 cm x 12.7 cm x 2.54 cm, typical read range 2.5 cm tag - 20.3 cm card
909-0411	5355AGK00 ProxPro with keypad, 10 - 28.5V dc, wiegand output, charcoal grey, terminal connection, Dimensions 12.7 cm x 12.7 cm x 2.54 cm, typical read range 2.5 cm tag - 20.3 cm card. PRESENT A CARD AND USE A PIN FOR DUAL VERIFICATION OF IDENTITY
909-0412	5375AGN00 MaxiProx (long range), 12 or 24V dc (configurable), wiegand output, charcoal grey, terminal connection, Dimensions 30.5 cm x 30.5 cm x 2.54 cm, typical read range 10.2 cm tag - 73.7 cm card

125kHz Technology Proximity Credentials

Cards

926-0687	1326LMSMV Proxcard 11, white clamshell type card (min. order qty 100)
926-0688	1336LGGMN DuoProx 11, graphics quality white PVC card with magnetic stripe on the rear of the card (min. order qty 100)
926-0689	1386LGGMN ISOProx 11, graphics quality white PVC card (min. order qty 100)

Keyfobs

926-0690	1346LSSMN Proxkey 11 fob, grey (min. order qty 100)
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Adhesive Tag

926-0691	1391LSSMN MicroProx peel-off-self adhesive back, grey (min. order qty 100)
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Active Vehicle Tag

926-0692	1351LBSMN ProxPass long range active vehicle tag, beige (min. order qty 10) (One Year Warranty only)
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All credentials will be supplied to you programmed with your specific bit format, site code and number range. Please provide this information to ADI Gardiner with your purchase order. All credentials have sequential matching internal/external numbering. Delivery time for credentials is 5 - 7 days.

EntryProx 125kHz Technology Proximity Readers

Provides single door proximity access control for small installations or remote locations, easily modified to become on-line reader by switching to wiegand output mode. Power requirement 10-15V dc. Dimensions 13.33 cm x 6.98 cm x 3.49 cm. This unit is not recommended for external use.

909-0413	4045BGNUO EntryProx stand-alone reader, charcoal grey
909-0414	4045BGKUO EntryProx stand-alone reader (includes 10 proxkey 11 fobs), charcoal grey
909-0415	4045BGCUO EntryProx stand-alone reader (includes 20 proxcard 11 cards), charcoal grey

EntryProx features...

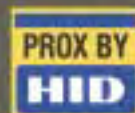
- Stores up to 2000 users and 1000 time stamped transactions
- Compatible with all HID cards, tags and keyfobs
- Detachable antenna module can be mounted up to 10 feet away from control unit, internal use only
- Batch enrolment capability for 26-bit format
- Features a 12 position keypad for PIN entry or programming
- Prints transactions via IR link to optional handheld printer
- Includes a "Press to Exit" push button

MaxiProx features...

- Long read range (up to 8' with proxpass active vehicle tag)
- Autotune allows read range to be maintained
- "Parking hold" feature allows connection to a loop detector to ensure accurate detection of vehicles in parking lanes
- Compatible with all HID cards, tags and keyfobs with formats up to 85 bits
- Two MaxiProx readers can operate one metre apart for "Hi-Lo" (truck and car) installations



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practical



Imagine an entry level access control system that will accommodate growth. Seamlessly.

NStar™ is a comprehensive, easy to install access control solution for small to medium size companies brought to you by Honeywell Security. Thanks to its powerful software options and Xport expansion technology, NStar can start with a two reader system and is scalable right up to 128 readers. With its range of advanced optional features such as video badging, alarm

reporting and integration capabilities with the Honeywell Rapid Eye DVR, NStar is the ideal solution for companies looking for a future proof access control system.

Honeywell

For more information, please call your local ADI-GARDINER branch or visit www.honeywell.com/security/uk

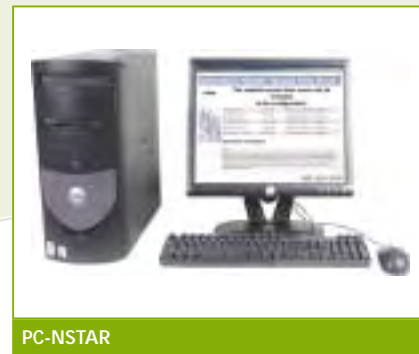
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NSSKRI-UK



NSEKRI-UK



PC-NSTAR

HONEYWELL NStar (1 Year Warranty)

Code

Trade

NStar Access Control System

The Honeywell Access Systems' NStar™ NS2 is a totally new access control system designed to provide a cost effective solution for entry level applications plus the ability to seamlessly expand and adapt to future growth needs. The NStar system is composed of the new NS2 control panel and NStar access control software. With the NStar NS2 you can start small and easily expand and upgrade your access control system as your needs change. The NStar NS2 controller is ideal for the needs of a small system application. It offers simplicity to satisfy basic application needs combined with state-of-the-art technology, processing power and speed not usually found in an entry-level product. NStar's totally new architecture includes unprecedented scalability allowing for easy system expansions or future technology updates via a unique Xport expansion port. Whether you need to add doors or system functions, the NS2 gives you a clear path to future growth. NStar software is a comprehensive access control application designed for use with the NS2 controller. NStar provides fast installation and setup with Quick Start Configuration Wizards and simple operation via user-defined control and viewing of system status and an event viewer for real-time observation of system activities. If you want to go beyond the basics, an option package that includes video badging, real-time alarm pop ups, digital video integration and networking is available to meet future needs.

NStar Kits

Note: All of the kits and panels below require a separate suitable PSU for any locking devices

NEW	911-0387	NSSKI-UK NStar Starter Kit (no readers) Inclusive of: 1x NStar Access Control Software, 1x NS2 2-reader control panel, 1x PSX220 230/16.5VAC & 11.5VAC Combo Transformer, 2x S-4 Suppressor kits, 1x N485-PCI-2-220 RS232/485 interface, 1x CBL50 - Serial communications cable (15Mts)
NEW	911-0388	NSSKRI-UK NStar Starter Kit, As above, includes 2x OmniProx proximity readers (OP10)
NEW	911-0385	NSEKI-UK NStar Expansion Kit (no readers) Inclusive of: 1x NS2 2-reader control panel, 1x PSX220 230/16.5VAC & 11.5VAC Combo Transformer & 2x S-4 Suppressor kits
NEW	911-0386	NSEKRI-UK NStar Expansion Kit, As above, includes 2x OmniProx proximity readers (OP10)

Hardware Upgrades

NEW	912-0305	NS2UPG1 Upgrade from NS2 to NS2+. Includes NS2+ Personality chip and 1x NS2MEM - Memory Expansion Module. (See Product code NS2MEM for details)
NEW	912-0304	NS2MEM NS2 Memory Expansion Module. The memory module is used to increase card holder capacity from 2,000 to 10,000 and event buffer from 10,000 to 100,000. NS2 must be running 1.03.09 firmware to recognize the memory expansion module
NEW	911-0407	NS2PEU NS2+ panel and enclosure, includes 1x PSX220 230/16.5VAC & 11.5VAC Combo Transformer
NEW	912-0306	NSLAN-1 Plug on Ethernet daughter board for direct TCP/IP communication (For use with NS2 only)
NEW	912-0301	LANSERIALTUK Networked serial communications interface for NS2, N1000 panels
NEW	925-0302	NSOPT1D Software Upgrade - Provides additional feature set (USB Dongle Key version)

Upgrade from NS2 to NS2+. Includes NS2+ Personality chip and 1x NS2MEM - Memory Expansion Module. Allows the NS2 to be used with WIN-PAK 2005 Access Control Software.

For suitable readers for NStar Systems, please refer to page 78

Power Supplies

Note: The power supply listed below is for suitable locking devices only. A PSX220 transformer is required for all of the above NStar panels..

922-0054	1381NS Elmdene 12V dc 1 Amp PSU, Single Indicator, will supply full current whilst charging the battery 200mm x 230mm x 80mm (HxWxD)
922-0055	1381N Elmdene 12V dc 1 Amp PSU, as above but with Multi-Indicator
922-0056	1382N Elmdene 12V dc 2 Amp PSU, as above

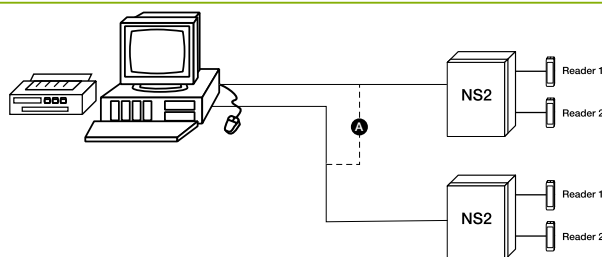
PC Builds

We recommend the use of the PC builds below. All PC's are Dell Optiplex business machines with a 17" flat screen monitor, CD/DVD rewriter & 3 years on site warranty from Dell directly. They also include a stylish keyboard and mouse. They come pre-configured with the access control software ready to go and all Microsoft Windows updates. Operating systems will be Windows XP Pro service pack 2 or better.

NEW	927-2231	PC-NSTAR NStar PC Build (PC-NSTAR-FSM) pre-configured with NStar software when purchased with NStar Starter Kit. Intel Pentium 4 Processor 2.2GHz, 40 Gb Sata Hard Drive, 512 MB SDRAM, CD-RW, Integrated Intel Gigabit Network card, Serial Port, Parallel Port, 6xUSB 2.0 Ports, RJ45 Ethernet port, 17" Flat Screen monitor, Keyboard, 2 Button PS/2 mouse, Microsoft Windows XP Professional, Inclusive of Dell 3 Year On-site service
NEW	927-2232	PC-NSTAR-BADGE NStar Stand-Alone/Mini Server Badging System. Pre-configured with NStar software when purchased with NStar Starter Kits. Includes: 1x Latest Spec PC-NSTAR - FSM (inclusive of Dell 3 year On-Site service), 1x NStar Software Upgrade (NSOPT1D - Provides Photo-ID & Badging Utility Tasks), 1x Magicard Alto cardprinter (PBVP - ALTO), 1x Digital camera, 4MB memory (PB-DIGI-CAM)

CABLE SPECIFICATION FOR NSTAR SYSTEMS

Maximum overall distance (RS-485 BUS) is 4000ft using either NC2441-TN or NCP2441-TN
 Maximum distance from controller to reader and wiegand style keypads (KP-11 or KP-13) is 500ft using either NC-1861-BL or NCP1861-BL
 Maximum distance from controller to matrix style keypads (KP-10 or KP-12) is 500ft using either NC-18121-YL or NCP18121-YL
 Maximum distance from controller to individual alarm/input points (exit buttons and door contacts) is 2000ft using either NC-2221-BR or NCP2221-BR
 Maximum distance from controller to dual alarm/input points (exit buttons and door contacts) is 2000ft using either NC1841-GY or NCP1841-GY
 Maximum distance from controller to output/power devices (electric locks, electronic door releases) is 2000ft using either NC1821-OR or NCP1821-OR



NSTAR SERIAL COMMUNICATION

▲ Part #CBL50 - RS-232 50' Serial Cable

Honeywell continued overleaf



versatile



The power of the Honeywell WIN-PAK™ access control system brings versatility to integration.

Integrate digital video, intruder alarm monitoring, photo-ID badging, elevator control, visitor management, IT networking, guard tour and more; all through a single, simple-to-use software interface. WIN-PAK offers the ability to scale up when needed. It's possible to turn your access control system into a full-featured integrated application that is still easy to program and use.

Whatever the size of your system, WIN-PAK grows with you. It's just that versatile.

Honeywell

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WIN-PAK 2005



WP2K5



PC-AC-INT02E

HONEYWELL WIN-PAK (1 Year Warranty) (continued)

Code

Trade

WIN-PAK Access Control System

WIN-PAK 2005

WIN-PAK™ 2005 is the latest version of the industry's most comprehensive access control software. WIN-PAK 2005 is focused on access control with digital video integration, providing greater flexibility to meet the needs of customer installations and applications. WIN-PAK 2005 offers enhanced usability through its Quick Start Wizards, Card Holder Management Support, Advanced Reporting Capabilities and updated 32-bit operating system. Honeywell understands that our customers want their multifaceted systems to work together while providing simplified programming and use.

WIN-PAK 2005 offers complete enhanced Digital Video Integration to Honeywell Rapid Eye and Fusion digital video recorders. Integration allows video to be tied to access control events and alarms. Video clips can be recalled through the software, based on times or events. With integration, users can have complete camera control, including pan, tilt and zoom, and verify live users with stored images using the Video Verification option.

Updated Quick Start Wizards make WIN-PAK 2005 easier than ever to install and program. Installers can use the Quick Start Wizards to install and program a system for the first time, while end-users can use the Wizards for adding new cards to the system. The Quick Start Wizard makes WIN-PAK 2005 truly simple to use.

WIN-PAK 2005 offers advanced reporting capabilities that customers are demanding. Users are allowed to create customised reports or choose from a variety of predefined reports. Email capability has been added to allow reports and events to be sent via email. Reports and events can be shown as easy-to-read text that provide all the content and detail that customers require.

WIN-PAK 2005 supports the new NS2+ control panel from Honeywell. The NS2+ is the ideal panel to use for all small to medium size installations. The NS2+ provides increased capabilities over the N-1000-III, including a fast 32-bit processor for improved speed. The NS2+ also has optional on-board Ethernet capabilities allowing it to be used on existing Ethernet wiring systems.

Flexible database architecture uses the Microsoft Data Engine (MSDE 2000). Supported operating systems are Microsoft Windows 2003 Server, Windows XP Professional Service Pack 2, Windows 2000 Professional or Windows 2000 Server.

WIN-PAK 2005 is only available for sale to approved Installers who have undergone training with Honeywell Access Systems. Please contact Technical Sales Support for details on the training courses and for availability of training dates.

WIN-PAK 2005 Access Control Software (32-bit application for Windows 2000/XP).

NEW	925-0310	WP2K5 WIN-PAK 2005 Software - Single user licence
NEW	925-0311	WP2KU5 WIN-PAK 2005 Software - 5 user licence
NEW	925-0303	UPGW2KU5 Upgrade from WIN-PAK 2005 Single user licence to WIN-PAK 2005 5 user licence
NEW	925-0304	UPGW2R5 Upgrade from WIN-PAK 2.0 Release 3 or 4 (Single user licence) to WP 2005 Single user licence
NEW	925-0305	UPGW2R5U5 Upgrade from WIN-PAK 2.0 Release 3 or 4 (5 user licence) to WP 2005 5 user licence

Note: WIN-PAK 2005 will be shipped as the replacement software for orders requesting WIN-PAK 2 Release 4

WIN-PAK 2005 System Builds

NEW	912-0314	PC-AC-202E WIN-PAK 2005 Stand-Alone/Mini Server System, configured for RS485. Includes : 1x Latest Spec PC-WPPSA/WP2SFSM (Inclusive of Dell 3 Years On-Site Service) 1x WIN-PAK 2005 Software 1x RS232-RS485 converter (N-485-PCI-2-220)
NEW	912-0315	PC-AC-223E WIN-PAK 2005 Stand-Alone/Mini Server Badging System. Includes: 1x Latest Spec PC-WPPSA/WP2SFSM (Inclusive of Dell 3 Years On-Site Service) 1x WIN-PAK 2005 Software 1x RS232-RS485 converter (N-485-PCI-2-220) 1x Magicard RIO card printer (PB-VP-8RIO) 1x Video capture card (PB-VC-16) 1x Camcorder to capture card adaptor (PB-BNC-FLASH) 1x Digital camcorder (PB-CAM-2) 1x Tripod (PB-TRI-POD)

Note: Stand Alone and File Servers are configured with 1 Server 1 Client Software, with Windows 2000/XP unless specified. (Custom builds are available). WIN-PAK 2005 will be shipped as the replacement software for orders requesting WIN-PAK 2 Release 4

Note: WIN-PAK PRO 2005 will be shipped as the replacement software for orders requesting WIN-PAK PRO Release 4

WIN-PAK PRO 2005 Access Control Software (32-bit application for Windows 2000/XP)

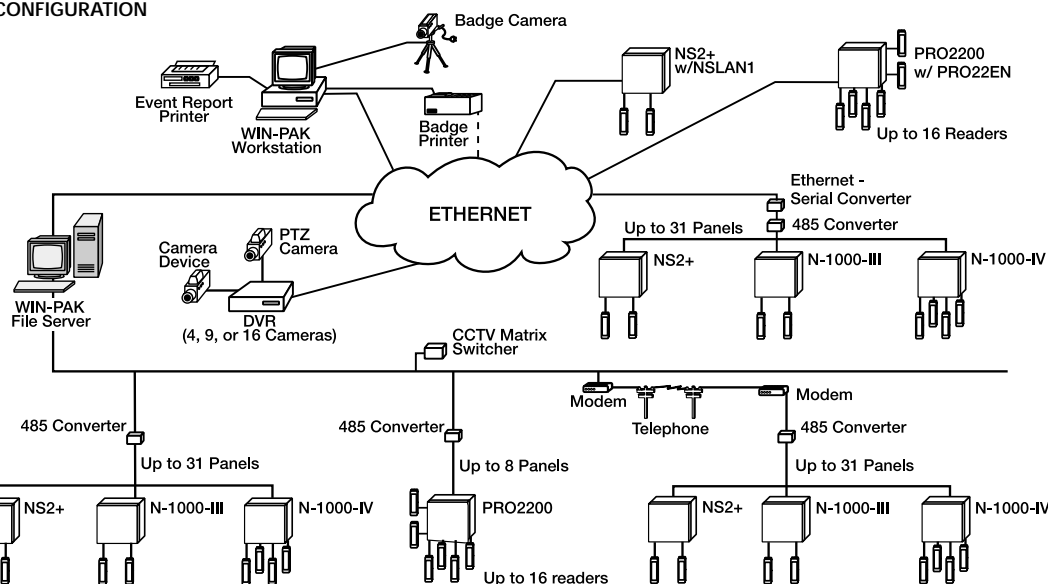
NEW	925-0312	WPP2K5 WIN-PAK PRO 2005 Software - Unlimited user licence
NEW	925-0308	UPGWPPR Upgrade from WIN-PAK PRO Release 3 or 4
NEW	925-0307	UPGW2-WPP2K5 Upgrade from WIN-PAK 2005 Single user licence
NEW	925-0306	UPGW2U5-WPP2K5 Upgrade from WIN-PAK 2005 5 user licence

Note: Stand Alone and File Servers are configured with WPP 2005 Unlimited User Licence and Windows 2000/XP & MSDE unless specified otherwise. (Custom builds are available) WIN-PAK PRO 2005 will be shipped as the replacement software for orders requesting WIN-PAK PRO Release 4

WIN-PAK PRO 2005 System Builds

NEW	912-0317	PC-AC-INT02E WIN-PAK PRO 2005 Stand-Alone/Mini Server System, configured for RS485. Includes: 1x Latest Spec PC-WPPSA/WP2SFSM (Inclusive of Dell 3 Years On-Site Service) 1x WIN-PAK PRO 2005 Software 1x RS232-RS485 converter (N-485-PCI-2-220)
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HONEYWELL (1 Year Warranty) (continued)

Code

Trade

Note: All the controllers below require a PSX220 Transformer (922-0213) and a separate suitable PSU for any locking devices

N-1000 Series Control Panels (For use with WIN-PAK 1.16, WIN-PAK 2, WIN-PAK 2005, WIN-PAK PRO 2005 & WIN-PAK PRO CS Software)

NEW	911-0381	N1000-III 2 reader controller with lockable enclosure and tamper switch. Includes 12V battery backup
NEW	911-0382	N1000-III-CB 2 reader controller (PCB only)
NEW	911-0383	N1000-III-X Expanded 2 reader controller with lockable enclosure and tamper switch. Includes 12V battery backup
NEW	911-0384	N1000-III-X-CB Expanded 2 reader (PCB only)
NEW	911-0389	N1000-IV 4 reader controller with lockable enclosure and tamper switch. Includes 12V battery backup
NEW	911-0390	N1000-IV-CB 4 reader controller (PCB only)
NEW	911-0391	N1000-IV-X Expanded 4 reader controller with lockable enclosure and tamper switch. Includes 12V battery backup
NEW	911-0392	N1000-IV-X-CB Expanded 4 reader controller (PCB only)



N1000-III

Note: All N-1000 series panels have 4 relay outputs and 16 inputs.

Control Panel Accessories (N-1000 & PW Series)

NEW	922-0213	PSX220 230VAC/16.5VAC & 11.5VAC Combo Transformer for use with N-1000-III/IV, PW-2000-III/IV Access control panels, and PRO22ENC3 & PRO22ENC4 access control panels
NEW	927-2234	S4 Suppressor kit. Provides protection against electrical spikes caused by collapsing electrical fields
NEW	927-2204	AEP-3 Expanded relay board. Provides 8 additional relay outputs to N-1000/PW-2000 panels
NEW	927-2205	ENC-0 Enclosure for the N-1000/PW2000 control panels. No battery, battery wire, lock, keys or tamper switch
NEW	927-2206	ENC-4 Enclosure for N-1000/PW2000. Includes: 8 volt battery set, battery wires, lock, keys and tamper switch
NEW	927-2208	LCK-1 Key and lock for ENC-0 enclosure
NEW	927-2418	BAT-1 8 Volt battery for N-1000-II. Replacement 8 volt operational battery backup for N-1000-II control panels
NEW	927-2419	BAT-2 3 Volt Lithium battery for N-1000-II/N-500
NEW	922-0209	BAT-3 12 Volt battery for N-1000/PW2000 series of control panels



N1000-III-CB

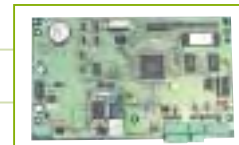
Power Supplies

Note: The power supply listed below is for suitable locking devices only. A PSX220 transformer is required for all of the above N-1000 Series panels.

922-0056	1382N Elmdene 12V dc 2 Amp PSU, as above
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PRO-2200 Control Panel Equipment & Ancillaries (For use with WIN-PAK 2005, WIN-PAK PRO, WIN-PAK PRO 2005 & WIN-PAK PRO CS Software)

NEW	912-0328	PRO22IC Intelligent control module - supports any combination of up to 8 I/O or reader boards to monitor alarm input points, relay output points and access control reader interface points
NEW	912-0333	PRO22R2 Dual reader module - interfaces with the Intelligent Control module (PRO22IC) providing I/O support for 2 readers
NEW	912-0332	PRO22R1 Single reader module - interfaces with the Intelligent Control module (PRO22IC) providing I/O support for one card reader
NEW	912-0329	PRO22IN PRO22IN provides 16 supervised inputs & 2 relay outputs. When mounted in a PRO22ENC3 one additional relay output and two dedicated alarm inputs for cabinet tamper and power fault detection are provided
NEW	912-0331	PRO22OUT PRO22OUT provides 12 general purpose output relays when mounted in PRO22ENC1/2 & 16 are available when using the PRO22ENC3
NEW	912-0323	PRO22EN Ethernet daughter board for TCP/IP communication (For PRO2200 use only)
NEW	912-0322	PRO22CVT1 RS232 to RS485 single port converter (requires 200mA 9V dc power supply, CVT1PSU)
NEW	922-0210	CVT1PSU Linear regulated, 3-pin 13A plug top, 9V dc 200mA power supply. (For use with PRO2200CVT1)
NEW	912-0330	PRO22M4 4MB memory expansion



PRO22IC

For more information about our products, please call +353 (0) 1450 1366

Enclosures for PRO2200 & PW-5000 Range of Controllers

NEW	912-0324	PRO22ENC1 Wall mount enclosure designed to hold up to eight modules (any combination of reader, input or output) & an Intelligent Controller. (Requires PRO22E1PS & PRO22BAT1)
NEW	912-0325	PRO22ENC2 Rack mount enclosure designed to hold up to eight modules (any combination of dual reader, input or output) & an Intelligent Controller (PW5K11C) (Requires PRO22E1PS & PRO22BAT1)
NEW	912-0326	PRO22ENC3 Wall mount enclosure designed to hold up to two modules, any combination of reader, input or output). Includes 2A power supply assembly and 4A battery. (Requires PSX220 Transformer)
NEW	912-0327	PRO22ENC4 Wall mount enclosure designed to hold a PRO22R1 or PW5K1R1 (single reader module). Includes 1.2A power supply assembly and 4A battery. (Requires PSX220 Transformer)
NEW	922-0212	PRO22E1PS 4A power supply assembly for PRO22ENC1 & PRO22ENC2
NEW	922-0211	PRO22BAT1 7A Battery back-up for PRO22E1PS
NEW	927-2233	PRO22DCC Daisy chain cable provides an RS-485 communication and power BUS between the nine modules

Communication Equipment & Ancillaries

NEW	912-0303	N485-PCI-2L-220 An RS-485 interface located between the LAN-SERIAL-T (912-0301) and N-1000/PW-2000/NS2 panels. Converts RS-485 to RS-232 with an adapter for direct connection to network converter. Complete with a 3' 25 pin female cable & PSX220 transformer
NEW	912-0302	N485-PCI-2-220 An RS-485 interface located between the computer and N-1000/PW-2000 panels. Converts RS-232 data from the PC into RS-485 data. Inclusive of PSX220 transformer. Complete with a 3' 9 pin female cable & PSX220 transformer
NEW	912-0360	N485-HUB-2-220 An RS-485 interface located between the dial-up modem and N-1000 panels. Converts RS-232 data from the modem into RS-485 data. Inclusive of PSX220 transformer
NEW	912-0375	N485-API-2 The N-485-API-2 is an RS-485 interface and converter that is mounted in the N-1000 control panel. It converts the 20mA current loop from the N-1000 to RS-485. All the units in the system must have the same version firmware
NEW	912-0311	NTEXPDI4 4 Com expansion board for WIN-PAK 2005 & WIN-PAK PRO 2005 only. (Requires output cables)
NEW	913-0313	NTEXPDI8 8 Com expansion board for WIN-PAK 2005 & WIN-PAK PRO 2005 only. (Requires output cables)
NEW	912-0308	NTEXPC9 RJ45 cable & 9 PIN shell assembly for use with NTEXPDI4/8 when using N-485PCI-2
NEW	912-0307	NTEXPC25 RJ45 cable & 9 PIN shell assembly for use with NTEXPDI4/8 when using C-100

Miscellaneous Badging System Hardware

NEW	927-2225	PB-CAM-2 Badging camcorder
NEW	927-2230	PB-VC-15 Video capture card for use with WIN-PAK. Allows composite video
NEW	927-2224	PB-BNC-FLASH BNC to Flash connector
NEW	927-2227	PB-DIGI-CAM Digital camera. 4M bytes memory
NEW	927-2226	PB-CAM-3 CCD USB Twain compatible camera. Res. 640x480 (WIN 98/2000/XP WIN-PAK 2 & PRO only)
NEW	927-2228	PBSIGCAPLCD Signature capture pad. Signature capture pad for use with WIN-PAK. Uses a 9 pin communications port. Any of the WIN-EXP-xx ports may be used
NEW	927-2229	PB-TRI-POD Camera tripod



N485-PCI-2L-220

CABLE SPECIFICATION FOR WIN-PAK 2005 SYSTEMS

Maximum overall distance (RS-485 BUS) is 4000ft using either NC2441-TN OR NCP2441-TN
Maximum distance from controller to reader and wiegand style keypads (KP-11 or KP-13) is 500ft using either NC-1861-BL or NCP1861-BL
Maximum distance from controller to matrix style keypads (KP-10 or KP-12) is 500ft using either NC-18121-YL or NCP18121-YL
Maximum distance from controller to individual alarm/input points (Exit buttons and Door Contacts) is 2000ft using either NC-2221-BR or NCP2221-BR
Maximum distance from controller to dual alarm/input points (Exit buttons and Door Contacts) is 2000ft using either NC1841-GY or NCP1841-GY
Maximum distance from controller to output/power devices (Electric locks, Electronic door releases) is 2000ft using either NC1821-OR or NCP1821-OR

CABLE

System Cable. Note: All cables below are provided in drums of 305 metres (1000')

NEW	927-2214	NC2021-GY-A RS-485 Panel Communications Cable. 2 Conductors twisted, 24AWG stranded copper wire with overall alum/mylar foil shield. Colour - Grey
NEW	927-2216	NC2441-TN RS-485 Panel Communications Cable. 4 Conductors twisted, 24AWG stranded copper wire with overall alum/mylar foil shield. Colour - Tan
NEW	927-2213	NC1861-BL Readers and Wiegand style keypads cable (KP-11 or KP-13). 6 Conductors 18AWG stranded copper wire with overall alum/Mylar foil shield. Colour - Blue
NEW	927-2215	NC2221-BR Alarm/Input Cable. 2 Conductors 22AWG stranded copper wire with overall alum/mylar foil shield. Colour - Brown
NEW	927-2211	NC1821-OR Output/Power Cable. 2 Conductor, 18AWG stranded copper wire with overall alum/Mylar foil shield. Colour - Orange
NEW	927-2209	NC18121-YL Keypad Cable. 12 Conductors 18AWG stranded copper wire with overall alum/Mylar foil shield. Used for KP-10 or KP-12 keypads. Colour - Yellow
NEW	927-2212	NC1841-GY 4 Conductor cable, 18AWG stranded copper wire with overall alum/mylar foil shield. 305m (1,000') Colour - Grey
NEW	927-2210	NC1821-GR 20mA Communications Cable. 2 Conductors 18AWG stranded copper wire with overall alum/mylar foil shield. Colour - Green

On Site Service

NEW	927-2235	SRV-ESG On site system configuration/training - rate per day. Travel expenses are chargeable (Not Discountable)
NEW	927-2236	SRV-PCCI In house PC/software configuration - rate per hour. (Not Discountable)

Fusion DVRs

The Fusion DVR Series by Honeywell offers the latest in digital technology. Models range from an eight-channel unit, 120 GB HDD to a thirty-two-channel unit with 2 terabyte of storage. Users can customise recording schedules based on their security and surveillance needs. In addition, Fusion's advanced search and motion-based object search provide users the ability to access critical information in seconds. Users also have the ability to view images via wireless LAN and Internet by using compatible PDA products. Fusion is compatible with CYA-Retail Security Software by Honeywell and also interfaces with ATM machines. In addition, Fusion can be used in conjunction with ANPR and Intelligent Scene Analysis software.

Key Features

- 8-32 channel units
- Capture & live viewing rates up to 400 IPS
- Remote Notification
- Display Maps of Facilities
- Powerful search capabilities - Smart, Preview and Index Search
- Up to 2 TB of onboard storage
- Up to 16 channels of audio
- Remote access through PSTN, LAN/WAN DSL and ISDN
- Remote Health checks
- Can interface with POS, ATMs, ANPR, Intelligent Scene Analysis

NEW	927-2531	HF0820R250N 8CH 200 PPS Fusion III With Real Time Live Display, 250GB
NEW	927-2532	HF1620R250N 16CH 200 PPS Fusion III With Real Time Live Display, 250GB
NEW	927-2535	HF3220R500N 32CH 200 PPS Fusion III With Real Time Live Display, 500GB





HONEYWELL (1 Year Warranty) (continued)

PR-OMNI-10HONE



PR-OMNI-30HONE



PR-OMNI-45HONE



PR-OP90HONE

Readers (For use with NStar and WIN-PAK Systems)

Magnetic Stripe Readers

- NEW** 907-0068 **NR-5** Compact magnetic stripe reader - Black
- NEW** 907-0069 **NR-MR-C** Compact magnetic stripe reader - Chrome

Readers

OmniProx Readers (Compatible with HID Cards)

- NEW** 909-0451 **PR-OMNI-10GENE** OP10 Proximity Mullion Reader. Typical read range 2-3". Optical tamper, host LED and internal buzzer, c/w 3 bezels - Black, Charcoal Grey & Ivory. No logo
- NEW** 909-0452 **PR-OMNI-10HONE** OP10 Proximity Mullion Reader. Typical read range 2-3". Optical tamper, host LED and internal buzzer, c/w 3 bezels - Black, Charcoal Grey & Ivory. Honeywell logo
- NEW** 909-0453 **PR-OMNI-30GENE** OP30 Proximity Mullion Reader. Typical read range 4". Optical tamper, host LED and internal buzzer, c/w 3 bezels - Black, Charcoal Grey & Ivory. No logo
- NEW** 909-0454 **PR-OMNI-30HONE** OP30 Proximity Mullion Reader. Typical read range 4". Optical tamper, host LED and internal buzzer, c/w 3 bezels - Black, Charcoal Grey & Ivory. Honeywell logo
- NEW** 909-0455 **PR-OMNI-45GENE** OP45 Proximity Reader. Fits UK single-gang electrical box. Typical read range 3.5". Optical tamper, host LED and internal buzzer, c/w 3 bezels - Black, Charcoal Grey & Ivory. No logo
- NEW** 909-0456 **PR-OMNI-45HONE** OP45 Proximity Reader. Fits UK single-gang electrical box. Typical read range 3.5". Optical tamper, host LED and internal buzzer, c/w 3 bezels - Black, Charcoal Grey & Ivory. Honeywell logo
- NEW** 909-0461 **PR-OP90HONE** OP90 Vandal Resistant Stainless Steel Proximity Reader. Typical read range 2". Optical tamper, host LED and internal buzzer. HID Card Compatible. Honeywell logo

Note: Omni-Prox readers come with a 55cm pigtail lead.

ProxPro Readers

- NEW** 909-0463 **PR-PROXPRO-K2** ProxPro reader with 4x3 matrix keypad. Pigtail Connection. For use with Honeywell N-1000 & PW2000 Controllers, (NOT for use with NS2 PRO2200 & PW5000 controllers). Read range up to 8". Power: 12V dc. Requires reader data cable & 12 cores for keypad
- NEW** 909-0462 **PR-PROXPRO-K** ProxPro reader with 4x3 matrix keypad. Terminal strip connection. For use with Honeywell NS2, PRO2200 & PW5000 controllers (NOT for use with N-1000 & PW-2000 Controllers). Read range up to 8". Power: 12V dc.
- NEW** 926-0766 **PVC-H-4-xxx** Iso[™] Prox II PVC (35 Bit Corporate 1000). Printable with external number. Specify Corporate format when ordering

Smart Readers

Honeywell Access Systems' latest series of affordable contactless smart card readers continue to be optimised for access control applications. OmniClass[™] readers, which build upon the convenience and reliability of proximity technology, add many valuable features including enhanced 64-bit security encryption options, ability to read almost any ISO contactless smart card, multi-application support and more.

OmniClass Readers - 13.56Mhz

- NEW** 909-0457 **PR-OM-R10-BK** Read only contactless Smart card reader, wiegand output, mullion style. Combines read range associated with proximity and 64.25 security/versatility of smart card technology. Black bezel, 18" pigtail wire connection. Read range up to 3". Power: 10-16V dc. Also reads Mifare[™] card serial number
- NEW** 909-0458 **PR-OM-R30-BK** Read only contactless Smart card reader, wiegand output. Fits UK electrical back box. Combines read range associated with 13.25 proximity and security/versatility of smart card technology. Black bezel, 18" pigtail wire connection. Read range up to 3". Power: 10-16V dc. Also reads Mifare[™] card serial number
- NEW** 909-0459 **PR-OM-RK40-BK** Read only contactless Smart card reader, wiegand output with keypad. Fits US electrical back box. Combines read range associated with proximity and security/versatility of smart card technology. Black bezel, 18" pigtail or wire terminal connection. Read range up to 8". Power: 12V dc. Date is outputted over the same shared wiegand comms line for both keypad and reader
- NEW** 925-0360 **AIRIDENHU** AIR ID Enrolment iCLASS reader. Reads the card number and site code for standard 26-bit and Honeywell 34-bit formats and to pass that 297.75 information on to the computer for use in software via the keyboard inputs on the PC. This reader functions as a keyboard
- NEW** 909-0528 **PR-RWKL575** BioCLASS RWKL575 read/write contactless Smart card reader with keypad, LCD display, and fingerprint biometric verification
- NEW** 909-0527 **PR-CP575A** CP575A Enrollment reader for use with the BioCLASS RWKL575 read/write contactless Smart card reader

Keypads

- NEW** 905-0057 **KP-10** Piezo Keypad 11 wire matrix for use with Honeywell N-1000 & PW2000 control panels. Brushed Stainless Steel, piezo electric with audio and visual feedback, 12-wire hook-up. Internal or external use
- NEW** 905-0058 **KP-11** Piezo Keypad 5 wire Wiegand (32 Bit) Brushed Stainless Steel, piezo electric with audio and visual feedback, 32 bit Wiegand style output. Internal or external use. Not to be used in card and PIN configurations.
- NEW** 927-2207 **KP-BAK-BOX-34S** Wedge shaped back box for KP10/KP11
- NEW** 905-0060 **KP-12** 2x6 Mullion Keypad 11 wire matrix for use with Honeywell N-1000 & PW2000 control panels. The keypad area uses a Stainless Steel overlay. Internal or external use
- NEW** 905-0061 **KP-12-BRS** KP-12 with Brass Face Plate
- NEW** 905-0063 **KP-13** 2x6 Mullion Keypad 5 wire Wiegand (32 bit). The keypad area uses a Stainless Steel overlay. Internal or external use. Not to be used in card and PIN configurations.
- NEW** 905-0065 **KP-13-BRS** KP-13 with Brass Face Plate
- NEW** 905-0066 **KP-13-ILL** KP-13 with Illuminated Face Plate

For more information about our products, please call +353 (0) 1450 1366



PR-OM-R10-BK



PR-OM-R30-BK



PR-OM-RK40-BK

HONEYWELL (1 Year Warranty) (continued)

Code

Trade

Cards (For use with NStar and WIN-PAK Systems)

Magnetic Stripe Cards

	926-0723	NC-2 Mag Stripe Card (32 Bit). Encoded on high-energy magnetic stripe for long life. Hot stamped number - Northern logo
	926-0724	NC-2-SPEC Mag Stripe Card (32 Bit). As above but Site code and card number ranges are specific
	926-0726	PVC-M-1 Mag Stripe PVC Card (32 Bit). 2 track high coercivity, Magnetic stripe encoded PVC card. Allows printing directly onto both sides of the card. Hot stamped number
	926-0727	PVC-M-1-SPEC Mag Stripe Card (32 Bit). As above but Site code and card number ranges are specific
	926-0728	PVC-M-UNENC Unencoded Mag Stripe PVC Card. Allows printing directly onto both sides of the card. (Please note these cards are only supplied in quantities of 100)

Magnetic Stripe Cards have a minimum order quantity of 50 with the following exceptions. Specific (SPEC) card orders have a minimum order quantity of 100. PVC Cards are supplied in multiples of 50.) These products may have long lead times. Please check prior to ordering.

OmniProx Cards (compatible with OmniProx and ProxPro readers)

	926-0755	PX-4-H Proxcard II (34 bit wiegand) with slot for badge clips. Non-printable with external hot-stamped number. Honeywell logo
	926-0756	PX-4-H-SPEC As above but specific site code and number range
	926-0757	PX-4-H-PW-SPEC As above but Plain White
	926-0795	PVC-H-4 IsoProx II PVC (34 Bit). Printable with external number
	926-0769	PVC-H-4-SPEC IsoProx II PVC (34 Bit). Printable with external number. Site code & number range specific
	926-0763	PVC-H-4-26 IsoProx II PVC (26 Bit). Printable with external number
	926-0762	PVC-H-4-26-SPEC IsoProx II PVC (26 Bit). Printable with external number. Site code & number range specific
	926-0766	PVC-H-4-xxx IsoProx II PVC (35 Bit Corporate 1000). Printable with external number. Specify Corporate format when ordering

OmniClass Devices

Note: All the devices below have the Honeywell Logo, are supplied in multiples of 50 and are subject to a minimum order of 100 units. Other formats are available. Contact Technical Sales Support for further information.

OmniClass Cards (Card Number Printed on card)

	926-0735	PVC-O-2K2 Contactless PVC OmniClass Smart card. 2K bits with 2 application areas, (34 bit format)
	926-0737	PVC-O-2K2-SPEC Contactless PVC OmniClass Smart card. 2K bits with 2 application areas, (34 bit format). Site code & number range specific
	926-0732	PVC-O-16K2 Contactless PVC OmniClass Smart card. 16K bits with 2 application areas, (34 bit format)
	926-0734	PVC-O-16K2-SPEC Contactless PVC OmniClass Smart card. 16K bits with 2 application areas, (34 bit format). Site code & number range specific
	926-0729	PVC-O-16K16 Contactless PVC OmniClass Smart card. 16K bits with 16 application areas, (34 bit format)
	926-0731	PVC-O-16K16-SPEC Contactless PVC OmniClass Smart card. 16K bits with 16 application areas, (34 bit format). Site code & number range specific

Combined PVC ISOProx II & OmniClass Cards (Card Number Printed on card)

	926-0740	PVCO4-2K2 Combined PVC ISOProx II & contactless OmniClass smart card. 2K bits with 2 application areas. (34 bit format).
	926-0739	PVCO4-16K2 Combined PVC ISOProx II & contactless OmniClass smart card. 16K bits with 2 application areas. (34 bit format).
	926-0738	PVCO4-16K16 Combined PVC ISOProx II & contactless OmniClass smart card. 16K bits with 16 application areas. (34 bit format)

Combined PVC OmniClass with Unencoded Magstripe (Card Number Printed on card)

	926-0736	PVC-O-2K2-M Combined PVC OmniClass smart card with unencoded magstripe. 2K bits with 2 application areas (34 Bit)
	926-0733	PVC-O-16K2-M Combined PVC OmniClass smart card with unencoded magstripe. 16K bits with 2 application areas (34 Bit)
	926-0730	PVC-O-16K16-M Combined PVC OmniClass smart card with unencoded magstripe. 16K bits with 16 application areas (34 Bit)

Combined PVC ISOProx II & OmniClass card with Unencoded Magstripe (Card Number Printed on card)

	926-0743	PVCO534-2K2 Combined PVC ISOProx II & OmniClass card with unencoded Magstripe. 2K bits with 2 application areas, (34 bit format)
	926-0742	PVCO534-16K2 Combined PVC ISOProx II & OmniClass card with unencoded Magstripe. 16K bits with 2 application areas, (34 bit format)
	926-0741	PVCO534-16K16 Combined PVC ISOProx II & OmniClass card with unencoded Magstripe. 16K bits with 16 application areas, (34 bit format)

OmniClass Keyfobs

	926-0746	PX-O-KEY-2K2 OmniClass keyfob. 2K bits with 2 application areas, (34 bit format)
	926-0745	PX-O-KEY-16K2 OmniClass keyfob. 16K bits with 2 application areas, (34 bit format)
	926-0744	PX-O-KEY-16K16 OmniClass keyfob. 16K bits with 16 application areas, (34 bit format)

OmniClass Micro Tags

	926-0749	PX-O-TAG-2K2 OmniClass Micro Tag. 2K bits with 2 application areas (34 bit format)
	926-0748	PX-O-TAG-16K2 OmniClass Micro Tag. 16K bits with 2 application areas (34 bit format)
	926-0747	PX-O-TAG-16K16 OmniClass Micro Tag. 16K bits with 16 application areas (34 bit format)





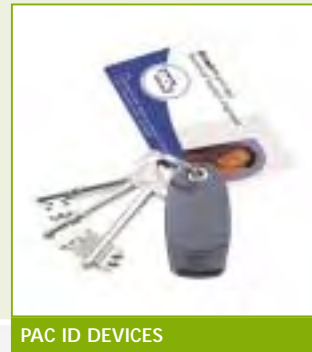
EASIKEY CONTROLLER



EASIKEY 1000 CONTROLLER



KEYPAC SOLO



PAC ID DEVICES

PAC INTERNATIONAL (5 Year Warranty)

Code

Trade

Easikey Controllers (1 - 2 door stand alone controller)

Easikey is a simple and easy to use access control system that can control access through one or two doors (two readers) using Oneprox proximity readers. The system can hold up to 99 PAC keys (99 users). Access can be restricted through one or both doors if required.

- 911-0001 **20370** Easikey two door controller, unboxed, 99 users
 911-0031 **21277** Boxed Easikey (pre-wired controller in a metal case WITH cut-out/3.0 Amp PSU)
 911-0002 **21275** Boxed Easikey (pre-wired controller in a metal case WITHOUT cut-out/3.0 Amp PSU)

Easikey

- Controls one or two doors
- 99 or 198 users
- Choice of proximity readers
- 3 Amp PSU
- Switch feature
- Simple to use
- Pre-wired in metal case
- Five year guarantee on control equipment
- Lifetime guarantee on PAC proximity cards, keys and readers

Easikey 1000 Controllers (1 - 2 door stand alone controller)

The system can hold up to 1000 PAC keys. Access can be restricted through one or both doors if required. The Easikey 1000 has eight time profiles and comes with a printer option.

- 911-0045 **21446** Easikey 1000 controller, unboxed (inc Alarm Monitoring)
 911-0026 **21453** Boxed Easikey 1000 (pre-wired controller in a metal case WITH cut-out/1.5 Amp PSU)
 911-0006 **21452** Boxed Easikey 1000 (pre-wired controller in a metal case WITH cut-out/3.0 Amp PSU)
 911-0076 **21450** Boxed Easikey 1000 (pre-wired controller in a metal case WITHOUT cut-out/1.5 Amp PSU)
 911-0023 **21448** Boxed Easikey 1000 (pre-wired controller in a metal case WITHOUT cut-out/3.0 Amp PSU)

Easikey 1000

- Controls one or two doors
- Up to 1,000 users
- Proximity, weigand, mag swipe, AVR and PIN support
- Printer facility
- Eight time profiles
- Pre-wired in metal case
- Easy to install
- Choice of 1.5 or 3 AMP PSU
- Alarm relays and door monitoring
- Five year guarantee on PAC equipment
- Lifetime guarantee on PAC proximity cards, keys and readers

PAC ID Devices (Life Time Warranty)

- 926-0002 **21020** Token (with PAC logo clip) - Electronic proximity key (life time warranty)
 926-0421 **20204** Token (without clip) - Electronic proximity key (life time warranty)
 926-0063 **21039** Proximity ISO card (pack of 10, flatter & thinner, recommended for printing purposes)
 926-0084 **21041** Proximity ISO card with magstripe - not encoded (pack of 10)
 926-0082 **40033** Mag swipe hi-co cards - coded

Maximum distance for Easikey/Easikey 1000 controller to reader is 100m using 017-0022 cable

KeyPAC SOLO (stand alone proximity reader/controller)

KeyPAC Solo comes with 2 programming cards, 10 ID devices in a special wallet which also includes a shadow delete card for every user card/token. Adding and deleting cards is done by presenting a programming card to the reader. Dual L.E.D.'s and a built-in sounder give feedback during editing and normal usage.

- 904-0015 **21325** KeyPAC SOLO STANDARD BLACK reader/controller up to 2000 users, includes 10 CARDS & 2 master cards (200mm read range)
 904-0016 **21327** KeyPAC as above in WHITE
 904-0017 **21326** KeyPAC SOLO STANDARD BLACK reader/controller up to 2000 users, includes 10 TOKENS & 2 master cards (200mm read range)
 904-0018 **21328** KeyPAC as above in WHITE
 904-0019 **21581** KeyPAC SOLO UNIVERSAL BLACK reader/controller up to 2000 users, includes 10 TOKENS & 2 master cards (200mm read range)
 904-0020 **21582** KeyPAC as above in WHITE
 904-0021 **21583** KeyPAC SOLO UNIVERSAL BLACK reader/controller up to 2000 users, includes 10 CARDS & 2 master cards (200mm read range)
 904-0022 **21584** KeyPAC as above in WHITE
 904-0023 **21585** KeyPAC SOLO VANDAL RESISTANT reader/controller, up to 2000 users, complete with 10 TOKENS & 2 master cards (200mm read range)
 904-0024 **21586** KeyPAC SOLO as above with 10 CARDS & 2 master cards

KeyPac Solo

- Up to 2,000 users
- 200mm reading range
- Tamper protected
- Door monitoring
- Easy to install
- Simple to use
- Proximity technology
- Five year guarantee

The read range quoted is at optimum performance. All of the above KeyPAC SOLO products require a 12V dc 1 Amp PSU

KeyPAC ID Devices (Life Time Warranty)

- 926-0354 **20019** KeyPAC Wallet complete with 10 proximity TOKENS & 10 shadow cards
 926-0355 **20018** KeyPAC Wallet complete with 10 proximity CARDS & 10 shadow cards
 926-0081 **21030/5** KeyPAC master card set (1 master card) (for KeyPAC SOLO)

For more information about our products, please call +353 (0) 1450 1366



Trade

925-0220	21770 EasiNet Residential software (c/w 100 doors, 50 dial-up channels, 50 direct channels, PC admin kit)
925-0235	21784 EasiNet Residential software (c/w 100 doors, 50 dial-up channels, 50 direct channels, PAC 202 line driver)
925-0236	13969 Extra 10 door pack
925-0237	13970 Extra 50 door pack
925-0238	13967 Extra 10 dial-up channels
925-0239	13968 Extra 50 dial-up channels
925-0240	21783 Additional client (c/w PC admin kit)

912-0256	21068	PAC 500 Series controller GSM modem kit (c/w GSM modem, low profile GSM aerial, PAC 512 serial cable)
925-0241	21069	PAC 500 Series controller GSM modem kit & SIM card (c/w GSM modem, low profile GSM aerial, PAC 512 serial cable & SIM card for Vodafone network)
912-0257	40080	PAC 500 Series controller GSM modem power supply
927-1138	914	External 56K PSTN modem

911-0280	20055 PAC 512 Access Controller - DIN mount
911-0353	21057 PAC 512 boxed (Sarel cabinet) with 3 Amp PSU
911-0347	21058 PAC 512 boxed (Sarel cabinet) with 3 Amp PSU, GSM modem, PAC 512 serial cable, low profile GSM aerial & Vodafone SIM card
911-0333	21059 PAC 512 boxed (Sarel cabinet) with 3 Amp PSU, GSM modem, PAC 512 serial cable & low profile GSM aerial (no SIM card)

927-0804	21408	PAC Easikey and Easikey 1000 upload kit
927-1897	40203	Low profile GSM aerial (fitted onto case and is more tamper proof)
928-0744	40079	GSM standard modem aerial (mag mounted)
927-1898	40085	GSM high gain modem aerial (for bad signal areas)
015-0008	0150008	Battery, 12V 1.2 Amp rechargeable sealed lead acid

926-0304	20092 Proximity cards - (Clam shell) (1 year warranty)
926-0076	20250 Tokens - black electronic proximity key
926-0075	21018 Proximity cards - white PVC plastic in credit card profile (supplied in packs of 10)
926-0074	21019 Proximity card with mag swipe - not encoded (supplied in packs of 10)



PAC SecureNet

Providing scalable solutions for today's access control needs

The PAC® SecureNet™ Oneplatform software is designed for use with the powerful new PAC 500 series of controllers, as well as interfacing with our legacy PAC 2100/2200 controllers. It is an advanced and simple to administer solution designed to provide optimum performance for today and in the future.

Key Features

- 75,000 keyholders/cardholders
- Supports up to 1,000 doors
- Supports SQL 2000/MSDE databases
- Microsoft .NET architecture
- Individual door access times (DDA requirement)
- Evacuation and muster reports
- Audit Trail
- Multi-language support
- Operates under Microsoft Windows 2000/XP-based software
- Graphical map support
- Event-to-action
- Area Manager
- User programmable Crystal™ reports
- Legacy support - PAC 2100/2200



PAC 500 - Access and Alarm Server



PAC 512/512IP - Access Controller



PAC 520 - Input Controller



PAC 530 - Output Controller

STANLEY
Security Solutions

PAC

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POLICE PREFERRED
SPECIFICATION



For more information about our products, please call +353 (0) 1450 1366

PAC INTERNATIONAL (5 Year Warranty) (continued)

Code

Trade

PAC SecureNet Software

986-0002	21767 PAC SecureNet - PC administration software. Licences included: 20 doors, 1,000 keyholders, 10 operators, 20 access groups, 20 time profiles, 1 client PC, 2 dial-up sites and ID badge designer
NEW 925-0316	13400 PAC SecureNet SE - PC administration software. Licences included: 100 doors, 10,000 keyholders, 10 operators, 2,000 access groups, 100 time profiles, 2 client PC with alarm management and event archiving, 2 dial-up sites, ID badge designer, audit trail, CCTV integration (Axis IP camera's), door mode profiles, reader mode profiles, PAC 500, 512, 520 & 530 support
NEW 925-0317	13401 PAC SecureNet Pro - PC administration software. Licences included: 1000 doors, 75,000 keyholders, 50 operators, 5,000 access groups, 200 time profiles, 5 client PC with alarm management and event archiving, 10 dial-up sites, ID badge designer, audit trail, CCTV integration (Axis IP camera's), door mode profiles, reader mode profiles, area management, DVR integration (Intivid), lift control, event to action, muster, PAC 500, 512, 520 & 530 support

PAC SecureNet Software Upgrades

925-0211	13086 SecureNet 5000 Keyholder Upgrade
925-0232	13114 SecureNet 10 operator Upgrade
925-0205	13109 SecureNet 10 door Upgrade
925-0204	13095 SecureNet 50 door Upgrade
925-0177	13091 SecureNet Concurrent PC Upgrade
925-0179	13090 SecureNet Alarm Workstation Upgrade
925-0206	13115 SecureNet Alarm Manager
986-0005	13116 SecureNet Area Management
925-0233	13117 SecureNet DVR Integration
986-0004	13119 SecureNet Lift/Elevator Control
NEW 925-0318	13402 SecureNet 500 Access Group Upgrade
NEW 925-0319	13403 SecureNet 10 x 500 Channel Upgrade
NEW 925-0320	13404 SecureNet 10 x 2100/2200 Series Controller Upgrade
NEW 925-0321	13971 SecureNet 10 Dialup Channel Upgrade
NEW 925-0322	13972 SecureNet 50 Dialup Channel Upgrade
NEW 925-0323	13405 SecureNet Remote Communications Server
NEW 925-0324	13407 SecureNet Audit Trail
NEW 925-0325	13408 SecureNet Badge Designer
NEW 925-0326	13409 SecureNet CCTV IP Cameras
NEW 925-0327	13410 SecureNet Event to Action
NEW 925-0328	13412 SecureNet Mustering & Evacuation
NEW 925-0331	13413 SecureNet 1 Organisation Unit

Access and Alarm Server

925-0178	20233 PAC 500 Access and Alarm Server - DIN Mount
911-0330	21056 PAC 500 Access and Alarm Server - boxed with PSU 1,014.00

Controllers

911-0281	20054 PAC 512 Access Controller - boxed with 3 Amp PSU
911-0280	20055 PAC 512 Access Controller - DIN mount
NEW 911-0395	20154 PAC 512 IP Access Controller - boxed with 3 Amp PSU
NEW 911-0408	20155 PAC 512 IP Access Controller - DIN mount
912-0264	20051 PAC 520 Input Controller - boxed
912-0228	20053 PAC 520 Input Controller - DIN mount
912-0265	20050 PAC 530 Output Controller - boxed
912-0229	20052 PAC 530 Output Controller - DIN mount

PAC SecureNet Hardware

912-0119	21533 SecureNet Oneprox Office Admin Kit - Serial Port
912-0120	21534 PAC SecureNet PC interface kit (with Wiegand interface) - Serial Port
928-0574	21543 PAC SecureNet PC interface kit (without reader for use with PAC Smart Reader) - Serial Port
NEW 909-0477	20762 Oneprox Desk Top Reader (Reader only - No PC Interface Kit) - USB PC Connection
NEW 912-0336	20763 Oneprox Office Admin Kit - USB PC Connection

Enclosures

927-1150	10031 Four-way lockable DIN rail enclosure
927-1149	10032 Six-way lockable DIN rail enclosure

Power Supplies

922-0167	20008 DIN rail power supply - Input 100-240V AC at 47-63Hz, Output 12/24V dc at up to 7.5 Amps
925-0208	20059 DIN rail power supply with battery charging - input 100-240V AC at 47-63Hz, Output 12V dc at up to 3 Amps

TECHNICAL SALES SUPPORT Tel: 01706 510556 Fax: 01706 713555



Oneprox Readers

NEW	909-0473	20073 Oneprox Mullion (Grey)
NEW	909-0470	20049 Oneprox DDA Panel Mount Reader (Blue & Grey)
NEW	909-0471	20042 Oneprox DDA Panel Mount Reader (Yellow & Black)
NEW	909-0488	20424 Oneprox DDA Vandal Reader (Silver)

KeyPAC ID Devices (Lifetime Warranty)

926-0304	20092 Proximity cards - (Clam shell) (1 year warranty)
926-0076	20250 Tokens - black electronic proximity key
926-0075	21018 Proximity cards - white PVC plastic in credit card profile (supplied in packs of 10)
926-0074	21019 Proximity card with mag swipe - not encoded (supplied in packs of 10)

ID accessories are available in the Payne Security section of this product guide on pages 100 & 101

PAC Smart Readers

909-0385	40192 PAC Smart standard reader
909-0386	40193 PAC Smart standard reader backbox
909-0387	40194 PAC Smart mullion reader
909-0388	40195 PAC Smart mullion reader backbox

PAC Smart Card

926-0499	40090 Smart card
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2200 Series Controllers (replaces 2100 series controllers)

The 2200 controllers are supplied WITHOUT a front programming panel or metal case

NEW	911-0147	21290 Multi function 2284 - 8 door controller with support for up to 4 Alarm Event Managers (32 alarm inputs)
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Note: the 2284 is the ONLY controller supplied with its own metal case.

NEW	911-0072	21284 Multi function 2244 - 4 door controller with support for up to 4 Alarm Event Managers (32 alarm inputs)
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NEW	911-0071	21288 Multi function 2224 - 2 door controller with support for up to 4 Alarm Event Managers (32 alarm inputs)
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NEW	911-0070	21287 Multi function 2222 - 2 door controller with support for up to 2 Alarm Event Managers (16 alarm inputs)
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NEW	912-0016	21283 Alarm controller 2204 - complete with 2 Alarm Event Managers (16 alarm inputs - expandable to 32 inputs, 24 outputs - expandable to 40 outputs) supplied in a metal case
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Front Programming Panel

NEW	912-0015	21397 Front programming panel for 2200 series controllers - with KeyPAC reader
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Metal Cases

NEW	912-0010	10260 Metal case - cut out in front panel, for use when the controller has a front programming panel
NEW	912-0011	10275 Metal case - No cut out in front panel, for use when the controller does not require a front programming panel

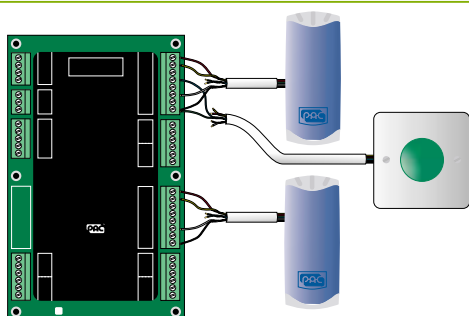
Battery for PAC Controllers

015-0018	0150018 12V 7 Amp rechargeable sealed lead acid battery
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Cable

PAC 512 CONTROLLER SHOWING WIRING TO PAC ONEPROX READER

017-0022	0170022 White cable 6 core, 100m
017-0024	0170024 White cable 8 core, 100m

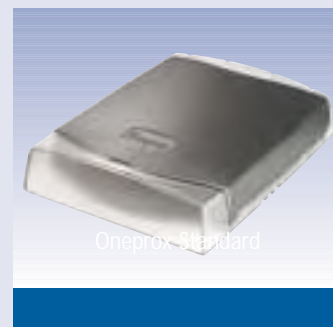


Oneprox Designer Mullion



Oneprox Mullion

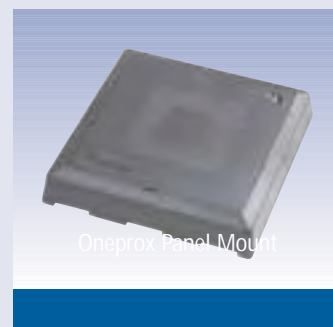
Oneprox Designer Standard



Oneprox Standard



Oneprox DDA Vandal



Oneprox Panel Mount



Oneprox Proximity Keypad



Oneprox Enrolment



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331-210 TOUCHLOCK K38 compact keypad



353-210 PROXIMITY P50 compact reader



355-110 PROXIMITY KP50 keypad

P, K & KP series devices – 38, 50 & 75

- The number reference refers to the width of the device, 38mm, 50mm & 75mm
- They can be used with Switch2 or Net2
- They come with 2 fascias, black and white so customers can choose the device colour
- Low profile - less than 16mm deep
- IP67 rated so suitable for internal or external use
- Read range up to 100mm with cards and ISO cards (P & KP only)
- Supplied with 5m of cable
- Easy to fit

PAXTON ACCESS Stand alone Systems (5 Year Warranty)

Code

Trade

TOUCHLOCK K series compact stand alone keypads - 50 codes, 4 to 8 digits, 2 outputs

902-0139	331-210 TOUCHLOCK K38 compact keypad
902-0140	351-210 TOUCHLOCK K50 compact keypad
902-0141	371-210 TOUCHLOCK K75 compact keypad
NEW 902-0177	371-220 TOUCHLOCK K75 compact keypad, screw connector
902-0142	332-210 TOUCHLOCK K38 Stainless Steel compact keypad
902-0143	352-210 TOUCHLOCK K50 Stainless Steel compact keypad
902-0144	372-210 TOUCHLOCK K75 Stainless Steel compact keypad
NEW 902-0183	372-220 TOUCHLOCK K75 Stainless Steel compact keypad, screw connector

K series compact keypads

The number refers to the width of the keypad. 38mm, 50mm & 75mm

All compact stand alone devices are supplied with 3m of cable

CARDLOCK compact stand alone mag swipe reader - 10,000 users, 3 zones

907-0010	945-803SC CARDLOCK compact card reader, satin chrome
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P series compact readers

The number refers to the width of the reader. 38mm, 50mm & 75mm

PROXIMITY compact stand alone vandal proof reader - 10,000 users, 3 zones

904-0037	326-735 PROXIMITY compact vandal proof reader (read range of up to 70mm cards, 55mm fobs & 25mm Watchprox)
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Switch2 Cable Specification

Maximum distance from Switch2 controller to TOUCHLOCK Keypad, CARDLOCK & PROXIMITY reader is 100m using Belden GAR9540STY cable

PROXIMITY P series compact readers

909-0280	333-210 PROXIMITY P38 compact reader (read range of up to 100mm cards, 50mm fobs & 35mm Watchprox)
909-0281	353-210 PROXIMITY P50 compact reader (read range of up to 100mm cards, 50mm fobs & 35mm Watchprox)
909-0282	373-210 PROXIMITY P75 compact reader (read range of up to 100mm cards, 50mm fobs & 35mm Watchprox)

Switch2 control units - 50 codes or 10,000 users and 3 zones

911-0121	405-321 Switch2 control unit, unboxed (supplied in PCB format)
925-0109	242-166 Switch2 control unit, and 1 Amp PSU in a black plastic housing

TOUCHLOCK keypads for use with a separate control unit

905-0045	331-110 TOUCHLOCK K series K38 keypad
905-0046	351-110 TOUCHLOCK K series K50 keypad
905-0047	371-110 TOUCHLOCK K series K75 keypad
NEW 905-0068	371-120 TOUCHLOCK K series K75 keypad, screw connector
905-0048	332-110 TOUCHLOCK K series K38 Stainless Steel keypad
905-0049	352-110 TOUCHLOCK K series K50 Stainless Steel keypad
905-0050	372-110 TOUCHLOCK K series K75 Stainless Steel keypad
NEW 905-0069	372-120 TOUCHLOCK K series K75 Stainless Steel keypad, screw connector



405-321 SWITCH2 control unit

CARDLOCK readers for use with a separate control unit

907-0029	266-898 CARDLOCK reader, black plastic external
907-0016	409-711SC CARDLOCK reader, satin chrome

The read ranges quoted are at optimum performance. The read range of the panel mount reader can be up to 30mm but as its performance is affected by metal the exact read range will depend on the construction of the panel. All readers (apart from Compact) are supplied with 5m of cable

PROXIMITY readers for use with a separate control unit

909-0283	333-110 PROXIMITY P38 reader - supplied with two covers 1 x black & 1 x white (read range of up to 100mm cards, 50mm fobs & 35mm Watchprox)
909-0263	353-110 PROXIMITY P50 reader - supplied with two covers 1 x black & 1 x white (read range of up to 100mm cards, 50mm fobs & 35mm Watchprox)
909-0284	373-110 PROXIMITY P75 reader - supplied with two covers 1 x black & 1 x white (read range of up to 100mm cards, 50mm fobs & 35mm Watchprox)
909-0210	390-747 PROXIMITY metal reader Satin Chrome finish (read range of up to 30mm cards, 20mm fobs & 20mm Watchprox)
909-0094	568-855 PROXIMITY vandal proof reader (read range of up to 70mm cards, 50mm fobs & 30mm Watchprox)
909-0150	370-225BL PROXIMITY backbox reader - black (read range of 100mm cards, 50mm fobs & 40mm Watchprox)
909-0151	370-225WT PROXIMITY backbox reader - white (read range of up to 100mm cards, 50mm fobs & 40mm Watchprox)
909-0149	390-135 PROXIMITY panel mount reader (read range of up to 30mm cards, 20mm fobs & 20mm Watchprox)

Combined PROXIMITY & KEYPAD readers for use with a separate control unit

908-0042	355-110 PROXIMITY KP50 keypad
908-0043	375-110 PROXIMITY KP75 keypad

Please note that K & KP series readers on Switch2 systems require controllers with YELLOW labels. These units WILL NOT operate on earlier versions of Switch2 controllers.

Accessories

015-0008	0150008 Battery, 12V 1.2 Amp rechargeable sealed lead acid
015-0018	0150018 Battery, 12V 7 Amp rechargeable sealed lead acid
912-0013	857-693 Paxton, 12V dc 2Amp boxed PSU with mains monitoring
922-0106	998-241 Paxton, 12V dc 1Amp PSU in a black plastic housing
922-0055	1381N Elmdene 12V dc 1 Amp PSU, Multi-Indicator, will supply full current whilst charging the battery

For more information about our products, please call +353 (0) 1450 1366



Touchlock K50 Stainless Steel Keypad



Proximity metal reader with Watchprox

PROXIMITY encoding system

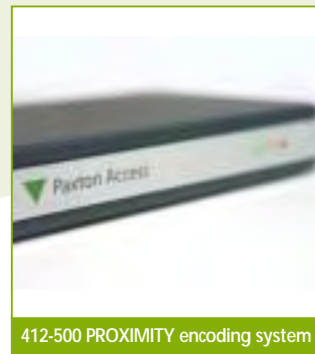
An economical way of managing standalone systems with a high number of users.

The encoder plugs straight into the USB port on a PC.

The unit encodes tokens for standalone systems. PROXIMITY compact and PROXIMITY Switch2.

The software takes minutes to learn.

A record of users is kept in the PROXIMITY encoder database.



412-500 PROXIMITY encoding system

PAXTON ACCESS Stand alone Systems (5 Year Warranty) (continued)

Code

Trade

CARDLOCK Stand alone starter packs and cards

926-0022	850-010 CARDLOCK Mag swipe, 10 card starter pack, (contains all Green user cards)
926-0023	850-050 CARDLOCK Mag swipe, 50 card starter pack, (contains all Green user cards)
926-0024	850-100 CARDLOCK Mag swipe, 100 card starter pack, (contains all Green user cards)
926-0064	877-012 Function card pack, - for use with CARDLOCK systems
926-0048	875-001G CARDLOCK Mag swipe 1 extra user card, Green
926-0078	875-001A CARDLOCK Mag swipe 1 extra user card, Amber
926-0077	875-001R CARDLOCK Mag swipe 1 extra user card, Red

Ordering cards for CARDLOCK stand alone

One starter pack only should be ordered per site. Choose a starter pack, with 10, 50 or 100 user cards. Order the additional number of user cards to make up the number required by the customer. All cards will be delivered in wallets with paper shadow cards. The enrolment card is included in the starter pack. The enrolment card is swiped through the reader and all cards are immediately valid for use. For more cards, after installation, ask your customer for the order card and send it in with your order. The order card enables new cards to be encoded with the unique site code. New cards supplied will immediately be valid.

PROXIMITY Stand alone keyfob packs

926-0386	820-010G PROXIMITY 10 keyfob pack Green
926-0385	820-010A PROXIMITY 10 keyfob pack Amber
926-0387	820-010R PROXIMITY 10 keyfob pack Red
926-0389	820-025G PROXIMITY 25 keyfob pack Green
926-0388	820-025A PROXIMITY 25 keyfob pack Amber
926-0390	820-025R PROXIMITY 25 keyfob pack Red
926-0392	820-050G PROXIMITY 50 keyfob pack Green
926-0391	820-050A PROXIMITY 50 keyfob pack Amber
926-0393	820-050R PROXIMITY 50 keyfob pack Red
926-0395	820-100G PROXIMITY 100 keyfob pack Green
926-0394	820-100A PROXIMITY 100 keyfob pack Amber
926-0396	820-100R PROXIMITY 100 keyfob pack Red

Ordering keyfobs for PROXIMITY stand alone

Ordering keyfobs for PROXIMITY is simple, just order a pack of 10, 25, 50 or 100 cards or keyfobs. All tokens are supplied with shadow cards. The enrolment card is supplied with the pack. The enrolment card is shown to the reader, all cards are immediately valid for use. For more cards after installation simply order another pack. The new pack will contain an enrolment card. The enrolment card from the original pack is shown to the reader, followed by the enrolment card from the new pack. All cards from both packs are valid for use. This removes the need for returning order cards when additional cards are required for a site.

PROXIMITY Stand alone card packs

926-0398	830-010G PROXIMITY 10 card pack Green
926-0397	830-010A PROXIMITY 10 card pack Amber
926-0399	830-010R PROXIMITY 10 card pack Red
926-0401	830-025G PROXIMITY 25 card pack Green
926-0400	830-025A PROXIMITY 25 card pack Amber
926-0402	830-025R PROXIMITY 25 card pack Red
926-0404	830-050G PROXIMITY 50 card pack Green
926-0403	830-050A PROXIMITY 50 card pack Amber
926-0405	830-050R PROXIMITY 50 card pack Red
926-0407	830-100G PROXIMITY 100 card pack Green
926-0406	830-100A PROXIMITY 100 card pack Amber
926-0408	830-100R PROXIMITY 100 card pack Red
926-0409	820-000 PROXIMITY Function card pack

Ordering cards for PROXIMITY stand alone

Ordering cards for PROXIMITY is simple, just order a pack of 10, 25, 50 or 100 cards or keyfobs. All tokens are supplied with shadow cards. The enrolment card is supplied with the pack. The enrolment card is shown to the reader, all cards are immediately valid for use. For more cards after installation simply order another pack. The new pack will contain an enrolment card. The enrolment card from the original pack is shown to the reader, followed by the enrolment card from the new pack. All cards from both packs are valid for use. This removes the need for returning order cards when additional cards are required for a site.

PROXIMITY Encoding system

926-0410	412-500 PROXIMITY encoding system USB includes encoding system and software
926-0577	542-990 PROXIMITY enrolment card plus, for additional sites

PROXIMITY Stand alone unencoded keyfobs and cards for PROXIMITY encoding system

926-0177	202-325G unencoded PROXIMITY keyfob Green
926-0343	202-325A unencoded PROXIMITY keyfob Amber
926-0344	202-325R unencoded PROXIMITY keyfob Red
926-0179	202-630 unencoded PROXIMITY ISO card
926-0178	202-668G unencoded PROXIMITY card Green
926-0342	202-668A unencoded PROXIMITY card Amber
926-0341	202-668R unencoded PROXIMITY card Red
926-0447	202-782BL unencoded PROXIMITY Watchprox, black
926-0448	202-782GD unencoded PROXIMITY Watchprox, gold
926-0449	202-782SL unencoded PROXIMITY Watchprox, silver

ID accessories are available in the Payne Security section of this product guide on pages 100 & 101

Paxton continued overleaf



Net2 access control could save you money on your energy bills.

Net2 from Paxton Access can save you money. Net2 is more than just an access control system, its powerful 'Triggers & Actions' feature allows it to easily integrate and manage other building systems such as air conditioning, lighting, heating and much more. By using the Net2 I/O board and setting up simple rules in the Net2 software you can automate the operation of building systems for maximum efficiency. Here are a



Automate lighting

Set office lights to turn on when the first person clocks in in the morning and to switch off again as the last person to leave sets the intruder alarm!

More information at: <http://paxton.info/588>



Automate air conditioning

Air conditioning running indefinitely wastes huge amounts of energy. Use Net2 to bar the use of air conditioning completely unless the outside temperature reaches a certain level.

More information at: <http://paxton.info/587>



Automate heating

Net2 can be configured to switch on the heating in your personal office as you arrive at the main entrance and can switch it off as you leave.

Contact us today to find out more about Net2 access control and how Triggers & Actions can be used to benefit you.

Our friendly support staff are on hand from
07:00 - 19:00, Monday to Friday.

Telephone: **0845 838 1716**

Email: **support@paxton.co.uk**

Web: **www.paxton.co.uk**



For more information about our products, please call +353 (0) 1450 1366



Paxton Access

Need hands free access? You need Net2Air hands free... ...only from Paxton Access!

Hands free convenience

Tokens read from your pocket - no need to present your token directly to the reader! Ideal for stockroom areas, disabled access, carpark barrier access, or clean room environments.

Retrofit to existing Net2 systems

Net2Air hands free can be added to either new or existing Net2 systems using P series readers.

Massive read range

Net2Air hands free achieves huge read ranges from standard P series readers - up to 2.5m!

3D antenna

Our Net2Air hands free tokens have a special 3D antenna, enabling them to read just as effectively in any orientation.

Disability Discrimination Act

Net2Air can help you comply with DDA legislation without incurring huge costs.

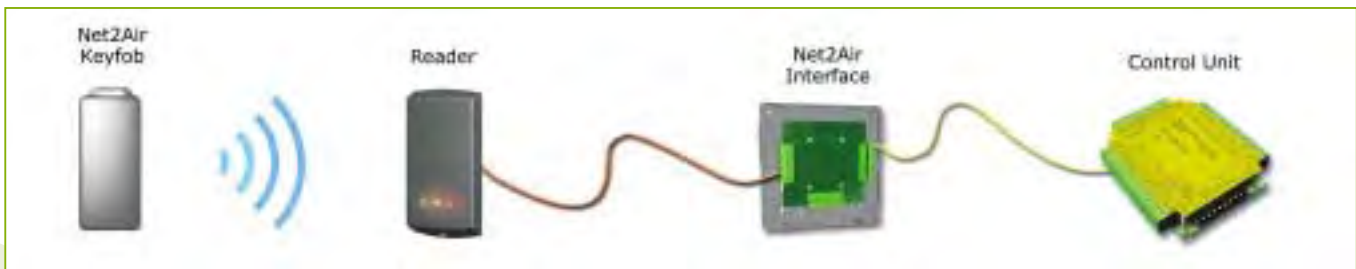
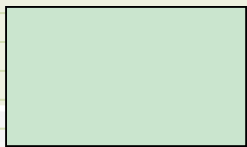
Want to know more about Net2Air hands free and what it can do for you? Contact us today for more information, our friendly and knowledgeable support staff are available 07:00 - 19:00 Monday - Friday.

Telephone: **0845 838 1716**

Email: **support@paxton.co.uk**



Paxton Access



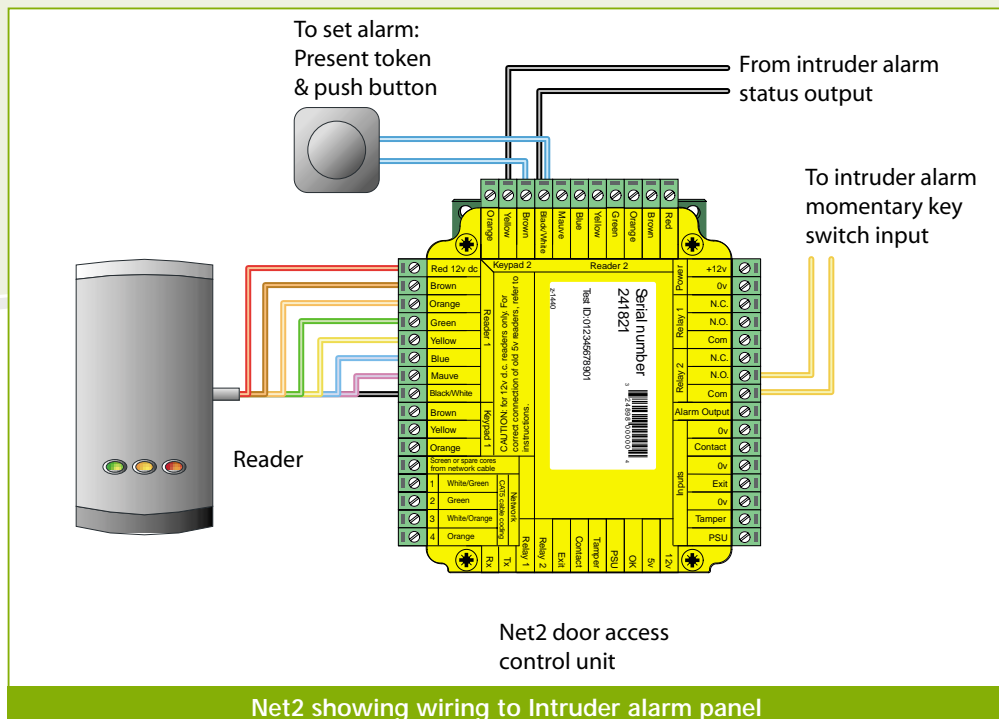
For more information about our products, please call +353 (0) 1450 1366



Diagnostic LED's aid installation



PROXIMITY P50 reader



PAXTON ACCESS Net2 PC based systems (5 Year Warranty) (continued)

Code

Trade

Accessories for controllers

912-0013 **857-693** Net2 2Amp PSU in a white steel cabinet with mains monitoring

CARDLOCK cards for use with Net2

926-0070 **695-573** Net2 mag swipe cards pack of 10

PROXIMITY devices for use with Net2

926-0071 **693-112** Net2 proximity cards pack of 10
 926-0072 **695-644** Net2 proximity keyfobs box of 10
 926-0073 **692-448** Net2 proximity ISO cards pack of 10
 926-0450 **698-574BL** Net2 Watchprox, black, pack of 10
 926-0451 **698-574GD** Net2 Watchprox, gold, pack of 10
 926-0452 **698-574SL** Net2 Watchprox, silver, pack of 10

PC Specifications

Processor specification Intel Pentium 1GHz (minimum)
 Intel Pentium 2GHz (recommended)
 Memory size 512MB (minimum) 1GB (recommended)
 Hard disk free space 5GB
 Display minimum specification 800 x 600, 256 colours
 Interfaces Comport or EtherNet
 CD-ROM drive required Yes
 Access rights (NT technology) Administrator
 Web Browser (included on CD-ROM) IE5 or later

Operating Systems

Windows 2000 (all levels) Service Pack 4 or greater
 Windows XP (all levels) Service Pack 1 or greater

Net2 version 4 software:

Net2 version 4 includes three new features:
 Site Graphics, Triggers & Actions and
 integration with Milestone's IP camera
 software.

ID accessories are available in the Payne Security section of this product guide on pages 100 & 101

Software - Windows XP (SP1) & 2000 (SP4) Fully Compatible

925-0114 **941-136** Net2 demonstration software on CD
 925-0112 **930-001** Net2 standard software for up to 200 Doors per comport/TCP channel, 10,000 users, multiple workstations, dial up
 925-0113 **930-010** Net2 professional software in addition to standard software; areas, roll call, antipassback, timesheet, custom wiegand configuration

Commissioning service

928-0921 **227-356** Commissioning service for 1 day

Cable

927-0720 **120-305** CAT5 data cable, 305m boxed reel
 927-0974 **125-305** CAT5 data cable, EXTERNAL, 305m boxed reel
 927-0205 **166-025** CR9540, 10 conductor overall screened cable, 24AWG, 25m (also available in a 10m length)
 927-0342 **GAR8723STY** Belden style, 2 pair twisted pair, individually screened cable, 22AWG 100m
 927-0041 **GAR9538STY** Belden style, 8 conductor overall screened cable, 24AWG, 100m
 927-0042 **GAR9540STY** Belden style, 10 conductor overall screened cable, 24AWG, 100m

Demonstration equipment

927-0725 **519-687** TOUCHLOCK demonstration unit
 927-0724 **519-686** PROXIMITY demonstration unit
 927-0707 **541-822** PROXIMITY demonstration case
 927-0706 **541-996** Net2 demonstration case

CABLE SPECIFICATION

Network communications for Net2

Network communication cable,
 Cat5 (screened or unscreened) or
 Belden GAR8723STY

Maximum total network distance
 is 1km using GAR8723STY or Cat5
 cable

If the network distance is over
 1km, then the Paxton 477-844
 (925-0108) repeater should be used

The perfect way to increase your sales of access control is to invest in demonstration equipment. Available for both stand alone PROXIMITY systems and Net2 these units are an invaluable sales tool. There is no better way of selling a system than letting your customers see for themselves how easy these systems are to use and the benefits they bring. THESE UNITS ARE QUOTED AT A NETT PRICE. NO DISCOUNTS ARE APPLICABLE.



Visit our
new website
www.tdsi.co.uk

ACCESS TO THE FUTURE

Access Everywhere Tomorrow

Recognised for its high standards and reliability, TDSi's portfolio covers a full range of modular and scalable access systems for single door or large installations across single or multiple sites.

SEEING IS BELIEVING

TDSi's acclaimed products are powered by our unique eXguard software, which ensures total and reliable integration of your access control systems and databases whatever your security requirements. The result? Low cost of ownership, high return on your investment and a future proof solution.

TDSi
ACCESS EVERYWHERE

Access TDSi -
+44 (0)1202 666222

For more information about our products, please call +353 (0) 1450 1366

TRY TDSi's NEW ON-LINE QUOTE TOOL

1

TDSi MG Designer

How many doors?

How many readers?

How many card holders?

What reader technology? Proximity

Cards or keyfobs? Cards

Communications to first MG? TDSiP

Software? MicroGarde Software

Additional Input / Output Modules

Protocol Converters

Controller Type: With built in PSU

[Click for Cable Specification](#)

Simply go to www.tdsi.co.uk, click on Sales and choose Product Specification Tools from the drop down menu. You can then download the UK version of the tool and answer the relevant step-by-step questions for either a MicroGarde or eXcel based system.

The example above shows a typical 12 reader access control requirement using the MicroGarde Quote Tool.

2

TDSi System Order Form

Description	Part No.	Qty
MG1 with built in PSU	5002-1905	6
TDSi eXpdx proximity reader	5002-0354	12
Proximity cards	4262-0245	100
Ethernet Upgrade Kit	5002-1812	1
MicroGarde Software	Included FOC	1
eXguard Pro Feature Upgrade	4420-2094	0
eXguard Pro Unlimited Doors Upgrade (USB)	4420-2102	0
Input / Output Upgrade Kit	5002-1811	0
Protocol Converter	5012-0013	0
MicroGarde RS232 lead	5002-1813	0

[Click to start again](#)

[Click for Cable Specification](#)

Both TDSi's new MicroGarde and eXcel quote tools deliver an access control solution that meets your needs exactly in a matter of seconds...

The example above shows a typical 12 reader access control solution using the MicroGarde Quote Tool.

3

Consult your local ADI-GARDINER branch or this catalogue for pricing...

**NOW THAT'S ACCESS
EVERYWHERE**



Features of the MicroGarde® controller

- 1 door/2 reader controller
- FREE MicroGarde software with every controller
- Global Fire Door Release
- Simple card holder set up
- Simple to apply unlimited access levels
- Automatic backup facility

MICROGARDE® 5002-1900



Features of the eXcel 2 controller

- 24,000 card capacity
- 2 reader, 1 or 2 door controller
- Dual power supply unit to drive both controller and locks
- Supports all reader technologies
- Compatible with eXguard PRO software

eXcel 2 5002-3082

TDSi (3 Year Warranty)

Code

Trade

Starter Kits and accessories

- 904-0054 **5002-1475** eXpack 1 - Standalone access control for 1 door (expandable to 2), 1000 users including eXprox reader and 20 prox cards
- 911-0327 **5002-1910** MicroGarde MG1 - 1 Door 2 Reader Access Controller Starter Kit, c/w MG1 in plastic case, 10 TDSi Prox Cards (4262-0245) & 2 eXprox readers (5002-0354) Requires 12V dc 2A PSU

Stand Alone Solutions

- 911-0081 **5002-1501** S1000 1/2 door stand alone access control unit
- 909-0504 **5002-1581** Prox 500 - stand alone prox reader/controller. For use with standard TDSi proximity cards

The above products require a 12V dc 1 Amp PSU

MicroGarde - Entry Level PC Based Access Control Solutions

MicroGarde is supplied with FREE PC software. However, for greatly increased functionality, the latest version of eXguard PRO PC software can be used (available at additional cost).

- 911-0329 **5002-1900** MicroGarde MG1 - 1 Door 2 Reader Access Controller in ivory plastic housing with FREE software. Requires 12V dc 2A PSU
- 911-0328 **5002-1906** MicroGarde MG1 - 1 Door 2 Reader Access Controller with 2A PSU in steel cabinet with FREE software
- 911-0327 **5002-1910** MicroGarde MG1 - 1 Door 2 Reader Access Controller Starter Kit, c/w MG1 in plastic case, 10 TDSi Prox Cards (4262-0245) & 2 eXprox readers (5002-0354) Requires 12V dc 2A PSU

Note: Providing the first MG1 controller is located within 15 metres of the PC, no additional protocol converter is required.

- 912-0262 **5002-1811** MicroGarde I/O Module PCB Upgrade Kit - Provides an additional 4 Inputs & 2 Outputs to a MG1 Access Controller
- 912-0261 **5002-1812** MicroGarde TCP/IP Ethernet Interface Module Upgrade Kit - provides TCP/IP connectivity for a MG1 Access Controller
- 909-0360 **5002-1813** MicroGarde RS232 lead

eXcel 2 - Entry Level PC Based Access Control Solution

- 911-0205 **5002-3082** eXcel 2 (240V AC) - 2 door controller for up to 24000 users with DUAL PSU for electronics, readers & locks - Graphite

eXcel 4 - Entry Level PC Based Access Control Solution

- 911-0207 **5002-3092** eXcel 4 (240V AC) - 4 door controller for up to 18000 users with DUAL PSU for electronics, readers & locks - Graphite

Communications

If more than one eX Series ACU is installed or if the total cable length is greater than 15m from the PC to the ACU, you will need a protocol converter to connect to the network into the PC RS232 socket. If more than one MicroGarde is installed and the first ACU is less than 15m from the PC then a separate protocol converter will not be required. This is because MicroGarde has an in-built converter.

- 925-0129 **5002-1460** Protocol converter (Ethernet/RS485) - for TCP/IP connection to eXpert and eXcel controllers
- 925-0130 **5012-0001** Protocol converter (RS232/RS485) - for use with eXpert and eXcel controllers
- 925-0172 **5012-0013** EX9520R Protocol converter RS232/RS485

Readers and Accessories

Infra-Red Readers/Keypads & Ancillaries

- 909-0259 **5002-0035** IR swipe reader (eXseries)
- 909-0325 **5002-1781** Digital Microcard Infra-Red reader with keypad
- 909-0501 **5002-0315** Digital infra-red reader with keypad
- 909-0500 **5002-0258** Square infra-red swipe-reader with keypad (eX-series)
- 928-0605 **5002-0080** Mounting plate for square Infra-Red reader
- 927-0240 **5002-0015** Rubber backplate for Infra-Red swipe reader/keypad

Mag Stripe Readers

- 927-0026 **5002-0360** Compact Mullion style Mag stripe reader (external & internal)
- 908-0032 **5002-0316** Magstripe reader with keypad for internal or external use



Readers and Accessories (continued)

Proximity Readers

NEW 909-0503 **5002-0430** eXentry Panel Mount Reader for TDSi prox cards/tags

Note: The eXentry panel mount proximity reader from TDSi can be fitted to a wide range of door entry panels.

909-0359 **5002-0354** eXprox 2D reader with Graphite and Ivory plastic cases

909-0358 **5002-0355** eXprox 2D reader, Vandal Resistant case, for use with MicroGarde in 4 reader configuration

908-0034 **5002-0390** Optica - combined proximity reader and optical keypad - up to 20cm read range Plastic case

908-0035 **5002-0391** Optica - combined proximity reader and optical keypad - up to 10cm read range V/R Stainless Steel case

909-0055 **5012-0020** TDSi Mid-Range proximity reader (read range of up to 60cm card or 30cm fob) - black

NEW 909-0499 **2920-0174** TDSi Long-range proximity reader - up to 90cm read range

The read ranges quoted are at optimum performance

Features of eXentry reader

- 125 kHz panel or switch box proximity reader
- Fully encapsulated design for maximum liquid and dust ingress protection
- Wide range of output formats including clock and data, Wiegand and TTL serial selected by DIP switch
- Can be used in conjunction with all TDSi proximity cards



eXentry 5002-0430

Mifare Readers

TDSi Mifare readers can interface either clock & data or 26bit wiegand

909-0440 **5012-0060** Mifare Serial Number reader

909-0189 **5012-0031** Mifare Sector reader (unique TDSi encryption for total security)

909-0327 **2920-0225** Optical fingerprint recognition with Mifare contactless smart-card reader

Features of eXsmart MIFARE®

- Discrete, elegant design
- Wide range of output options
- Integral indication LEDs and sounder
- Fully encapsulated design for maximum water and dust ingress protection
- Compatible with ISO 14443-A standard for 13.56 Mhz contactless Smartcard technology allowing multiple functions proximity cards



eXsmart MIFARE® 5012-0060

eXpert - Professional Level PC Based Access Control Solutions. Consult Technical Sales Support for suitability

Standalone up to 16 readers using an eXkeypad or networked with a PC, larger applications can be achieved depending on the PC specification. All controllers are supplied in a metal case c/w PSU.

911-0208 **5002-3002** eXpert 2 - Advanced 2 door controller for up to 48000 users with Dual PSU for electronics, readers and locks

911-0259 **5002-3042** eXpert2 SLAVE - 2 door slave controller with DUAL PSU

911-0300 **5002-3012** eXpert2-IP - Advanced 2 door controller for up to 48000 users with DUAL PSU for electronics, readers and locks, built in TCP/IP

911-0209 **5002-3063** eXpander 2 - add 2 doors to eXpert 2 to make 4 door controller

912-0126 **5002-3060** eXin/out - add 32 inputs and 16 outputs to eXpert 2

911-0379 **5002-3022** eXpert 4 - Advanced 4 door controller for up to 48000 users with Dual PSU for electronics, readers and locks

911-0380 **5002-3032** eXpert4-IP - Advanced 4 door controller for up to 48000 users with DUAL PSU for electronics, readers and locks, built in TCP/IP

912-0127 **5002-2070** eXkeypad - optional programmer for eXpert

eXguard Software - USB port licence keys

For easy and quick production of custom design photo cards, use the latest version of eXguard PRO PC software (suitable card printer required).

NEW 925-0300 **4420-2091** eXguard eXpress - FREE 32 door 5,000 card user software

NEW 925-0279 **4420-2092** eXguard upgrade to latest version (for existing users)

NEW 925-0280 **4420-2090** eXguard PRO - 1 user, 1 tenant, 128 doors

MicroGarde, eXcel and eXpert access control units can share the same network and can be integrated using eXguard PRO software. Contact Technical Sales Support for details.

eXguard Pro options

Note: All of the options below require the 4420-2094 (925-0281) eXguard feature upgrade.

NEW 925-0281 **4420-2094** eXguard feature upgrade - order along with the options below

NEW 925-0282 **4420-2100** Add 2 PC Workstations to eXguard PRO software

NEW 925-0283 **4420-2101** Add 4 PC Workstations to eXguard PRO software

NEW 925-0284 **4420-2102** Unlimited doors - increases eXguard PRO to unlimited doors

NEW 925-0285 **4420-2103** Additional Tenants - adds an extra tenant to eXguard PRO

Many DVR functions are available when eXguard PRO and one of the CCTV integration modules are combined including the viewing of live camera images plus the tagging and searching of recorded footage.

Digital Video Recorder (DVR) Support

NEW 925-0286 **4420-2200** Baxall/Vista support upgrade

NEW 925-0287 **4420-2201** Panasonic HDR300 support upgrade

NEW 925-0288 **4420-2202** Bosch support upgrade (Matrix functionality)

NEW 925-0289 **4420-2203** Dedicated Micros DS2 support upgrade (Available in V2.1 - NetVu Enabled)

Features of eXguard PRO software

- Standard software offers 128 doors, 1 workstation, 1 tenant
- Easy to upgrade
- Graphical site plans with animated icons
- in-built Photo-ID
- Full integration with leading CCTV DVRs and biometric technologies



eXguard PRO 4420-2090

Biometric Support

NEW 925-0290 **4420-2300** Panasonic BM-ET200 Iris reader - seamless integration into eXguard

NEW 925-0291 **4420-2301** Bioscrypt V Series - seamless integration into eXguard

Additional Applications

NEW 925-0294 **4420-2400** eXtour - scheduled guard tour package using TDSi readers

NEW 925-0295 **4420-2401** Visitor Management - add on package for eXguard PRO

NEW 925-0296 **4420-2402** Integration Facility - Fusion/OPC/API (includes 0.5 telephone days support)

NEW 925-0297 **4420-2403** eXnotify - Remote notification facility to PDA

External Control

NEW 925-0298 **4420-2500** Lift Control

NEW 925-0299 **4420-2501** Intruder Control

Fusion software can be used for sharing data from a number of existing databases. Contact Technical Sales Support for details.

Integration with CCTV, intruder and fire panels is now possible by the latest version of eXguard PRO PC software. Please contact TDSi for confirmation of compatibility and list of supported hardware.

For more information about our products, please call +353 (0) 1450 1366

Commissioning Engineer927-0241 **7263-3120** 1 Engineer/Day + Expenses where appropriate**PC Desktop Readers**909-0416 **2920-0227** Keyboard desktop wedge reader, Proximity909-0417 **2920-0228** Keyboard desktop wedge reader, Mifare**Cards & Tokens****Microcards**

TDSi's unique infra-red Microcard technology can now be added to most existing access control units using the Digital IR reader. Both 26-bit Wiegand and clock and data outputs are available to make this reader universal.

926-0055 **4801-0003** Microcard 8 digits, for TDSi Infra Red readers (54 x 86mm) single edged926-0044 **4801-0008** Microcard 8 digits, for TDSi Infra-Red readers (white), for video imaging926-0378 **4801-0009** Microcard 8 digits, for TDSi Infra-Red readers (white) + HICO mag swipe926-0003 **4062-0080** Microcard 8 digits keycard for TDSi Infra-Red readers**Mag Stripe Cards**926-0011 **5502-0002** Mag stripe card (HICO)**Proximity Cards/Tokens**926-0088 **4262-0245** TDSi Proximity Card926-0089 **4262-0247** Proximity ISO card - plain with Mag stripe (TDSi)926-0054 **4262-0246** TDSi Proximity key fob**Mifare Cards**

Encoded eXsmart Mifare cards are available, each with a unique number encrypted and stored in sector 9. Two types of card are available depending on which data-output format is required: either Clock & Data (mag-stripe compatible) or Wiegand. Clock & Data cards have an 8-digit number printed on them; this number is output in Track 2 ABA format. Wiegand-format cards are printed with a 3-digit site code and 5-digit card number; these numbers are output in standard 26-bit format.

NEW

926-0801 **2920-3000** Plain White Mifare Serial Card (1k)

NEW

926-0802 **2920-3001** Plain White Mifare Serial Card (4k)

NEW

926-0803 **2920-3002** Mifare Serial (1k) with Card Number Printed

NEW

926-0804 **2920-3003** Mifare Serial (4k) with Card Number Printed

NEW

926-0805 **2920-3004** White Sector Card (1k) with Card Number Printed

NEW

926-0806 **2920-3005** White Sector Card (4k) with Card Number Printed

NEW

926-0413 **2920-0182** Mifare Card sector 9 encoded clock & data - plain white

Note: Up to 16 different applications can be accommodated on a single card (i.e. access control, photocopying, cashless payment etc.)

ID Accessories926-0525 **ACLIC0004** Nickel free bead chain necklace 36" long - pack of 100926-0526 **ACLIC0003** White plastic 2.4mm bead chain necklace 30" long - pack of 100926-0533 **ALANB0002** Safety Breakaway lanyard Black, Metal Hook - pack of 100926-0539 **AYOYB0002** Black - Compact YOYO with belt clip and strap clip with metal poppers for attachment to card holders - pack of 100926-0543 **AYOYB0013** Metal, YOYO holder - Chrome finish supplied with strap with metal poppers - pack of 50926-0549 **ABADL0005** LX Landscape Card Holders (86mm x 54mm) - Clear, pack of 100926-0554 **ABADL0011** LX Portrait Card Holders (86mm x 54mm) - Clear, pack of 100926-0364 **ACLIC0008** High Quality Flip Top Clip - pack of 100

More ID accessories are available in the Payne Security section of this product guide on pages 100 & 101

Ancillaries922-0055 **1381N** Elmdene 12V dc 1 Amp PSU, Multi-Indicator, will supply full current whilst charging the battery922-0056 **1382N** Elmdene 12V dc 2 Amp PSU, Multi-Indicator, will supply full current whilst charging the battery922-0102 **1381FSA** Elmdene 12V dc 1 Amp PSU, inc. fault signalling via a relay & deep discharge battery protection922-0103 **1382FSA** Elmdene 12V dc 2 Amp PSU, inc. fault signalling via a relay & deep discharge battery protection015-0018 **0150018** 12V 7 Amp rechargeable sealed lead acid battery**CABLE SPECIFICATION**

Maximum distance between controller and door lock is 100m using belden GAR9729STY cable

Distance could alter depending on the current consumption of the lock

Maximum distance from controller to Infra-Red swipe reader is 140m using belden GAR9729STY cable

Maximum distance from controller to Mag swipe reader is 60m using belden GAR9730STY cable

Maximum distance from controller to keypad is 140m using belden GAR9504STY cable

Maximum distance from controller to proximity reader is 150m using belden GAR9730STY cable

Maximum distance for the Network is 1.2km using belden GAR9729STY cable

Maximum distance from PC to protocol converter is 15m using belden GAR9534STY cable

Cable927-0039 **GAR9504STY** Belden style, 4 pair twisted pair overall screened cable, 24AWG,100m927-0040 **GAR9534STY** Belden style, 4 conductor overall screen cable, 24AWG, 100m927-0202 **GAR9729STY** Belden style, 2 pair twisted pair, individually screened cable, 24AWG,100m927-0043 **GAR9730STY** Belden style, 3 pair twisted pair, individually screened cable, 24AWG,100m

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- High accuracy - handles multiple people even side-by-side or crossing over

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www.irisys.co.uk

For more information about our products, please call 1-853 (0) 1-501 1566

IRISYS Access Control Tailgate Detection (1 Year Warranty)

Code

Trade

The IRISYS IRS2100 offers a practical solution to tailgating for access controlled entrances. The ceiling mounted unit uses IRISYS' unique thermal imaging technology to offer significant increases in security; ideal for applications including cash and data centres, utility companies, high security offices, manufacturing plants and transport hubs.

Key Features:

- Unique thermal imaging technology for high accuracy
- Compact indoor ceiling mount housing
- Detects multiple people side-by-side or crossing in entrance
- Useable on inward opening or double doors
- Airlock mode for interlocks
- 'One Way' mode for use in corridors to detect people travelling the wrong way
- Simple relay interface
- Easy to configure
- 10-28V dc, 70mA

The unit is self contained, can interface with most access control systems and the resulting tailgate alarm output can be used to trigger an alarm, activate a CCTV system or sound a local buzzer.

For use in Tailgate Mode, ensure the access system can provide a voltage pulse switched by a relay output which provides a 0.1 - 1 sec pulse for each valid card independent of the unlock relay. Engineer needs IWC 2044 and ISU0004 loaded on a laptop with serial port to configure the Tailgate Detector.

Tailgate Detector

- NEW** 912-0341 **IRS2100/60** IRISYS Access Control Tailgate Detector
- NEW** 912-0367 **IWC2044** IRISYS Set-up module (for engineer use to set up Tailgate Detector, do not require one per Tailgate Detector). Use in conjunction with ISU0004
- NEW** 912-0368 **ISU0004** IRISYS Tailgate Set-up software CD & documentation - FOC with IWC 2044

IRISYS People Counting (Hardware 1 Year Warranty, Software 3 Months Warranty, annual software maintenance available)

Ideal for Museums and Galleries, Retail Stores, Pubs, Bars and similar premises, the IRISYS People Counting system offers efficient monitoring of customer/visitor traffic to a premises. The data can provide reports of traffic patterns, valuable for assessing busy times, hourly/daily visitor numbers, as a comparison against revenues and as a useful record to help in planning staff rotas.

IRISYS People Counter Key Features:

- Compact ceiling mount units
- Unique thermal imaging technology for high accuracy
- Up to 30 counters on a CAN Bus, cabled with CAT5 cable (800m max total bus length)
- Wide opening option for large entrances
- 10-28V dc, 70mA (indoor), 90mA (outdoor)
- Easy to configure

Engineer needs IWC 2044 or IWC 2031 and ISU0003 loaded on a laptop with serial port to configure the People Counters.

pcCount Analysis Software Key Features:

- Single site PC based people count analysis software
- Supports up to 30 doors equipped with IRISYS People Counters
- 'traffic' chart and graph displays by hour, day, week, month
- Data export facility

pcCount Suite multi-site, multi client terminal and web based software reporting options available. Contact Technical Sales Support for details.

Indoor People Counters

- NEW** 912-0342 **IRC1004/1** IRISYS People Counter, Indoor, 2.5-4.5m mounting height, CAN Bus
- NEW** 912-0343 **IRC1004/3** IRISYS People Counter Wide Opening Master, Indoor, 2.5-4.5m mounting height, CAN Bus
- NEW** 912-0344 **IRC1014/1** IRISYS People Counter, Indoor, 4-7m mounting height, CAN Bus
- NEW** 912-0345 **IRC1014/3** IRISYS People Counter Wide Opening Master, Indoor, 4-7m Mounting height, CAN Bus

Outdoor People Counters (IP66)

- NEW** 912-0346 **IRC1003/1** IRISYS People Counter, Outdoor, 2.5-4.5m mounting height, CAN Bus
- NEW** 912-0347 **IRC1003/3** IRISYS People Counter Wide Opening Master, outdoor 2.5-4.5m mounting height, CAN Bus
- NEW** 912-0348 **IRC1013/1** IRISYS People Counter, Outdoor, 4-7m mounting height, CAN Bus
- NEW** 912-0349 **IRC1013/3** IRISYS People Counter Wide Opening Master, Outdoor, 4-7m mounting height, CAN Bus
- NEW** 912-0350 **IRC1023/1** IRISYS People Counter, Outdoor, 7-13m mounting height, CAN Bus

People Count Analysis Software

- NEW** 925-0333 **ISC6001** IRISYS Count analysis software, single site, up to 30 doors/people counters, excludes PC. Needs 1 x IWC2020 to provide connection from CAN bus to PC
- NEW** 925-0334 **ISC6001/1** Annual software maintenance for pcCount analysis software
- NEW** 912-0351 **IWC2020** IRISYS CAN to RS232 converter, to connect up to 30 doors/people counters to PC running pcCount. Requires 10-28V dc power supply (70mA) and serial cable to connect to PC, 9D female to 9D male, straight through

People Counter Accessories

- NEW** 912-0367 **IWC2044** IRISYS Set-up module (for engineer use to set up indoor People Counter, do not require one for each People Counter). Use in conjunction with ISU0003
- NEW** 912-0369 **IWC2031** IRISYS Set-up cable for outdoor people counter (for engineer use to set up outdoor People Counter, do not require one for each People Counter). Use in conjunction with ISU0003
- NEW** 912-0370 **ISU 0003** People Counter Set-up Software
- NEW** 912-0352 **IWC2030** IRISYS Outdoor People Counter Ball-Joint Mounting



GCK-01

GUARD TOUR & HOTEL LOCKING SYSTEMS

Code

Trade

GUARD TOUR SYSTEMS

Reader Options

Make your Guard Patrol system more efficient and highly effective in almost no time with Reader Option's GCK-01 DigiTool™ Guard Patrol Kit. The kit includes all the necessary equipment that you need to begin. All you need is a PC with an available COM port.

The GCK-01 kit includes DigiTool™ Lite Report software allowing you to manage your Guard Patrol system, download patrol data from the GC-01 Reader and create reports for Patrol Analysis and Personnel Management. Raw data can also be exported to Excel for more advanced reporting requirements.

Features:

Complete Guard Patrol kit to begin operations immediately after quick configuration.

Cost effective and completely upgradeable as your Guard Patrol System grows.

GCK-01 Components:

- One GC-01 Data Reader.
- One GC-02 Downloader plus UK AC/dc Adapter.
- One GA-06 Leather Holster for GC-01.
- One GA-02 Event Book.
- Twelve GA-01 Location Tags.
- One GA-05 9-pin Serial Cable.
- DigiTool™ Lite Reports software.

The advanced design of the DigiTool™ Guard Patrol system allows for complete upgradeability. Additional GC-01 Readers and GA-01B Location tags can be added to suit your requirements without incurring any additional software licence fees.

NEW	955-0001	GC-01 DigiTool DAU Data Reader, Black, Complete with rechargeable battery
NEW	955-0002	GC-02 DigiTool Base Station - Docking station for GC-01 to allow connection to PC. Complete with built in charger
NEW	955-0003	GC-03 Additional charger for GC-01
NEW	955-0004	GA-01B Location tag, black
NEW	955-0005	GA-02 Event book with 10 Dallas buttons and mounting system. Synthetic PVC leather. Rugged construction
NEW	955-0006	GA-06 Belt holster for GC-01
NEW	955-0007	GS-01 DigiTool Report - Standard software package, comprises CD-ROM and instruction manual
NEW	955-0008	GCK-01 Standard kit - comprises of 1x GC-01 DigiTool DAU reader, 1x GC-02 base unit and charger, 12x GA-01B location tags, 1x GA-02 event book, 1x GA-05 9 pin interface cable, 1x GA-06 belt holster, GS-01 standard software and instruction manual

HOTEL LOCKING SYSTEMS

Ingersoll Rand Security Technologies - CISA Wavemode (1 Year Warranty)

Cisa Wavemode is the revolutionary new design in hotel and accommodation locking solutions. For the first time, the design takes into account the overall aesthetics of the door and offers a separate reader and lockset that combine internally to give a stunning and fresh look to this system. Wavemode offers contactless proximity card operation which ensures that the cards cannot be copied or cloned helping to reduce fraud while increasing room security. The Wavemode system is extremely durable to wear resistance and vandalism compared with traditional magstripe technology locksets and provides a longer life of maintenance free operation.

Wavemode is designed to be fitted into existing or new doors and can cope with up to 300 doors on a single site. Each lock is battery operated and has an on board audit log for the last 500 events.

System specification is made easy by selecting an appropriate number of locks to suit the number of doors, card encoding unit, hand held interrogator, software (if required), an appropriate number of proximity cards, installation (if required) and commissioning.

NEW	909-0505	CSWAVE Cisa Wavemode proximity smartcard lockset c/w batteries, satin chrome finish
NEW	928-1323	CSWAVEENC Cisa Wavemode proximity card encoder unit
NEW	928-1324	CSWAVEHHI Cisa Wavemode hand held interrogator unit
NEW	926-0807	CSWAVEPROX100 Cisa Wavemode linen style proximity cards (pack of 100)
NEW	925-0345	CSWAVESWARE Cisa Wavemode access control software (allows PC control of card issuing)
NEW	928-1325	CSWAVECOM Cisa Wavemode system commissioning (up to 300 doors, carried out by CISA)
NEW	904-0804	CSWAVEPROXRDR Cisa Wavemode stand alone proximity lock and control unit for hard wire installation
NEW	928-1326	CSWAVEINST Cisa Wavemode lock installation if required, carried out by CISA, price per door (subject to survey)

Note - Alternative finishes and suiting are available for the locksets, please contact Technical Sales Support for further details.





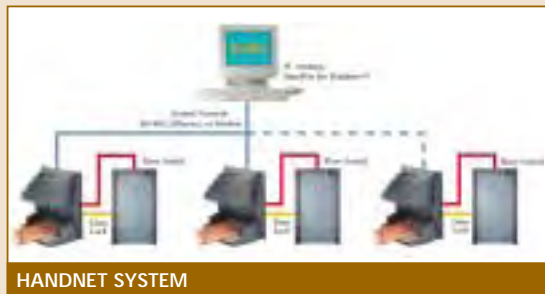
3250/3251 Specifications:

Maximum Users	Unlimited
Supply Voltage	10 - 14V dc
Supply Current	500mA maximum
Temperature Range	0°C to 40°C
Dimensions	160 x 165 x 60mm (HxWxD)





HANDKEY II



HANDNET SYSTEM



DX2000

BIOMETRIC READERS (continued)

Code

Trade

Ingersoll Rand Security Technologies - Recognition Systems (1 Year warranty)

Handkey Hand Geometry readers

Handkey by Recognition Systems utilises field proven hand geometry technology that maps and verifies the size and shape of a persons hand in less than 1 second. Handkey simultaneously analyses more than 31,000 points and instantaneously records more than 90 separate measurements of an individuals hand including length, width, thickness and surface area. Perfect for applications large and small, Handkey is ideal for high volume, high throughput applications where error rates cannot be tolerated.

Standalone or fully integrated, systems can be as simple as one unit providing control to a secured door to hundreds of units networked together. The Handkey's card emulation mode makes adding to an existing access control system fast and easy. A variety of communication methods, including dial-up modem and ethernet allows you to design a system thats suitable for your facility.

In a Network, Handnet for Windows™ software links a virtually unlimited number of Handkey units into an integrated access control system. All alarms and transactions report in real time back to the central computer, making door and alarm monitoring easy and efficient. Activity, user and system reports are easily generated with the central computer handling all hand template management. Optional internal modem and ethernet cards allow remote site capabilities.

- 909-0306 **HKII** Handkey II base model, 512 users 12/24V dc (Upgradeable to 32,512 users)
- 909-0335 **ID3DR** Handkey vandal proof model, 12/24V dc, 256 users as standard upgradeable to 27,904
- 909-0307 **ID3D-RW** Outdoor Handkey, 12/24V dc, 256 users as standard upgradeable to 27,904
- 925-0198 **HN-2-T1** Handnet for Windows Tier One - < 5 readers inc. DC-102-220

Fingerkey Fingerprint Terminal

The Fingerkey is a stylish, compact high quality finger reader terminal with onboard keypad and LCD display. It features a durable optical sensor enclosed within a tough polycarbonate housing complete with a high visibility LED bar and buzzer to provide visual and audible indications to the user. Integrated card reader (HID Prox, HID iClass & Mifare) and ethernet options.

The Fingerkey has a configurable Wiegand or Clock & Data output to link to an access control panel.

- 909-0336 **DX2000** Fingerprint terminal, LCD, Keypad 250 users standard, upgradeable to 2000 users
- 909-0337 **DX2100** Fingerprint terminal, LCD, integrated HID Prox reader, Keypad, 250 users standard, upgradeable to 2000 users
- 909-0389 **DX2200** Fingerprint terminal, LCD, integrated HID iCLASS smartcard reader (13.56 MHz, ISO 15693), 250 users standard, upgradeable to 2000 users
- 912-0280 **FPE-100** Upgrade serial number to enable on-board ethernet communication function
- 912-0281 **FPM-500** Upgrade serial number to expand 250 users to 500 users
- 912-0282 **FPM-2000** Upgrade serial number to expand 250 users to 2000 users

Panasonic (3 Year warranty)

Iris Recognition Reader

The BM-ET200 is a fast, high-precision iris reader from Panasonic. It provides all the benefits of iris recognition in one elegant, adaptable unit. The Panasonic BM-ET200 utilises the most accurate biometric method to provide unequalled identification and can be simply integrated into most access control systems.

- 909-0506 **BM-ET200** Fast Capture Iris Recognition Reader unit. Provides simple connection to new or existing access control systems via optional Wiegand Board (BM-ETA201). Requires 12V dc 1A PSU
- 909-0507 **BM-ES200** Administration Software for BM-ET200 Iris Reader (Includes 25 Iris Codes)
- 909-0508 **BM-ETA201** Optional Wiegand Input and Output Board for BM-ET200 Iris Reader
- 925-0270 **BM-EU30100** Licence for 100 Iris Codes
- 925-0271 **BM-EU31000** Licence for 1000 Iris Codes
- 925-0272 **BM-EU33000** Licence for 3000 Iris Codes
- 925-0273 **BM-EU35000** Licence for 5000 Iris Codes

Videx (1 Year Warranty)

BioAccess Fingerprint Readers

The BioAccess Thermal fingerprint reader is available in 2 versions - 900 or 3000 users with 3 fingerprint templates per user. These readers are programmed either by a series of pushbuttons located on the rear of the module or, with the optional software via a PC. BioAccess modules can be integrated into 4000 series audio and video systems.

- 909-0478 **4821 (4821)** 900 user module with Stainless Steel faceplate. Requires suitable backbox
- 909-0529 **4823 (4823)** 3000 user module with Stainless Steel faceplate. Requires suitable backbox
- 925-0364 **4827 (4827)** Software kit for above readers
- 916-0587 **4851 (4851)** Flush backbox with gunmetal housing
- 915-1341 **4881 (4881)** Surface back box gunmetal grey

Backboxes in other finishes are available. Contact Technical Sales Support for details.



MAGICARD

secure ID card printers

The professional's choice

Rio 2e



Free 2 years
no-hassle
warranty
(US and EU only)

- e** - Ethernet Interface
- e** - Plug and Play Driver
- e** - Best Print Quality

- The new Rio 2e features built-in Ethernet, USB and a new graphical printer driver for easier interfacing.
- UltraCoverPlus 2 year unlimited warranty for total peace of mind.



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For more information about our products, please call +353 (0) 450 1361

Magocard printers offer high quality full colour PVC card printing with the added benefit of the UltraCover plus 2 year extended warranty. (Not available with Tempo printers). This reduces any printer downtime by providing a FREE loan unit until the repaired item has been returned. This no quibble warranty also covers the replacement of printheads whatever the cause of failure.



Rio2e PRINTER



ALTO PRINTER



TEMPO PRINTER

MAGICARD (2 Year Warranty)

Code

Trade

Magocard Rio2e - Single Side Colour Card Printers

Downloads and prints a colour single sided card image (YMCKO) in less than 20 seconds using USB, parallel ports or ethernet connections. Built to withstand the hard work of high throughput jobs, but also ideal for low-duty cycle applications. (Dye film Ribbon NOT supplied with printer).

- 927-0631 **M9006-749E** Magocard Rio2e single sided colour card printer (SPRIM0037G)
- 927-0632 **M9006-751E** Magocard Rio2e M single sided colour card printer with a built in mag swipe encoder (SPRIM0038G)
- 927-0633 **M9006-820E** Magocard Rio2e S single sided colour card printer with a built in smart card encoder (SPRIM0043G)
- 927-0634 **M9006-924E** Magocard Rio2e MS single sided colour card printer with a built in mag swipe and smart card encoder (SPRIM0044G)
- 926-0511 **M9006-981E** Magocard Rio2e single sided colour card printer with a built in MIFARE card encoder (SPRIM0045G)

Tango2e Flip - Double Side Colour Card Printers

Downloads and prints a colour single double sided card image (YMCKO) in around 25 seconds using USB, parallel ports or ethernet connections. Whisper quiet operation, plus easy drop in dye film loading. (Dye film Ribbon NOT supplied with printer).

- 927-0635 **M9006-745E** Magocard Tango2e Flip "Double" sided colour card printer, full colour on one side and resin black on the other (SPRIM0039G)
- 927-0636 **M9006-747E** Magocard Tango2e Flip M "Double" sided colour card printer, full colour on one side and resin black on the other with a built in mag swipe encoder (SPRIM0040G)
- 927-0637 **M9006-925E** Magocard Tango2e Flip S "Double" sided colour card printer, full colour on one side and resin black on the other with a built in smart card encoder (SPRIM0046G)
- 927-0638 **M9006-926E** Magocard Tango2e Flip MS "Double" sided colour card printer, full colour on one side and resin black on the other with a built in mag swipe and smart card encoder (SPRIM0047G)
- 926-0512 **M9006-990E** Magocard Tango2e Flip MS "Double" sided colour card printer, full colour on one side and resin black on the other with a built in MIFARE card encoder (SPRIM0048G)

Rio2/Tango2e Dye Film (Printer Ribbons)

- 927-0645 **M9005-751** Dye Film type LC1 YMCKO full colour (350 images) (ARIBM0004G)
- 927-0646 **M9005-753** Dye Film type LC3/D Monochrome resin black no overcoat (1000 images) (ARIBM0006G)
- 927-0647 **M9005-756** Dye Film type LC6/D Resin black/OP protective overcoat (600 images) (ARIBM0007G)
- 927-0648 **M9005-758** Dye Film type LC8/C YMCKOK full colour for Tango (300 images) (ARIBM0003G)

Rio2/Tango2e Accessories

- 927-1583 **M9005-761** Cleaning kit consisting of 10 cleaning cards, 5 cleaning rollers & a cleaning pen (ACLNM0009G)

Magocard Alto Card Printers

- 928-1068 **M9006-380E** Magocard Alto printer (USB only) (SPRIM0001G)
- 928-1069 **M9006-381E** Magocard Alto M printer with encoder (USB only) (SPRIM0013G)

Magocard Alto Dye film (Printer ribbons)

- 928-1070 **PCF6** Magocard Alto 100 shot dye film 2 x 50 card dispensers with 100 blank PVC cards (ARIBM0001G)
- 928-1071 **PCF7** Magocard Alto 100 shot dye film 2 x 50 HiCo card dispensers with 100 blank PVC cards with Mag Swipe (ARIBM0017G)
- 927-2497 **PCX-PF2** Magocard Alto 100 shot dye film 2 x empty card dispensers (for technology cards) (ARIBM0023G)
- 928-1072 **CK1** Magocard cleaning cards (ACLNM0005G)

HoloKote™ Keys

Both Rio and Tango printers offer Magocard's anti-forgery system. A daylight visible security logo is printed across the whole card face. With zero consumable costs, custom security logos are applied to the card when the encrypted HoloKote Key is attached to the printer. The HoloKote key can now also be programmed to lock out the printer (if requested when ordering).

- 926-0514 **M9005-762E** HoloKote™ Key - Set-up & supply of custom design key from your artwork (SPRIH0004G)
- 926-0515 **M9005-763E** HoloKote™ Key - Additional printer keys (SPRIH0002G)

Magocard Tempo Card Printers & Ribbons (1 year return to base warranty)

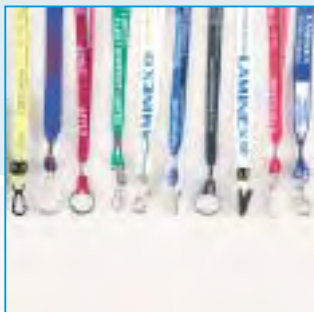
- 927-1846 **M9006-907E** Magocard Tempo Printer - USB only (SPRIM0034G)
- 927-1893 **M9006-908E** Magocard Tempo Printer with Magnetic Stripe Encoder - USB only (SPRIM0035G)
- 927-1847 **TM1** TM1 Colour Ribbon (250 Images) (ARIBM0030G)
- 927-1848 **PF3** Monochrome Black Ribbon (500 images) (ARIBM0020G)

Note: Magocard's UltraCover plus 2 year extended warranty is not available with Tempo printers.



RIBBON

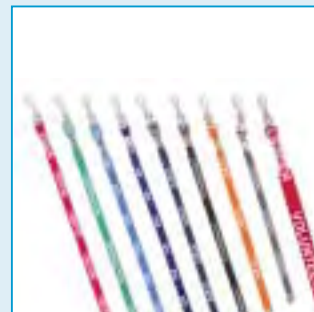




PRINTED LANYARDS



YOYOS



STOCK PRINTED LANYARDS

PAYNE SECURITY (1 Year Warranty) (continued)

Code

Trade

ID Accesories

Clips

926-0364	ACLIC0008 High Quality Flip Top Clip - pack of 100
926-0520	ACLIC0018 Rigid Spring Jaw Strap Clip - pack of 100
926-0521	ACLIC0007 Economy Flip Top Clip - pack of 100
926-0522	ACLIC0011 Flip Top Clip - Metal Popper - pack of 100
926-0523	ACLIC0001 Self adhesive backed clip with safety pin attachment - pack of 100

Bead Chain Necklaces

926-0524	ACLIC0002 Nickel free bead chain necklace 30" long - pack of 100
926-0525	ACLIC0004 Nickel free bead chain necklace 36" long - pack of 100
926-0526	ACLIC0003 White plastic 2.4mm bead chain necklace 30" long - pack of 100

Safety Breakaway Lanyards

All Payne Security lanyards have a plastic breakaway device that snaps under pressure.

Plastic Hook

926-0527	ALANB0001 Black, Breakaway lanyard - pack of 100
926-0528	ALANB0008 Royal Blue, Breakaway lanyard - pack of 100
927-1290	ALANB0016 Navy Blue, Breakaway lanyard - pack of 100
926-0530	ALANB0011 White, Breakaway lanyard - pack of 100

Metal Hook

926-0533	ALANB0002 Black, Breakaway lanyard - pack of 100
926-0534	ALANB0009 Blue, Breakaway lanyard - pack of 100
927-1291	ALANB0017 Navy Blue, Breakaway lanyard - pack of 100

Pre-printed Safety Breakaway Lanyards

Pre-printed lanyards are available in a range of standard stock designs including STAFF, VISITOR & CONTRACTOR for high visibility.

NEW	927-2503	ALANS0008 Economy Safety Breakaway VISITOR Lanyards - Red and White - pack of 50
NEW	927-2502	ALANS0006 Economy Safety Breakaway STAFF Lanyards - Blue and White - pack of 50
NEW	927-2499	ALANS0001 Economy Safety Breakaway CONTRACTOR Lanyards - Green and White - pack of 50
	927-0745	ALANS0005 Safety Breakaway STAFF lanyards - Blue and White - pack of 50
	926-0366	ALANS0007 Safety Breakaway VISITOR lanyards - Red and White - pack of 50
	926-0367	ALANS0002 Safety Breakaway CONTRACTOR lanyards - Green and White - pack of 50

Customised Printed Safety Breakaway Lanyards

Lanyards with a metal swivel hook are available to your own design in up to 2 colours with the additional safety of a breakaway feature. All lanyards are printed on to white base stock, therefore white should not be counted as a colour.

NEW	927-2505	ALANP125 Single colour screen printed lanyards - pack of 125
NEW	927-2498	ALANP250 Single colour screen printed lanyards - pack of 250
	927-1292	LANP1500 Single colour printed lanyards - pack of 500
	927-1293	LANP11000 Single colour printed lanyards - pack of 1000
	927-1294	LANP2500 Two colour printed lanyards - pack of 500
	927-1297	LANP21000 Two colour printed lanyards - pack of 1000

For more information about our products, please call +353 (0) 1450 1366



LX LANDSCAPE CARD HOLDERS



DOUBLE CARD HOLDER



PLASTIC WALLET

PAYNE SECURITY (1 Year Warranty) (continued)

Code

Trade

YOYO's

A range of YOYO's for use with cardholders. Provide easy swipe access for magnetic and proximity cards.

- 926-0539 **AYOYB0002** Black - Compact YOYO with belt clip and strap clip with metal poppers for attachment to card holders - pack of 100
- 926-0540 **AYOYB0003** Blue - Compact YOYO with belt clip and strap clip with metal poppers for attachment to card holders - pack of 100
- 926-0541 **AYOYB0006** Red - Compact YOYO with belt clip and strap clip with metal poppers for attachment to card holders - pack of 100
- 926-0542 **AYOYB0010** Black Ski style YOYO with plastic clip hook for attachment to card holders - pack of 100
- 926-0543 **AYOYB0013** Metal, YOYO holder - Chrome finish supplied with strap with metal poppers - pack of 50

Clear Rigid Badge Holder

Single clear credit card size holder, that covers the whole card. Available in landscape and portrait - pack of 100.

- 926-0544 **ABADC0001** Landscape clear badge holder, with thumb ejection slot
- 926-0545 **ABADC0003** Portrait clear badge holder, with thumb ejection slot

LX Landscape Card Holders (86mm x 54mm)

Single landscape card holder, can be used with all clips and attachments - Holds 1 credit card (size 86mm x 54mm) - pack of 100.

- 926-0547 **ABADL0002** Black
- 926-0548 **ABADL0003** Royal Blue
- 926-0549 **ABADL0005** Clear
- 926-0546 **ABADL0006** Red
- 926-0550 **ABADL0004** Green
- 926-0551 **ABADL0007** Yellow

LX Portrait Card Holders (86mm x 54mm)

Single portrait card holder, can be used with all clips and attachments - Holds 1 credit card (size 86mm x 54mm) - pack of 100.

- 926-0552 **ABADL0008** Black
- 926-0553 **ABADL0009** Royal Blue
- 926-0554 **ABADL0011** Clear
- 926-0555 **ABADL0012** Red
- 926-0556 **ABADL0010** Green
- 926-0557 **ABADL0014** Yellow

Multi Badge and Double Landscape Card Holders

A range of credit card sized holders for holding multiple cards.

- 926-0559 **ABADM0002** Black - Pro Multibadge holder - Holds 5 credit cards (size 86 x 54mm) - pack of 100
- 926-0560 **ABADD0001** Black - LX Double Badge holder - Holds 1 credit card on either side of the holder - pack of 100
- 926-0561 **ABADT0001** Clear - LX Twist badge holder - Holds 1 card in either portrait or landscape with twist pocket clip - pack of 100

Flexipass Clear PVC Wallets

Flexible clear PVC wallets, available in a range of sizes. For use with paper and plastic cards - pack of 100.

- 926-0562 **ABADW0006** 106 x 92mm
- 926-0563 **ABADW0021** 71 x 116mm
- 926-0564 **ABADW0022** 94 x 87mm
- 926-0565 **ABADW0023** 97 x 97mm
- 926-0365 **ABADW0035** Suitable for most paper based visitor passes.
- 926-0568 **ABADW0018** Clear, flexible card pocket, open short edge, card size 86mm x 54mm
- 926-0569 **ABADW0019** Self adhesive clear flexible card pocket for attachment to surfaces, open top edge, card size 86mm x 54mm





PHOTO ID SYSTEM



PHOTO ID

VISITOR MANAGEMENT SYSTEMS

Code

Trade

Payne Security (1 Year Warranty)

IDPro PHOTO ID System

The simple to use ID software package, IDPro is supplied complete with a Sony Mavica digital camera to allow capture of images alongside the comprehensive database, card design and print facility. Full colour PVC ID cards can be quickly produced using your choice of Magicard printer in conjunction with your IDPro Solo software package.

IDPro Solo System offers single station operation with multiple user password protection, fully definable 20 field database with design wizard, total card design flexibility with card design wizard, calculated/combined fields, screen design wizard (single screen), report design and system audit trail & single dossier print facility.

926-0506 **IDPSOLOSYS1** IDPro Photo ID System, comprising IDPro Solo Software and Sony Mavica Digital Camera

925-0201 **SSOFI0002** IDPro Photo ID Software ONLY

System Options:

927-0613 **SSUPI0011** Onsite support and training

927-0614 **SHARC0014** PC Video Card, for 'live' capture, requires a PCI slot within the PC (AVCSP2019)

927-0615 **SHARC0001** Sony camcorder LCD screen

IDPro and Magicard Printer Package Systems

The IDPro software is supplied with a web camera, Magicard printer and ribbon to enable you to print on to your existing cards from day 1.

927-1281 **IDPSOLOSYS2** IDPro Solo Software, USB web camera and Magicard Alto printer and ribbon cassette

927-1282 **IDPSOLOSYS3** IDPro Solo Software, USB web camera and Magicard Rio2e printer and LC1 ribbon

927-2504 **IDPSOLOSYS4** IDPro Software, Magicard Tempo Colour Printer and TM1 Colour Ribbon



Note: The recommended MINIMUM system requirements for IDPro software are Pentium III processor, 128 Mb RAM, 1Gb free storage space, CD ROM, mouse, keyboard and SVGA monitor, with Video Adapter capable of supporting High colour (16 bit).

PVC Cards - For all card printers

Suitable for use in all dye sublimation PVC card printers, Payne Security cards are supplied wrapped in 100's for easy placement direct in to your card printer.

926-0507 **CPVCB0012** Plain White CR80 PVC cards sold in packs of 100

926-0508 **CPVCB0013** Mag Swipe - Plain white CR80 PVC cards with a HiCo magnetic swipe sold in packs of 100

926-0509 **CPVCB0028** Mag Swipe - Plain white CR80 PVC cards with a LoCo magnetic swipe sold in packs of 100

926-0510 **CPVCB0027** Self Adhesive Cards - to be attached to any basic proximity cards sold in packs of 500

Card Personalisation Bureau Service

ID Direct, the bureau service from Payne Security, offers the facility to design cards for your customers and then print them with a full colour photo and personal details. Using the latest re-transfer printers we can print on to all types of PVC card, including Smart chip and proximity, providing a superb quality photo ID card solution.

The ID Direct Service offers

Comprehensive card design, set up of database, image capture from passport photos or digital images, Full colour card print, distribution to one address. Price includes printing onto blank 760 micron PVC cards. Other cards can be supplied for printing upon if required.

927-0741 **CIDDH0000** Image capture and card production from photos supplied - Includes photo and up to 3 lines of text - price per card (minimum 100 cards)

927-0742 **CIDDO0001** On site photography service - Capture of up to 200 cards and images per day

Honeywell (1 Year Warranty)



LobbyWorks Visitor Management

The LobbyWorks Suite is an innovative technology based electronic solution to the complex challenges of visitor management. It automates the process of the visitor management function, manages the risk of a potential security breach, and helps compliance with health and safety requirements, outperforming traditional paper based or other electronic visitor systems in terms of security, technology, productivity, cost effectiveness, ease of use and integration.

LobbyWorks combines the integration power of the most commonly used office applications: Lotus Notes and Microsoft Outlook. It integrates with Microsoft's Active Directory, where all employee usernames and passwords are stored and can automatically retrieve the list of all pre-programmed users in the organisation, enabling it to provide an automated visitor announcement solution with 'pop-ups' appearing on hosts desktop screens.

Hosts can also pre-register visitors or groups via an internal web browser.

Visitors can use LobbyWorks from software on reception PC's or via 'self serve' kiosks, located in reception areas, where their details can be captured (via card scan and photo). The LobbyWorks system then informs the host that their visitor has arrived - by email, pop-up or automated phone call.

LobbyWorks Visitor Management Software

NEW	925-0365	LWVMSPRO LobbyWorks Professional Edition - (Standalone Edition). Includes: LobbyWorks Server & Lobbyworks Front Desk application installed on the same PC. (Cannot be used with other applications such as LobbyWorks Kiosk, Web Centre or Notify)
NEW	925-0366	LWVMSSTD LobbyWorks Standard Edition - (Networked Edition). Includes: LobbyWorks Server, Front Desk, Administrator and Reporter
NEW	925-0367	LWVMSSTDCL LobbyWorks Standard Edition Additional License. Networked Edition. Includes a license of LobbyWorks Front Desk
NEW	925-0368	LWVMSEXP LobbyWorks Kiosk. Visitor self-registration application. (May be used as a standalone or in a networked configuration)
NEW	925-0369	LWVMSEBNDL LobbyWorks Web Centre. Web access to LobbyWorks server to allow hosts to pre-register their visitors and allow security to view real-time visitor traffic and validate sign in/sign out visitor badges. One license per site
NEW	925-0370	LWVMSRPT LobbyWorks Reporter Additional License Report generation utility. First license comes with Standard and Professional Edition
NEW	925-0371	LWVMSCOM LobbyWorks Notify. Real-time network pop-up for visitor authorisation and for tracking expired visits. One license per site

LobbyWorks Visitor Management Hardware

NEW	927-2515	PT-KI17LASEI002 Protouch 7000 Kiosk
NEW	927-2516	PT-TOUCHSENS-17 17" Touch Sensor Display
NEW	927-2517	PT-WEBCAM Web Cam - Fully integrated into Protouch 7000 Kiosk
NEW	927-2518	PT-HIFISPEAKERS Hi-Fi Sound System with two Integrated Hi-Fi Speakers built into the Protouch 7000
NEW	927-2519	LW-PC-SPEC PC suitable for Protouch range (excludes monitor). Intel® Pentium® 4 Processor 2.2GHz. 40GB IDE Hard Drive. 256MB DDR SDRAM
NEW	927-2226	PB-CAM-3 Camera - Logitech Zoom - 640x480 resolution camera. (Clip on)
NEW	927-2520	LW-CARDSCAN Business Card Scanner - Corex CardScan 600c
NEW	927-2521	LWVMSOBS Omni-Directional Barcode Scanner - Incl. USB Cable and Stand - Laser linear barcode scanner
NEW	927-2522	LW-DYMO Badge Printer - DYMO Label Writer 330 Turbo
NEW	927-2523	AV-W9100 Avery W9100 Self adhesive double sided name badges with slot (85mm x 60mm). (10 boxes of 400)





TRIFLO SENTRY TURNSTILE



TRIFLO CONSOLE TURNSTILE



TRIFLO PREMIER TURNSTILE



ELITE ULTRA TURNSTILE

TURNSTILES

Code

Trade

ITAB^{MK}

TriFlo Sentry Turnstile

This functional half height turnstile is for internal use and comes bi-directionally controlled as standard. The turnstile can be controlled via any access control unit which gives out a volt free contact. The Sentry features; Free rotation on power failure or activation of fire alarm and an unlocking mechanism that is adjustable from 2-32 seconds.



927-2571 **TRI/SEN/01** TriFlo Sentry Turnstile, Stainless Steel, Bi-Directionally Controlled .

All controlled units are supplied complete with Push Button (Foot Pedal operation is an available option). Other control methods are available by quotation only. If a controlled unit is required, please specify controlled direction, for example controlled entry/free exit, left hand or right hand unit required at time of order.

TriFlo Console Turnstile

This robust half height turnstile is for internal use and comes bi-directionally controlled as standard. The turnstile can be controlled via any access control unit which gives out a volt free contact. The Sentry features; Free rotation on power failure or activation of fire alarm and an unlocking mechanism that is adjustable from 2-32 seconds.



927-2572 **TRI/CON/01** TriFlo Console Turnstile, Stainless Steel, Bi-Directionally Controlled

All controlled units are supplied complete with Push Button (Foot Pedal operation is an available option). Other control methods are available by quotation only. If a controlled unit is required, please specify controlled direction, for example controlled entry/free exit, left hand or right hand unit required at time of order.

TriFlo Premier Turnstile

This elegant half height turnstile is for internal use and comes bi-directionally controlled as standard. The turnstile can be controlled via any access control unit which gives out a volt free contact. The Sentry features; Free rotation on power failure or activation of fire alarm and an unlocking mechanism that is adjustable from 2-32 seconds. This turnstile combines elegance with the ultimate in security. It complements and enhances many corporate environments that need to combine protection with aesthetics.



927-2573 **TRI/PRE/01** TriFlo Premier turnstile, Stainless Steel, Bi-Directionally Controlled

All controlled units are supplied complete with Push Button (Foot Pedal operation is an available option). Other control methods are available by quotation only. If a controlled unit is required, please specify controlled direction, for example controlled entry/free exit, left hand or right hand unit required at time of order.

Elite Ultra Turnstile

This stylish 2 arm Elite turnstile is motorised for higher throughput. The turnstile features near silent operation and enables automatic and unhindered free passage in an emergency situation. The Elite Ultra can process up to 25% more pedestrian throughput than traditional turnstiles. Providing superlative indoor admission and entrance control, the Elite Ultra also features low energy consumption and a virtually maintenance-free mechanism. It has been designed to reduce the number of barriers and readers traditionally required for environments that experience high volumes of pedestrian traffic, significantly reducing the overall space requirements, installation investment and on-going operational costs. This elegant turnstile combines sophistication with protection and enhances any corporate/front of house location where aesthetics are of great importance. A motor driven turnstile using sensors, synchronises the rotating arms to the speed of the person passing through. The drive is integrated into the main body, therefore allowing easy installation into new and existing buildings as there is no underfloor mechanism to install. The turnstile is controlled by a microprocessor - housed in an internal control unit.



927-2574 **TRI/ELU/01** Elite Ultra, Stainless Steel, Two-armed motorised turnstile

All controlled units are supplied complete with Push Button. Other control methods are available by quotation only. Please specify at time of order if left hand or right hand unit is required.

Opus Turnstile

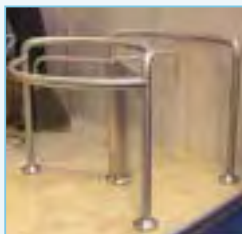
The Opus features a smooth rotation ensuring easy passage and reset. This modern turnstile adapts to the speed of the person passing through by pressure sensors. The drive is integrated into the middle column ensuring no under-floor drive work is required. This prestigious turnstile combines enhancement with protection and is complementary to any corporate location where aesthetics are the key driver. The Opus is a half height rotary turnstile and is constructed of Stainless Steel with a fine brushed, granulation 240 surface. The infill panels are constructed of plate safety 10mm glass and sit within Stainless Steel 30mm fine brushed tubes. There is no requirement for infra sensors or guidance barriers. The Opus features 120 degree motorised operation; intelligent motion control; responsive turning following identification of valid entry permit; bi-directional controlled as standard; microprocessor-controlled and is adjustable for all conventional reading systems. Free rotation on power failure or activation of fire alarm. The Opus comes complete with an external control box and 10m of cable.



927-2575 **TRI/OPU/01** Opus, Stainless Steel and Glass, Motorised Rotary Turnstile

The Opus turnstile is supplied complete including control box & bi-directional unit.

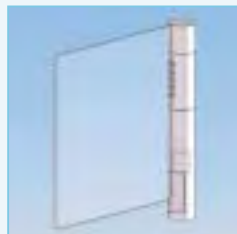
For more information about our products, please call +353 (0) 1450 1366



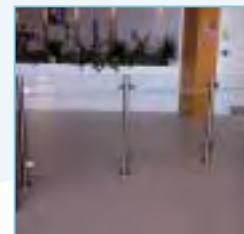
OPUS TURNSTILE



ROTOGATE WITH FULL DEPTH ARM



ROTOGATE SI



GLASS BARRIER RAIL

TURNSTILES (continued)

Code

Trade

ITAB^{mk} (continued)

Rotogate Turnstile

The Rotogate offers a cost effective and versatile solution to controlling entrance/exit to any location. The simple, versatile design of the Rotogate presents a secure and stylish solution that compliments many locations, particularly those which experience high levels of pedestrian traffic. The Rotogate is packed with many features that make access control more integrated and less obtrusive. It has the flexibility to be integrated with a variety of control systems from a simple manually operated push button to more sophisticated card and prox readers. Other features of the Rotogate are: It will automatically reset from the breakout position within 3 seconds (the breakout force required can be varied between 60-180 newton metres to suit environments); it has in-built intelligent software that activates a 'sleep mode' if it cannot perform a function after 3 failed attempts; it comes complete with a full depth arm with perspex infill panel and the Rotogate is fully DDA compliant. The Rotogate can easily be configured to open at either 180° or 90°. The gate will open fully in 3 seconds. The gate comes complete with 2 push button controls.



927-2576 **ROT/FD/01** Rotogate turnstile, Satin Chrome with Full Depth Arm (900mm width)

All controlled units are supplied complete with Push Button. Other control methods are available by quotation only. Please specify at time of order if left hand or right hand unit is required.

Rotogate SI Turnstile

The RotogateSI provides a very prestigious yet secure access control solution that is very suitable in front of house locations. This attractive, robust unit incorporates all of the working mechanisms neatly within the gate column, making it compact and user friendly. The Rotogate SI provides secure closure for passageways and is well suited for checkpoints where high security and attractive design are both equally important. Designed specially to provide access for all, as it has the added benefit of being fully DDA compliant as it offers full access to disabled users. The Stainless Steel finish means that the RotogateSI will provide additional access whilst complimenting the design of the main installation. Our Rotogate is packed with many features that make access control more integrated and less obtrusive. It has the flexibility to be integrated with a variety of control systems from a simple manually operated push button to more sophisticated controls such as card and prox readers. The gate can operate as a right or left hand gate or through 180°. Another great feature of the Rotogate is that it will automatically reset from the breakout position within 3 seconds. The RotogateSI is supplied with 2 Push Button controls.



927-2577 **ROT/SI/01** Rotogate SI, Stainless Steel Body with 10mm thick toughened safety glass (900mm width 1000mm full depth)

Rotogate SI is supplied with 2 Push Button controls and an arm width of up to 900mm. Other control methods are available by quotation only. Please specify at time of order if left hand or right hand unit is required.

Glass Barrier Rail

Stainless Steel uprights with toughened safety glass infill. Price per metre. Please specify specific gap size to fill when ordering. If ordering more than one metre please specify if it is continuous or separate.



927-2578 **STST/BAR/01** Glass Barrier Rail, Stainless Steel Uprights with Toughened Safety Glass Infill (per metre)

The above product listing is only a small selection of the range of products available from ITAB^{mk} Radford

ITAB^{mk} Radford's product range includes:

Full Height Turnstiles

Mechanical Gates

Beltrac® Belt and Post Systems

Installation, commissioning services and extended warranties are available.

Please contact Technical Sales Support for further information

All prices exclude delivery charges. Please contact your local branch for details





CHAMBERLAIN
LiftMaster
PROFESSIONAL

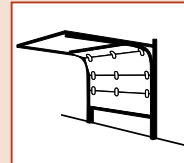
our world is **expanding** to make **access easier**

Chamberlain® is expanding its LiftMaster brand professional products offering to bring you a complete line of access products to build your business. From our #1 professionally installed residential garage door opener brand to industrial and gate operators and tubular motors, we offer you more so that you can sell additional products and boost your bottom line!

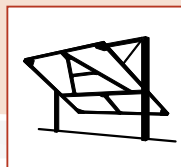
LiftMaster® Garage Door Openers
LiftMaster® Commercial Operators
LiftMaster® Radio Control Products
LiftMaster® Gate Operators
LiftMaster® Tubular Motors



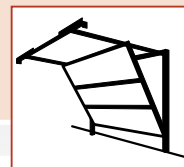
One Piece Fully Retractable Door



Sectional Up and Over Door



Canopy Door



Dual Track or Non-Protruding Door

CHAMBERLAIN LIFTMASTER

Code

Trade

Garage Door Opener - Automation kits

AC Chain Drive

System includes opener, 4-pc C-rail for doors up to 2.3m in height, logic board with diagnostics, 433MHz superheterodyne receiver, one 3-channel mini remote control with rolling security code (for use within a vehicle) and illuminated push button. Suitable for use on single or double doors. Extension kits for 2.5m and 3.0m door heights are available.

800N, 230-240V AC 50Hz, 550W, Tn=5A

- Heavy duty AC motor
- External mechanical limits
- 2.5 minute light delay
- Automatic learn force sensing
- Certified to meet EN12453 without IR sensors on doors up to 110kg/13.5m²
- 2-year warranty
- Full chain drive
- 40W light
- Headroom clearance: 30mm

927-1264 **5580GBK** AC chain drive garage door opener for sectional and fully retractable doors
The above kit includes 2 cartons: 1 x operator, remote control & hardware, 1 x rail pack

927-1265 **5580GBC** AC chain drive garage door opener for canopy doors (kit includes Canopy Door Converter Arm)
The above kit includes 3 cartons: 1 x operator, remote control & hardware, 1 x rail pack, 1 x canopy door arm



5580GBC KIT FOR CANOPY DOORS

DC Belt Drive - 600N

System includes opener, 4-pc rail for doors up to 2.3m in height, 433MHz superheterodyne receiver, energy saving - transformer, logic board with diagnostics, one 3-channel mini hand held remote control with rolling security code, illuminated push button, door-in-door and flashing light connection. Suitable for single doors. Extension kits for 2.5m and 3.0m door heights are available.

600N, 230-240V AC 50Hz, 140W, Tn=6Nm

- DC motor
- Easy program electronic limits
- Automatic learn force sensing
- Smooth soft-start/soft-stop
- Certified to meet EN12453 without IR sensors on doors up to 90kg/10.7m²
- 2-year full warranty
- Belt drive
- 25W light included
- Headroom clearance: 30mm

927-1266 **LM60R-GB** DC belt drive garage door opener for sectional and fully retractable doors
The above kit includes 1 carton with operator, remote control, hardware and rail

927-1267 **LM60R-GBC** DC belt drive garage door opener for canopy doors (kit includes Canopy Door Converter Arm)
The above kit includes 2 cartons: 1 x operator, remote control, hardware and rail, 1 x canopy door arm



LM60R-GBC KIT FOR CANOPY DOORS

DC Belt Drive - 1000N

System includes opener, 4-pc rail for doors up to 2.3m in height, 433MHz superheterodyne receiver, energy saving - transformer, logic board with diagnostics, two 3-channel mini hand held remote controls with rolling security code, multi-function control panel with PIR light control, 40W light, door-in-door and flashing light connection. Suitable for single or double doors. Extension kits for 2.5m and 3.0m door heights are available.

1000N, 230-240V AC 50Hz, 190W, Tn=10Nm

- DC motor
- Multi-function control panel
- Auto close (770E IR sensor required)
- Smooth soft-start/soft-stop
- Certified to meet EN12453 without IR sensors on doors up to 130kg/13.5m²
- 5-year motor/2-year full warranty
- Belt drive
- Automatic learn force sensing
- Headroom clearance: 30mm

927-1268 **LM1000AGBK** DC belt drive garage door opener for sectional and fully retractable doors
The above kit includes 2 cartons: 1 x operator, remote control & hardware, 1 x rail pack

927-1269 **LM1000AGBC** DC belt drive garage door opener for canopy doors (kit includes Canopy Door Converter Arm)
The above kit includes 3 cartons: 1 x operator, remote control & hardware, 1 x rail pack, 1 x canopy door arm



LM1000AGBC KIT FOR CANOPY DOORS

Garage Door Opener Accessories

927-0761 **770E** Infra-Red safety beam, which quickly senses obstructions in the garage door path, automatically reversing the door before any damage is done

Chamberlain Liftmaster offers standard 1 and 2 channel remote controls for opening and closing up to two garage doors and multi-function 3-button remote controls for opening and closing up to three garage doors or gate combinations. A standard add on sale for each operator.

927-1270 **94330E** 1-Channel remote control 433MHz, with rolling security code

927-1271 **94333E** 3-Channel remote control 433MHz, with rolling security code

927-1272 **94335E** 3-Channel remote control 433MHz a miniature version of the multi-function remote control... and just as powerful

927-1273 **9747E** Illuminated Wireless Keyless Entry System 433MHz- Opens the garage door without remote control or keys when you enter a private 4-digit security code. Mounts outside the garage, on the door jamb or wall

927-0767 **78LM** Multi Functional Control Panel - controls the garage door and lights from inside the garage, Locks out all outside radio signals while you're away. Illuminated so it's easy to locate

927-0768 **1702E** Keyswitch for quick release unlock for vault style garages, allowing entry to a garage on power failure, if no secondary access is available

For more information about our products, please call +353 (0) 1450 1366

Wing Gate Openers

928-0093 **LYN300K-230V** 230V Wing gate opener kit (1 carton)

927-2427 **LYN300K-24V** 24V Wing gate opener kit (1 carton)



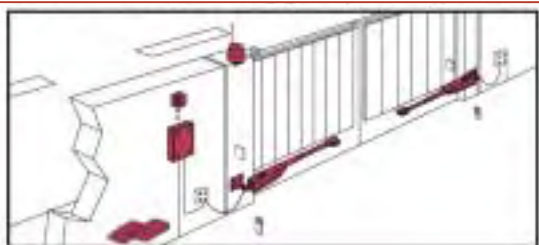
The kit includes 2 linear actuator motors for wings up to 3m, electronic controller with 433MHz super-heterodyne receiver, two remote controls with rolling security code IP44 control box, IR sensor, flashing light with antenna, keyswitch, mounting brackets and hardware.

250N, 220-240V AC 50Hz, 280W, 1.2A
250N, 24V AC 50Hz, 48W, 2A

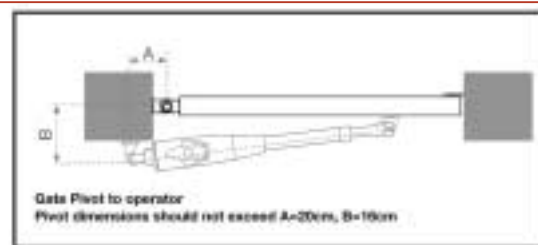
- Manual release with key lock
- 2-year warranty

- Symmetrical design
- Powder coated die-cast aluminum housing

- Heavy-duty gate & post brackets
- Rugged steel screw with corrosion protection



LYN300K



LYN300K

928-0730 **ART300K** Wing gate opener kit (1 carton)

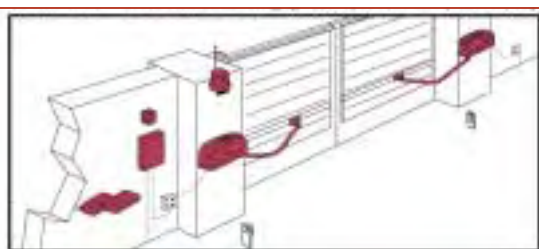
The kit includes 2 motors for wings up to 3m, electronic controller with 433MHz super-heterodyne receiver, two 3-channel mini remote controls with rolling security code, IP44 control box, IR sensor, flashing light with antenna, keyswitch, mounting brackets and hardware.

330N, 230-240V AC 50Hz, 300W, 1.7A

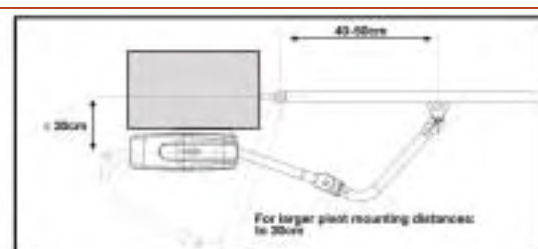
- Manual release with key lock
- 2-year warranty

- Magnetic limit switches
- Control board inside weather proof motor housing

- Heavy-duty mounting plate
- Maintenance free, permanent lubrication



ART300K



ART300K

Sliding Gate Opener

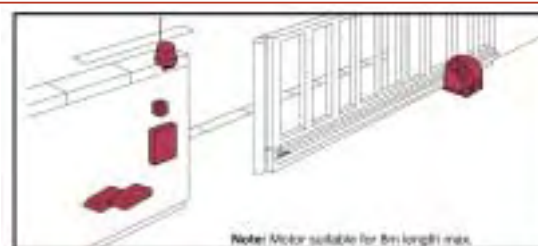
928-0589 **SLY500K3** Sliding gate opener kit

928-0590 **202127** Additional 1m PVC rack for longer gates (RACK1M)

The kit contains motor incl. connecting cable, capacitor, box, lid, front plate and bolts for lid as well as nuts for motor, IP67, electronic control, two 3-channel mini remote controls with rolling security code, IR sensor, flashing lamp, outside keyswitch and antenna kit.

500Kg, 230-240V AC 50Hz, 360W, 1.5A

- Manual release with key lock
- Magnetic limit switches
- Heavy-duty mounting plate
- 2-year warranty
- Control board inside weather proof motor housing
- Maintenance free, permanent lubrication



SLY500K3

Underground Operator

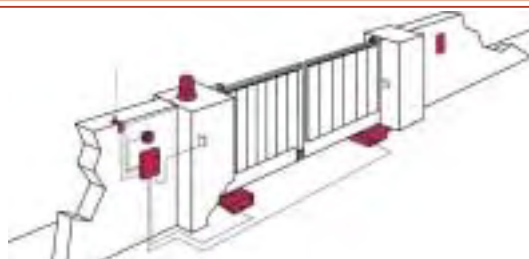


928-1245 **SUB300K** Underground Operator

The kit includes motor, electronic controller with 433MHz super-heterodyne receiver, two 3-channel mini remote controls with rolling security code, IR sensor, flashing light, keyswitch, antenna kit, base plate, limit switches and 4m of rack.

600kg (at 2.5m), 230V AC 50Hz, 300W, 2.1A

- Manual release in gate arm connector
- Rugged worm gear
- Waterproof and permanently lubricated motor
- Built-in hard stop limits
- Maintenance free
- 2-year warranty



SUB300K

LiftMaster offers further Gate automation lines upon request.



Automation kits for swing gates

Please Note a delivery charge of £50 will be required to be paid on all deliveries of gate drive units, barriers & barrier arms.

FROG series

UNDERGROUND automatic control system for hinged gates up to 3.5m in length

FROG series kits

- 927-0468 **FROG-S** 1 x Underground foundation casing, 1 x Underground motor 230V AC, 1 x Control panel casing, 1 x Control panel PCB board, 1 x Tuned antenna, 1 x Frequency card, 1 x Pair of safety beams & 2 x remote controls
- 927-0469 **FROG-P** 2 x Underground foundation casings, 2 x Underground motors 230V AC, 1 x Control panel casing, 1 x Control panel PCB board, 1 x Tuned antenna, 1 x Frequency card, 1 x Pair of safety beams & 2 x remote controls
- 928-0353 **A4370** Extra-length transmission lever for openings up to 140° (max width 2m each leaf) (One unit required per leaf)
- 928-0567 **FL180** Transmission system for openings up to 180° (max width 2m each leaf) (One unit required per leaf)

Steel foundation casing with special galvanised finish, complete with cover, transmission lever/spindle and release system with keys (accessible internally or externally for manual opening). SELF-LOCKING electromechanical gearmotors in waterproof aluminium casing (protection grade IP66) standard opening up to 110 degree's



FROG

FERNI series

EXTERNAL automatic system with ARTICULATED ARM, for hinged gates up to 4m in length

FERNI series kits

- 927-0470 **FERNI-S** 1 x FERNI motor 230V AC, 1 x Control panel casing, 1 x Control panel PCB board, 1 x Tuned antenna, 1 x Frequency card, 1 x Pair of safety beams & 2 x remote controls
- 927-0471 **FERNI-P** 2 x FERNI motors 230V AC, 1 x Control panel casing, 1 x Control panel PCB board, 1 x Tuned antenna, 1 x Frequency card, 1 x Pair of safety beams & 2 x remote controls

SELF-LOCKING electromechanical gearmotors, protection grade IP54, micro switch for gate opening arrest. Release system with key interchangeable within the CAME system (F1000) ideal for installation on gates with a gap of up to 380 mm between the hinge pin and the motor support.



FERNI

ATI series

EXTERNAL automatic system for hinged gates up to 5m in length

ATI series kits

- 927-0472 **ATI-S** 1 x ATI motor 230V AC, 1 x Control panel casing, 1 x Control panel PCB board, 1 x Tuned antenna, 1 x Frequency card, 1 x Pair of safety beams & 2 x remote controls
- 927-0473 **ATI-P** 2 x ATI motors 230V AC, 1 x Control panel casing, 1 x Control panel PCB board, 1 x Tuned antenna, 1 x Frequency card, 1 x Pair of safety beams & 2 x remote controls

SELF-LOCKING electromechanical gearmotors, protection grade IP54, extruded and die-cast aluminium body, adjustable support brackets, built in micro switch for gate opening arrest, release system with key interchangeable within the CAME system. Opening up to 130 degrees (for wings up to 5m in length).



ATI

For more product information & technical downloads, please visit www.gslelectricgates.co.uk

1 day training courses are available for all ADI Gardiner customers at CAME UNITED KINGDOM LTD head office NOTTINGHAM
Please contact Technical Sales Support for further information.

Automation kits for swing gates (continued)

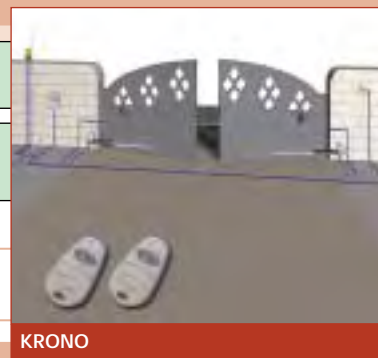
KRONO series

EXTERNAL automatic system for two-wing hinged gates with wings up to 1.8m each

SELF-LOCKING electromechanical gearmotors, protection grade IP54, extruded and die-cast aluminium body, adjustable support brackets, release system with key interchangeable within the CAME system.

KRONO series kit

927-0474 **KRONO** 2 x KRONO motors 230V AC, 1 x Control panel casing, 1 x Control panel PCB board, 1 x Tuned antenna, 1 x Frequency card, 1 x Pair of safety beams, 1 x remote control & 1 x Flashing in movement light



KRONO

FAST series

EXTERNAL automatic system with ARTICULATED arms for swing gates with wings up to 2.3m each

SELF-LOCKING electromechanical gearmotors, protection grade IP54, release system with key interchangeable within the CAME system

FAST series kit

928-0460 **FAST-P** 1 x F7000 operator with built-in control panel, 1 x F7001 operator 230V AC, 1 x Frequency card, 1 x remote control, 1 x antenna, 1 x pair of safety beams & 1 x flashing light

Please note that all automation kits for swing gates are 230V AC suitable for domestic use ONLY. For INTENSIVE use, please use 24V dc units. Please contact Technical Sales Support for further information

GARD series (Automation for barriers)

Please Note a delivery charge of £50 will be required to be paid on all deliveries of gate drive units, barriers & barrier arms.

Automatic road barriers

GARD series specifications

24V dc/300W SELF-LOCKING electromechanical gearmotors, protection grade IP54, built in control panel, adjustable balancing system. Frame galvanised sheet metal with RAL 2004 polyester enamel finish. Base plate and brackets for floor installation, release system with key interchangeable within the CAME system, 24V dc - 230V power supply. Connections for installation of selector switches, photoelectric cells, radio controls, flashing lights and standby batteries. Adjustable movement and approach speeds, connections for pre-opening and pre-closing flashing light, amperometric obstacle detection system in opening and closing.

The barrier units below consist of the relevant barrier unit, barrier arm, red phosphorescent stickers (24), 1 pair recessed safety photocells, 1x safety photocell column and delivery anywhere in the United Kingdom (delivery subject to carriage charges).



GARD6

GARD2500 kit for net widths of 2.5m
(Net width = barrier arm without accessories)

927-1278 **GARD2500** Barrier unit in galvanised and enamelled steel with RECTANGULAR arm. Minimum opening time of 4 - 5 seconds

Road barriers for net widths of up to 4m
(Net width = barrier arm without accessories)

927-1125 **GARD4S** 4m Barrier unit in galvanised and enamelled steel with RECTANGULAR arm. Minimum opening time of 4 - 5 seconds

927-1126 **GARD4T** 4m Barrier unit in galvanised and enamelled steel, with TUBULAR arm & holder. Minimum opening time of 4 - 5 seconds

Road barriers for net widths of 6.5m
(Net width = barrier arm without accessories)

927-0475 **GARD6S** Barrier unit in galvanised and enamelled steel with RECTANGULAR arm. Minimum opening time of 4 - 5 seconds

927-0476 **GARD6T** Barrier unit in galvanised and enamelled steel, with TUBULAR arm & holder. Minimum opening time of 4 - 5 seconds



GARD8

GARD8 for net widths up to 7.6m (Net width = barrier arm without accessories)

The barrier units below consist of the relevant barrier unit, ZL38 control panel, barrier arm, flashing light, reinforcement for barrier arm, photoelectric cell support bracket, the relevant balancing springs, fixed support for barrier, 1 pair of DIR10 safety photocells and delivery anywhere in the United Kingdom (delivery subject to carriage charges).

927-1331 **GARD8-4MKit+L** Barrier unit in zinc-plated and coated steel complete with built-in transformer and control board for roadways up to 4m. Comes complete with lights for barrier arm.

927-1332 **GARD8-6MKit+L** Barrier unit in zinc-plated and coated steel complete with built-in transformer and control board for roadways up to 6m. Comes complete with lights for barrier arm.

927-1127 **GARD8-8MKit+L** Barrier unit in zinc-plated and coated steel complete with built-in transformer and control board for roadways up to 8m. Comes complete with lights for barrier arm.



Automatic parking barrier accessories

928-0325	G0403 4m Red Bumper Strip for rectangular arms
928-0571	G0603 6m Red Bumper Strip for rectangular arms
927-1128	G8LIGHTPACK 8m Light pack for 8m arms. 16m Light strip
928-0570	G0460 6 x 24V Warning Lamps for rectangular arms
927-0915	G0461 Pack of red barrier arm stickers
927-0865	G0465 Barrier Skirt in 2m lengths
927-1129	G0467 Joint for rectangular arms
927-1130	G0468 Support for photocells
927-0914	G0462 Fixed support for barrier arms
927-0774	DOC-LN Aluminium column for DOC-I photoelectric cell, black enamel finish. Height 0.5m
928-0500	G0463 Moveable support for barrier arms
927-1131	LB35 Battery backup card for G6 & G4

Automation accessories

927-0860	T432NA 2 button 2 channel multi-user remote control handset
928-0386	T434NA 4 button 2 channel multi-user remote control handset
927-0624	T432S Miniature remote control handset. 433Mhz
927-0625	T432M Medium remote control handset. 433Mhz
927-0626	T434M Medium remote control 4 button handset. 433Mhz
927-0987	S9000 Wireless digital keypad
927-1133	TSP01 Proximity card reader
926-0626	TST01-50 50 Proximity cards
902-0075	S5001 9 Button illuminated digital keypad
928-0182	CGE Coin Operator - will only operate using GET2 tokens (926-0469)
926-0469	GET2 Token for Coin Operator
927-1135	SEM-2 Magnetic Key reader
927-0887	DOC-P Weatherproof pushbutton
927-0845	LOCK-81 Electric latch

Safety accessories

928-0221	DIR-10 Pair of DIR safety photocells
927-0628	DOC-I Modulated Infra-Red photoelectric cell without casing, 12-24V AC/dc, range 18m
927-0627	DOC-E Modulated Infra-Red photoelectric cell with casing for external installation, 12-24V AC/dc, range 18m
927-0774	DOC-LN Aluminium column for DOC-I photoelectric cell, black enamel finish. Height 0.5m
927-0773	SMA Induction loop pulse board
927-0772	INDCABLE Induction loop cable 50m
927-1134	KIARON 240V Flashing light

Garage Door Automation

927-0688	VER U4281-B Garage door kit consisting of: 1 motor unit (incorporates standard transmission arm & control panel), radio receiver, tuned antenna, remote transmitter and weather proof push button, inc belt transmission guide
927-0612	V201 Adaptor arm for VER U4281-B for overhead sprung garage doors

24V dc motor 500Nm force - Slow Start optional, slow stop/immediate stop, 2.5 minute courtesy light, Flashing light output, Connection for Safety beams, Low energy transformer. Auto reverse if garage door comes against a restriction, Easy programme control panel, 2 button remote controls. 2 piece silent running belt drive suitable for Canopy doors up to 2.4m tall. Retractable and sectional doors up to 2.25m tall, easily assembled.

Other products available from Came United Kingdom Ltd Include:

Chain Barriers
Individual parking slots automatic protection
Road Barriers for net width of up to 12m
Sliding door automation
Sliding gate automation systems
Swing door automation
Automation systems for industrial use: sliding, folding sectional and roller doors
Bollards and posts - Rising, Automatic, retractable, removable and fixed
Contact Technical Sales Support for more information



VER U4281-B

For more information about our products, please call +353 (0) 1450 1366



C.D.V. TRANSMITTERS & RECEIVERS



SENTRY & DIGITEQ

REMOTE CONTROL SYSTEMS

Code

Trade

C.D.V. (UK) Ltd (1 Year Warranty)

Transmitters

928-0621	TX26-E2 Two-channel Rolling code transmitter suitable for any C.D.V Rolling code receiver
928-0622	TX26-E4 Four-channel Rolling code transmitter suitable for any C.D.V Rolling code receiver
928-0623	TX26-TM Four-channel Rolling code transmitter Wall Mount suitable for any C.D.V Rolling code receiver
927-2005	TX26-E2M Two-channel master transmitter, rolling code
927-1942	TX-E2W Wiegand transmitter, site code included
928-1156	TX26-AM2-RED Two channel mini transmitter, rolling code, red
928-1049	TX26-AM2-BLACK Two channel mini transmitter, rolling code, black
928-1157	TX26-AM2-BLUE Two channel mini transmitter, rolling code, blue
927-1943	TX39-E2 Two channel transmitter, fixed code
927-1944	TX39-E4 Four channel transmitter, fixed code



A new range of hand-held transmitters, in a "flat" style with larger buttons than our traditional range. These are compatible with all C.D.V receivers.

927-1945	S5TR2641E2 Two channel transmitter, rolling code
927-1946	S5TR2641E4 Four channel transmitter, rolling code
927-1947	S5TR2641E2M Two channel master transmitter, rolling code
926-0641	S2TR2641E2HT Two-channel transmitter with integral HID proximity tag, supplied with site code & tag number labelled on the case

Receivers

A full range of standalone receivers, with various features. From our standard receiver with 2 relays, to a multi-channel receiver with mains switching, C.D.V. offer a receiver to cater for most requirements.

928-0624	RX26-433I Two-channel Rolling code receiver, 12 and 24V AC/dc input, 2 N/O relays, 85 transmitter capacity, standard antenna gives 1-100m range (line of sight)
928-0625	RX26-Z4 Four-channel Rolling code receiver 12 and 24V AC/dc input, 2 change over and 2 N/O relays, 85 user capacity standard antenna gives 1-100m range (line of sight)
927-1299	SELWR433 One-channel receiver, converts received transmitter signals to a wiegand 26 bit output, enabling the transmitters to be allocated unique "card numbers" in most access control systems
927-1948	RX26-Z1 External receiver, 1 channel, rolling code
927-1949	RX26-Z2 External receiver, 2 channel, rolling code
927-1952	RX26-433-C4P Power receiver, 12/24V AC/dc rolling code
927-1953	RX26-433-C4V Power receiver, 230V AC rolling code
927-1954	RX26-433-C4 Receiver, 4 channel, 12/24V AC/dc, rolling code
927-1955	RX39-433 Standard receiver, fixed code



T.P.S.(LOCKEY) (1 Year Warranty)

Sentry range (433.92MHz operates up to 100m)

Superior French Rolling Code Signal (28 Bit 1,048,576 combinations, unlimited number of transmitters per receiver).

927-0668	SEN/R/T1 Sentry 1 channel rolling code signal TRANSMITTER (Red back case)
927-0669	SEN/R/R1 Sentry 1 channel rolling code signal RECEIVER (Red back case)

High Security Code Hopping Signal (66 Bit over 260 million combinations) up to 8 transmitters can be used with each receiver.

927-0356	SEN/H/T1 Sentry 1 channel code hopping signal TRANSMITTER (Blue case)
927-0357	SEN/H/R1 Sentry 1 channel code hopping signal RECEIVER (Blue case)
927-0358	SEN/H/T3 Sentry 3 channel code hopping signal TRANSMITTER (Blue case)
927-0359	SEN/H/R3 Sentry 3 channel code hopping signal RECEIVER (Blue case)

Sentry & Digiteq remote control transmitters and receivers are manufactured to the highest standards having all necessary approvals. Designed to control and operate a multitude of applications such as doors, gates, barriers, alarms, lights, warden call, personal distress call, almost anything that requires a switch type device to activate it.

Digiteq long range (173.225MHz up to 1Km range (variable) & short range 433.92MHz up to 100m).

Note: The long & short range Digiteq receivers MUST be purchased with the appropriate antenna listed below.

927-0670	DIG/T DIGITEQ 1 channel pendant TRANSMITTER (waterproof)
927-0671	DIG/R DIGITEQ 2 channel RECEIVER short range, with 3rd as battery low indicator, maximum 8 transmitters per channel
927-0672	DIG/MR/LG/UK DIGITEQ 1 channel RECEIVER long range, RS232 port, up to 1000 transmitters can be used (pendant type)
927-0673	DIG/MR/SH/UK/EU DIGITEQ 1 channel RECEIVER short range, RS232 port, up to 1000 transmitters can be used (code hopping 1 channel type)
927-0674	DIG/ANT/SH DIGITEQ short range antenna (100m maximum)
927-0675	DIG/ANT/LG DIGITEQ long range dipole antenna (1Km maximum)

Infra Red Safety Beams

928-1123	SEN/INFRA/1 Sentry infra red safety beams, up to 15m range, 12-24V AC/dc
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EL412, EL413



EL580, EL582



ADAMS RITE 7113



ADAMS RITE 7101



ADAMS RITE 1391

ELECTRIC RELEASES, KEEPS AND STRIKES

Code

Trade

ELECTRIC LOCK KITS

ABLOY Electric Locks (2 Year Warranty)

The Abloy range of electric locks are supplied in kit format to provide the total locking solution to the door. All Abloy products on this page are either reversible for door handing or can be configured on site.

Abloy slimline electric lock kits to suit single or double action doors, 40mm case depth.

921-0270 **EL413-KIT1** 12V dc fail unlocked, supplied c/w strike plates, thumbturn and key override cylinder

921-0271 **EL412-KIT1** 12V dc fail locked, supplied c/w strike plates, thumbturn and key override cylinder

Electric lock kits to suit single action doors, 80mm case depth.

921-0272 **EL580-KIT-1** Solenoid lockcase c/w strike plate, lever handles and key override. 12/24V dc - External handle electrically controlled, internal handle free egress always

921-0273 **EL582-KIT-1** Solenoid lockcase c/w strike plate, lever handles and key override. 12/24V dc - External/Internal handles electrically controlled

ADAMS RITE (1 Year Warranty)

921-0057 **7100-310-628** Mortice latch release, 12V dc, fail secure, for metal doors, current consumption 332mA

921-0056 **7100-315-628** Mortice latch release, 12V dc, fail safe, for metal doors, current consumption 332mA

921-0055 **7113-310-652** Mortice latch release, 12V dc, fail secure, for timber doors, current consumption 332mA

921-0054 **7113-315-652** Mortice latch release, 12V dc, fail safe, for timber doors, current consumption 332mA

921-0387 **7101-310-628** Mortice latch release, 12V dc, fail secure, for metal doors with radius meeting style, current consumption 332mA

921-0522 **7101-315-628** Mortice latch release, 12V dc, fail safe, for metal doors with radius meeting style, current consumption 332mA

921-0481 **1391-1042** Mortice solenoid bolt, door status and lock sensor monitoring, 12V dc, fail safe, current consumption 900mA

921-0445 **1391-3042** Surface mount housing to suit 1391 solenoid bolt, brushed Stainless Steel finish

ADAMS RITE equipment for emergency escape doors (Conforms to EN 179; 1998 + A1: 2001)

928-0482 **4710-200** Deadlatch case 3 1/32" (24.6mm) backset to suit round screw in cylinder

928-0483 **4710-300** Deadlatch case 1 1/8" (28.6mm) backset to suit round screw in cylinder

928-0484 **24-4700-000-628** Flat faceplate to suit 4710 deadlatch

928-0485 **8460-01-630** Standard ramped jaw strike plate

928-0486 **8460-17-630** Ramped jaw strike to suit 100mm box section

928-0487 **4591-02-01-628** Push to left paddle handle to suit 47mm door stile

928-0488 **4591-04-01-628** Push to right paddle handle to suit 47mm door stile

ADAMS RITE 4710

Adams Rite latch, paddle handle and strike must be used to conform to the EN 179; 1998 + A1: 2001 standard

ADAMS RITE 4593 Latch Pull

The 4593 Latch Pull is a pull handle for narrow, medium and wide style aluminium doors that offers the flexibility of traffic control during and after business hours. It is suitable for hospitals, banks, apartments and other buildings which require free entrance at certain times of the day and controlled access or exit only at other times.

Features

- Two modes: latched but unlocked or locked after each use
- Compatible with 4710/4720 Deadlatches and 930/940 Series Exit Devices
- 3 painted finishes available: dark bronze, black and silver

921-0690 **4593E** Latch pull, Silver finish, current consumption 600mA@ 12V dc, 300mA @24V dc

Accessories

927-0489 **2X11-SC-A** Mortice screw in cylinder, 28.5mm overall length, satin finish, 2 keys supplied

928-0489 **4067-01-628** Thumbturn to suit 4710 deadlatch



ADAMS RITE 4591



4593E

To make a complete locking set for the above you need to include with 4710 lock case: a faceplate, a screw-in cylinder if external key override is required, and a suitable paddle handle. To work out what hand you require use the formula that if you are on the outside of the door, and the door is hinged on the right with the door opening inwards, then the correct hand is left handed. For outward opening doors, it's the reverse.

For more information about our products, please call +353 (0) 1450 1366



BELL SYSTEM 203



BELL SYSTEM 204

ELECTRIC RELEASES, KEEPS AND STRIKES (continued)

Code

Trade

3E Lock Accessory

927-0703 **3E2013-0** Universal lock guard plate

BELL SYSTEM (BSTL) (1 Year Warranty)

921-0006 **203** Rim release, 12V AC/dc, fail secure, 300kg holding force
 927-0030 **INV203** Conversion plate for rim release on outward opening doors
 921-0008 **204** Mortice release, 12V AC/dc, fail secure, 300kg holding force
 921-0007 **205** Universal delayed action release, 12V AC/dc, fail secure, 300kg holding force
 921-0001 **206** Universal release, 12V dc, fail safe (also available in 24V dc)
 921-0058 **209** Universal continuously rated release, 12V dc, fail secure (also available in 24V dc)
 921-0002 **210** Rim release, 12V AC/dc, fail secure, 300kg holding force, inc mortice conversion plate
 921-0061 **2208** Mortice release, heavy duty, fail secure, 12V dc, 500kg holding force
 921-0062 **2208M** As above - monitored
 921-0063 **2208F** Mortice release, heavy duty, fail safe, 12V dc, 500kg holding force
 921-0066 **MP** Mortice release plate for standard lock release
 927-0029 **321** Escutcheon plate for Union 2332 lock (anti pick plate)

BRITON (2 Year Warranty)

A comprehensive range of electric strikes to suit most rim locks and mortice latch/sash locks. Features include up to 1000kg side force resistance, 4mm lateral jaw adjustment as standard on G Range. Most strikes are available in 12 or 24 Volt AC or dc, extra deep jaw (19mm latch throw) options are available.

921-0583 **G12-AL81** Electric strike, rim fixed fail locked 12V AC
 921-0584 **G12-DL81** Electric strike, rim fixed fail locked 12V dc
 921-0585 **G12AL0181** Electric strike, rim or mortice fix, adjustable jaw, 12V AC
 921-0586 **G12AL01** Electric strike, mortice fix fail locked 12V AC
 921-0587 **G12DL01** Electric strike, mortice fix fail locked 12V dc
 921-0588 **G12DU01** Electric strike, mortice fix fail unlocked 12V dc
 921-0589 **G24DL01** Electric strike, mortice fix fail locked 24V dc
 921-0590 **G24DU01** Electric strike, mortice fix fail unlocked 24V dc
 921-0591 **G12DL01X** Electric strike, mortice fix fail locked, adjustable jaw 12V dc
 921-0592 **G12DU01X** Electric strike, mortice fix fail unlocked, adjustable jaw 12V dc
 921-0593 **G24DL01X** Electric strike, mortice fix fail locked, adjustable jaw 24V dc
 921-0594 **G24DU01X** Electric strike, mortice fix fail unlocked, adjustable jaw 24V dc
 921-0595 **G12DL05** Electric strike for sash locks, right hand, fail locked 12V dc
 921-0596 **G12DL07** Electric strike for sash locks, left hand, fail locked 12V dc
 921-0597 **G12DU24** Electric strike for sash locks, reversible, fail unlocked 12V dc
 921-0598 **S12DL01** Security range electric strike, mortice fix fail locked 12V dc
 921-0599 **S12DL01M** Security electric strike, mortice fix fail locked, monitored 12V dc
 921-0600 **S12DL01DM** Security electric strike, mortice fix fail locked, monitoring of both latch and keep position, 12V dc
 921-0601 **S12DU01** Security electric strike, mortice fix fail unlocked, 12V dc
 921-0602 **S12DU01M** Security electric strike, mortice fix fail unlocked, monitored 12V dc

C.D.V. (UK) Ltd

921-0266 **GAE** Universal release, 12V AC/dc, fail secure, current consumption 450mA AC & 110mA dc (3 year warranty)
 921-0173 **GAER** As above with an adjustable jaw (3 year warranty)
 921-0265 **GAE/I** Universal release, 12V dc, fail safe, current consumption 110mA (3 year warranty)
 921-0174 **GAER/I** As above with an adjustable jaw (3 year warranty)
 921-0180 **ARI** ANSI style (mortice) for metal/timber doors, fail safe, 12V dc, current consumption 390mA (GK342) (1 year warranty)
 921-0214 **ARU** ANSI style (mortice) for metal/timber doors, reversible fail safe or fail secure, 12V dc (1 year warranty)
 921-0213 **ARU-M** ANSI style (mortice) for metal/timber doors, monitored, reversible fail safe or fail secure, 12V dc (1 year warranty)
 921-0212 **ELU-25** Extension lip 25mm to suit ARU release

Electric Releases, Keeps & Strikes continued overleaf





913 SERIES



966 SERIES



984/957/942 DEAD BOLTS



TYPE 925

ELECTRIC RELEASES, KEEPS AND STRIKES (continued)

Code

Trade

CLARKE INSTRUMENTS

913 series (5 Year Warranty) (designed for mortice nightlatch locks, for timber frames)

921-0015	9131 Fail secure, 12V dc, 1500lbs holding force, current consumption 300mA
921-0027	9132 As above monitored
921-0016	9133 Fail safe, 12V dc, 1500lbs holding force, current consumption 300mA
921-0026	9134 As above monitored

Above are available in wrap around faceplates, Brass faceplates & rounded corners on faceplates with "lead-ins". Very high security versions of the 913 series are also available. The 913 range of releases can be configured by the installer either to be fail safe or fail secure in the event of a power failure

925A series (1 year Warranty) Rim latch releases to operate with the YALE PBS1 & PBS2 range (Inward opening doors only)

921-0571	9251A Fail secure, 12V dc, 1500lbs holding force, current consumption 300mA
921-0572	9253A Fail safe, 12V dc, 1500lbs holding force, current consumption 300mA

966 series (5 Year Warranty) (designed for metal box section & timber frames)

For Borough Council/Housing Associations

921-0163	9661FP16 Fail secure, 12V dc, 2200lbs holding force, current consumption 500mA
921-0165	9662FP16 As above monitored
921-0152	9663FP16 Fail safe, 12V dc, 2200lbs holding force, current consumption 300mA
921-0154	9664FP16 As above monitored

Above are available in different face plate sizes.

942 series (3 Year Warranty) (designed for mortice Deadbolt locks, for timber frames)

921-0156	9421 Fail secure, 12V dc, 2200lbs holding force, current consumption 300mA
921-0159	9422 As above monitored
921-0021	9423 Fail safe, 12V dc, 2200lbs holding force, current consumption 300mA
921-0161	9424 As above monitored

Solenoid Bolts (1 Year Warranty)

921-0162	795 Surface mounted, fail safe, 12V dc, medium duty, current consumption 550mA
921-0164	797 Mortice mounted, fail safe, 12V dc, medium duty, initial 1.2Amps, running 400mA
921-0166	797SMK Surface mounting kit for 797
921-0573	7151 Surface mounted on the door or frame, fail locked, 12V dc heavy duty solenoid lock with keep, current consumption 2 Amps
921-0574	7153 Surface mounted on the door or frame, fail safe, 12V dc heavy duty solenoid lock with keep, current consumption 2 Amps

External Electric Gate Locks

927-0586	5251 Fail secure 12V dc, medium duty lock for inward opening pedestrian gates, withstands 1.5 tonnes, current consumption 1.75 Amp. (These locks are handed)
927-0587	5253 As above Fail safe
927-0588	5231 Fail secure 12V dc, heavy duty lock for single inward opening vehicle gates, withstands 4 tonnes, current consumption 1.75 Amp
927-0589	5233 As above Fail safe
927-0590	5231D As 5231 but for Double gates. Electrically releases one leaf, manual drop bolt secures second leaf
927-0591	521 Motorised lock for double gates, 24V dc, complete with PSU & battery back up. Withstands 4 tonnes. (These locks are handed)

Clarke Instruments can supply and install barriers, turnstiles, gate drives etc. Please contact Technical Sales Support for details.



715 SURFACE MOUNTED SOLENOID BOLT



523 GATE LOCK



TYPE 523D

For more information about our products, please call +353 (0) 1450 1366

Code

Trade

EFF-EFF (5 Year Warranty)

921-0047	14/1AC Mortice latch release, 6-12V AC, fail secure, current consumption 100mA
921-0046	14EE/1 Mortice latch release, 12V dc, fail secure, current consumption 200mA
921-0045	14RR/1 As 14EE above, with C/O contacts
921-0211	17/6 (LH) Electric release for upvc doors, no seal breakage, fail secure, Left Handed, 12V dc current consumption 500mA
921-0036	17/6 (RH) Electric release for upvc doors, no seal breakage, fail secure, Right Handed, 12V dc current consumption 500mA
921-0575	LTS611EE-12DC Quiet operation strike, fail secure, adjustable minimum opening force, 12V dc current consumption 235mA, 24V also available
921-0576	LTS611RREE-12DC As above, monitored
921-0577	LTS631-12DC Quiet operation strike, fail safe, adjustable minimum opening force, 12V dc current consumption 235mA, 24V also available
921-0578	LTS631RR-12DC As above, monitored
921-0579	LTS621-12DC Quiet operation strike, fail secure, adjustable minimum opening force, hold open function, 12V dc current consumption 235mA, 24V also available
921-0044	34/1 Mortice latch release, 12V dc, fail safe, current consumption 200mA
921-0119	37/6 Electric release for plastic doors, fail safe, Left Hand, 12V dc
921-0116	71 Mortice latch release, for aluminium doors, 12V dc, fail secure
921-0115	70 Mortice latch release, ANSI style, medium duty/heavy duty, 12V dc, fail secure, current consumption 230mA
921-0113	75 Mortice latch release, ANSI style, medium duty, 12V dc, fail secure, with adjustable keep, current consumption 230mA
921-0114	75/37 As 75 above, fail safe
921-0396	76/54 Penta release long fail safe, 12 or 24V AC/dc. ANSI style, multifunction
921-0417	331RR-12DC-L High Security Electric Strike for escape applications 12V dc Left Hand
921-0418	331RR-12DC-R High Security Electric Strike for escape applications 12V dc Right Hand
921-0042	ISC Rim fixing case, for conversion to inward opening doors to suit models 14 and 34 (ISI)
921-0041	ISCO Rim fixing case, for conversion to outward opening doors to suit models 14 and 34 (ISO)



EFF-EFF 75

Above releases are available in 24V dc.
Specialised strikes for glass doors and gates are available,
please contact Technical Sales Support for further information.

EFF-EFF DOUBLE ACTION ELECTRICAL LOCK

Double action electric lock to meet the demanding prEN 13637 European Building Hardware standard, the new effeff 351RRAKRR lock, releases instantly and is ideal for the use on swing doors and fire routes. The specification will satisfy both building control and fire officers as it will operate under extreme side pressure in the event of an emergency but is also pressure resistant to intrusion. The body is made from precision cast steel, with the faceplate and strike being constructed from Stainless Steel.

921-0485	351RRAKRR Double action electric lock to meet prEN 13637
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TECHNIPHONE (1 Year Warranty)

921-0004	A1 Fail secure mortice release 12V AC
921-0139	A1D/C Fail secure mortice release 12V dc, continuously rated
921-0142	A95 Fail safe mortice release 12V dc
921-0144	A9524V Fail safe mortice release 24V dc
921-0003	A1R Fail secure rim release 12V AC
921-0120	A1RD/C Fail secure rim release 12V dc, continuously rated
921-0122	A95R Fail safe rim release 12V dc
921-0124	A95R24V Fail safe rim release 24V dc
921-0125	A11 Deep jaw fail secure 'ANSI' Style 12V AC release, suitable for low usage applications, 32mm x 174mm x 32mm (WxHxD)
921-0127	A11D/C Deep jaw fail secure 'ANSI' Style 12V dc, continuously rated
921-0134	A9R Sash lock release 12V AC, RIGHT HANDED fail secure UK version
921-0135	A9L Sash lock release 12V AC, LEFT HANDED fail secure UK version
921-0131	A21 Fail secure mortice release, adjustable jaw 12V AC
921-0132	A21DC Fail secure mortice release, adjustable jaw 12V dc, continuously rated
921-0133	A25 Fail safe mortice release, adjustable jaw 12V dc
921-0136	A1C Fail secure standard surface release, 12V AC
921-0137	A1CB Fail secure standard surface release, 12V AC, Brass
921-0253	CGRY Surface mounting rim case, grey finish
921-0254	CC Surface mounting rim case, Chrome finish
921-0256	OORC Outward opening rim case, grey finish

Electric Releases, Keeps & Strikes continued overleaf





EL 900 SERIES



ES150 SERIES



ES110 SERIES

ELECTRIC RELEASES, KEEPS AND STRIKES (continued)

Code

Trade

TRIMEC/ALPRO Electric locking

ALPRO EL 100 Series - ANSI style budget electric releases c/w long and short faceplates (1 Year Warranty)

- 921-0247 **EL101PTL** ALPRO mortice release, fail open, 12V dc c/w short aluminium and long S/S faceplates
 921-0248 **EL101PTO** ALPRO mortice release, fail closed, 12V dc c/w short aluminium and long S/S faceplates

ALPRO EL 900 Series - Reversible ANSI style Mid-Range electric releases (1 Year Warranty)



- 921-0763 **EL901** ALPRO mortice release, fail open, 12V dc c/w short & long S/S faceplates & 25mm Ext Lip
 921-0764 **EL902** ALPRO mortice release, fail closed, 12V dc c/w short & long S/S faceplates & 25mm Ext Lip
 921-0765 **EL901M** ALPRO mortice release, fail open, 12V dc c/w short & long S/S faceplates & 25mm Ext Lip - Monitored
 921-0766 **EL902M** ALPRO mortice release, fail closed, 12V dc c/w short & long S/S faceplates & 25mm Ext Lip - Monitored

The above releases are also available in 24V dc

TRIMEC ES150 Series - Reversible Rim (Nightlatch) Release. (5 Year Warranty)

- 921-0077 **TS151** Rim release for metal/timber frames, Fail open, 12V dc 243mA
 921-0422 **TS152** Rim release for metal/timber frames, Fail closed, 12V dc 243mA
 921-0423 **TS152-RM1 (AC)** Rim release for metal/timber frames, Fail closed, 12V AC 243mA. Includes RM1 Rectifier Module
 921-0274 **TS151WR** Rim release for metal/timber frames, 12V dc 243mA - Weather Resistant IP56 Rated

TRIMEC ES110 Series - Reversible Electric Releases. ANSI. (5 Year Warranty)

- 921-0013 **TS111AS** S/S mortice latch release, short face plate, for metal frames, Fail open, 12V dc 243mA
 921-0199 **TS112AS** S/S mortice latch release, short face plate, for metal frames, Fail closed, 12V dc 243mA
 921-0424 **TS112AS-RM1 (AC)** S/S mortice latch release, short face plate, for metal frames, Fail closed, 12V AC 243mA, Includes RM1 Rectifier Module
 921-0035 **TS111BS** S/S mortice latch release, long face plate, for timber frames, Fail open, 12V dc 243mA
 921-0425 **TS112BS** S/S mortice latch release, long face plate, for timber frames, Fail closed, 12V dc 243mA
 921-0426 **TS112BS-RM1 (AC)** S/S mortice latch release, long face plate, for timber frames, Fail closed, 12V AC 243mA, Includes RM1 Rectifier Module
 921-0275 **TS111AWR** S/S mortice latch release, short face plate, for metal frames, Fail open, 12V dc 243mA - Weather Resistant IP56 Rated
 921-0276 **TS111BWR** S/S mortice latch release, long face plate, for timber frames, Fail open, 12V dc 243mA - Weather Resistant IP56 Rated

Above releases can accept a 19.05mm latch bolt and are also available in 24V dc

Extension Lips, Rebate Plates, Sashlock faceplates & Spares for ES110 Series

- 921-0080 **EX1125** Extension Lip 25mm, fits pre-drilled TS111/113
 921-0081 **EX1150** Extension Lip 50mm, fits pre-drilled TS111/113
 921-0082 **TSS1113** Standard rebate plate for ES110 series, anodised aluminium for 13mm rebate
 921-0085 **TS110SLUKRH** S/S sashlock faceplate, UK version, for timber frames - **RIGHT HAND** (Stood outside, Hinged on Left Inward or Right outward)
 921-0277 **TS110SLUKLH** S/S sashlock faceplate, UK version, for timber frames - **LEFT HAND** (Stood outside, Hinged on Right Inward or Left outward)
 921-0087 **ES11P** Pin and Spring kit to suit all ES110 strikes except the Weather Resistant version (ES11PWR, are available)

A full range of faceplates and rebate plates are available in Polished Brass. Sashlock faceplates are also available for European style sashlocks.

TRIMEC ES3100 Series - High Security Reversible Release. ANSI (5 Year Warranty)

- 921-0088 **TS3101** Stainless Steel monitored, mortice latch release for metal/timber frames, Fail open 12V dc 175mA

All Trimec strikes are available in 24V dc. They will all accept AC when used with the RM1. Lipless options are also available. For pre drilled models to accept extension lips add " X " to the code plus £6.00 (example TS3101X /TS201X /TS2401X)

- 928-0524 **RM1** Rectifier Module, converts AC current to dc, with onboard switchable sounder. 12/24V AC, 1 Amp max. 54 x 20mm



ES3100 SERIES



ES110 ACCESSORIES



ES7001

For more information about our products, please call +353 (0) 1450 1366



ES240/2400 SERIES



EB1001 SERIES



TB25 & TB25KO



EMS-1200

ELECTRIC RELEASES, KEEPS AND STRIKES (continued)

Code

Trade

TRIMEC/ALPRO Electric locking (continued)

TRIMEC ES200/2000/240/2400 Series - High Security Reversible Releases, 3000lbs Holding Force (5 Year Warranty)

921-0017	TS201	Stainless Steel, mortice latch release, unmonitored for metal frames, Fail open, 12V dc 175mA
921-0092	TS2001	Stainless Steel, mortice latch release, monitored for metal frames, Fail open, 12V dc 175mA
921-0097	TS241	Stainless Steel, mortice latch release, unmonitored for timber frames, Fail open, 12V dc 175mA
921-0278	TS2401	Stainless Steel, mortice latch release, monitored, for timber frames, Fail open, 12V dc 175mA

TRIMEC ES3501 - High Security, Stainless Steel Wrap Around Face Plate, Reversible Release (5 Year Warranty)

921-0102	TS3501	Stainless Steel monitored, mortice latch release for metal/timber frames, Fail open, 12V dc 175mA
Above release can accept a 19.05mm latch bolt and is also available in 24V dc		

ALPRO EB1001 Solenoid Bolt, 34mm Wide Faceplate, 12V dc (1 Year Warranty)

921-0249	EB1001/34	Fail Open Solenoid bolt, 34mm wide faceplate, c/w door position and bolt sensor, 12V dc 1000mA
921-0250	EB1001SMK/34	Surface mount housing to suit EB1001/34 solenoid bolt

TRIMEC TB25 High Security S/S Deadlocking Bolt, 25mm Wide Faceplate, 2200lbs Holding Force (5 Year Warranty)

921-0106	TB25PT0	Fail closed, 12/24V dc, dual monitored, for metal/timber frames (JL25RPT0)
921-0053	TB25PTL	Fail open, 12/24V dc, dual monitored, for metal/timber frames (JL25RPTL)
921-0279	TB25KOPT0	Fail closed, 12/24V dc, dual monitored, for metal/timber frames. With Euro Profile Key Override (Cylinder Not Included)
921-0280	TB25KOPTL	Fail open, 12/24V dc, dual monitored, for metal/timber frames. With Euro Profile Key Override (Cylinder Not Included)
921-0107	TB25/SMH KIT	Surface mount kit, Stainless Steel (To suit non key override bolt) (TB25-SMK)
921-0427	TB25KO/SMH KIT	Surface mount kit, Stainless Steel (To suit key override bolt) (TB25KO-SMK)

TRIMEC ES701/7001 High Security Surface Mounted Electric Locks, 3000lbs Holding Force, (5 Year Warranty)

921-0428	ES701	Fail open, 12/24V dc, Suitable for final exit doors, combining high strength with high sideload release
921-0429	ES7001	Fail open, 12/24V dc, monitored. Suitable for final exit doors, combining high strength with high sideload release
The ES701 & ES7001 will release under a sideload pressure		

ALPRO EMS 1200 Compact Shear Lock 12/24V dc Monitored. 2650 lbs Holding Force (5 Year Warranty)

920-0052	EMS-1200M	Mortice Shear Lock, on board PCB control, 3m flying leads, fully monitored. Compact size 163 x 30 x 35mm
920-0053	EMS-1200S	Surface Shear Lock, on board PCB control, 3m flying leads, fully monitored. Compact size 230 x 51 x 51mm
927-1895	GDC-1200	Door clamp for frameless glass doors, Suitable for use with EMS-1200S To suit 10/12mm thick glass. 1, 2 & 6mm Filler Plates available to order

TRIMEC LOCK COMPATIBILITY CHART					
LOCK MANUFACTURER & MODEL	ES150 Series	ES110 Series	ES200/2000 Series	ES3100 Series	ES3500 Series
ADAMS RITE (MORTICE) - 4710, 4720, 4750		●	●	●	●
ASSA (MORTICE) - 3059, 3061, 3062, 8516, 8517, 8518, 8519, 8760, 8761, 8762, 8764		●	●	●	●
CHUBB (RIM) - 4L73, 4L74	●				
CHUBB (MORTICE) - 3R35		●	●	●	●
LEGGE (RIM) - 66, 707, 727	●				
LEGGE (MORTICE) - 8157N		●	●	●	●
UNION (RIM) - 1022, 1026, 1027, 1028, 1047, 1048	●				
UNION (MORTICE) - 2332, 2341, 2349, 2370, 2379		●	●	●	●
TRIMEC/IEC (MORTICE) - 4001, 4002, 4003, 4004		●	●	●	●
YALE (RIM) - 706, 77, 84, 85, 88, 89, ONE, TWO	●				
YALE (MORTICE) - 3600, 3610, 4103, 6025, 6070		●	●	●	●



C.D.V. (UK) Ltd (5 Year Warranty)

Multi Fix Mortice Magnet (500mA @ 12V dc, 250mA @ 24V dc, up to 600lbs holding force, 215 x 35 x 25mm (LxWxD))

919-0161 **P335ER** High quality Multi-Fix Mortice Magnet, monitored, 3 fixing methods

Accessories for Multi-Fix Mortice Magnet

919-0162 **AH35/1-1** Transom housing, 1 metre, 1 cut out919-0163 **AH35/2-2** Transom housing, 2 metre, 2 cut outs in the centre

Transom Magnets

919-0116 **M300** Sliding door or transom magnet, aluminium (10000) (630mA @ 12V dc, 313mA @ 24V dc, up to 300Kg holding force, 229 x 38 x 27mm (LxWxD))919-0117 **M300M** As above, with remote monitoring (10000R)919-0377 **M400** Sliding door or transom magnet, aluminium (630mA @ 12V dc, 315mA @ 24V dc, up to 400Kg holding force, 229 x 38 x 27mm (LxWxD))919-0378 **M400M** As above, with remote monitoring919-0379 **M500** Sliding door or transom magnet, Powder coated steel (630mA @ 12V dc, 315mA @ 24V dc, up to 400Kg holding force, 229 x 38 x 27mm (LxWxD))

Accessories for Transom Magnets

927-0408 **AH38/1** Transom housing, 1 metre, 1 cut out (AH1/1) (M300 series)927-0410 **AH38/2-2** Transom housing, 2 metre, 2 cut outs in the centre (ARCH-2/2C)927-1932 **AH50/2-2** 2 metre housing, 2 CENTRE cut outs (M500 series)

M300, M500

Profiled "PULL HANDLE" style housings

Retrofit housings

A 2 piece housing where the magnet is fitted into box section that is mounted on the fixed leaf or frame and the armature is fitted into the housing.

919-0151 **BOHRT-P335** 400mm housing including 1 x P335ER magnet (BOHRT)919-0153 **BO600RT-P335** 2.5 metre housing includes 2 x P335ER magnets (BO600RT)

Note: These housings as a special order can be anodised to any RAL colour and are also available with fitted keypads.

919-0154 **UBK-BO-600** Glass door fixing bracket to suit BO600-P335 & BO600RT-P335 - no adhesive required (UBK2.5M)

BO600

Micro Magnet Aluminium

919-0157 **S180** Standard mount, monitoredS180 micro magnet
630mA @ 12V dc, 313mA @ 24V dc, up to 180Kg holding force,
168 x 33 x 20mm (LxWxD)

Micro Magnets External Stainless Steel

919-0118 **ES180** Standard mountE180 micro magnet
30mA @ 12V dc, 313mA @ 24V dc, up to 180Kg holding force, 168
x 33 x 24mm (LxWxD)

Accessories for above micro magnets

927-0415 **180L** Bracket L for S180 micro magnet, not required for ES180927-0416 **180Z** Bracket Z for micro magnets927-0718 **180ZL** Bracket Z & L for S180 micro magnet

Aluminium Magnetic Lock Series

With health & safety and aesthetics very much in mind, CDV have re-worked their range of aluminium magnetic locks. Each model now includes two important new features: -

- The square cornered aluminium ends have been replaced by rounded polycarbonate ends, which have been designed to reduce the risk of serious injury.
- Each model is supplied with "security ropes". Vibration caused by doors slamming shut can loosen the magnets fixing bolts, eventually causing the magnet to fall. When fitted, the security ropes "catch" the magnet and prevent the magnet falling.

Mini Magnets (S300: 630mA @12V dc, 315mA @ 24V dc, up to 600lbs holding force, 253 x 46 x 27mm (LxWxD))

919-0109 **S300** Mini Magnet (10001)919-0111 **S300M** Mini Magnet - monitored (hall effect)(10002)919-0121 **S300DS** Mini Magnet, c/w door status reed switch (10001DS)919-0122 **S300MDS** Mini Magnet c/w door status reed switch & hall effect monitoring (10002DS)919-0123 **SD300** Double Mini Magnet (10004)919-0124 **SD300M** Double Mini Magnet - monitored (hall effect) (10005)

Mini+ Magnets (S400: 610mA @ 12v DC, 305mA @ 24v DC, up to 880lbs holding force, 250 x 41 x 27mm (LxWxD))

919-0308 **S400** Mini+ Magnet919-0309 **S400M** Mini+ Magnet, monitored (electronic reed)

Accessories for Mini Magnets

927-0386 **300L** Bracket L to suit mini magnet (GE100M)927-0387 **300/500Z** Universal Z bracket to suit 300 series & 500 series magnets927-0390 **300ZL** Bracket Z & L Kit to suit mini magnet (GE300M)927-1933 **300L-AC** Architectural L bracket for 300 series927-1934 **300Z-AC** Architectural Z bracket for 300 series927-0395 **300AS** Surface Armature housing to suit mini magnet (wooden doors) (GE-320M)927-0399 **UBKU** Universal U bracket for glass doors, for mini and standard armatures927-0398 **ADH-KIT** Adhesive for glass door armature housing (GDADH)927-1496 **DPM300** Door status retrofit kit for mini magnets

S SERIES



MAGNETIC BRACKETS & ACCESSORIES

RF-Magnet

919-0350 **RF-MAGNET-KIT1** Complete kit incorporating 1x S300 magnet, 1x RF-MAGNET-PCB & 2 x TX26-E2 transmitters. Requires 12V dc PSU.927-1656 **RF-MAGNET-PCB** Retrofit receiver PCB ONLY to fit to S300 or S500 magnets. Requires suitable transmitter928-0621 **TX26-E2** Two-channel Rolling code transmitter suitable for any C.D.V Rolling code receiver

FIXED TRANSMITTERS - The TX26-TM is a wall/desk mounted transmitter with 4 active buttons. It is ideal as an exit button for wireless systems. The DIGIKEY-433 is an RF keypad, with 20 user codes and a master programming code. It will transmit to any of our receivers, and has an integral battery for a complete wire-free system. LED and audible signals provide annunciation of data transmit and low battery.

928-0623 **TX26-TM** Four-channel Rolling code transmitter Wall Mount suitable for any C.D.V Rolling code receiver905-0054 **DIGIKEY-433** Radio keypad, 20 codes, IP44 rated

For more information about our products, please call +353 (0) 1450 1366

C.D.V. (UK) Ltd (5 Year Warranty) (continued)

Standard Magnets (S500: 610mA @ 12V dc, 305mA @ 24V dc, up to 1200lbs holding force, 265 x 66 x 41mm (LxWxD))

- 919-0110 **S500** Standard Magnet (10010)
 919-0126 **S500M** Standard Magnet - monitored (hall effect) (10020)
 919-0127 **S500M2** Standard Magnet - monitored, double pole, as above (10030)
 919-0128 **S500DS** Standard Magnet c/w door status reed switch (10010DS)
 919-0129 **S500MDS** Standard Magnet as above c/w door status reed switch & hall effect monitoring (10020DS)
 919-0108 **SD500** Double Standard Magnet, up to 1200lbs holding force both sides, (10060)
 919-0131 **SD500M** Double Standard Magnet - monitored (hall effect) (10040)
 919-0132 **SD500M2** Double Standard Magnet - double monitored (hall effect & reed) (10050)
 919-0248 **SD500MDS** Double Standard Magnet - monitored c/w door status reed switch

Accessories for Standard Magnets

- 927-0388 **500L** Bracket L to suit standard magnet (GE100S)
 927-0387 **300/500Z** Universal Z bracket to suit 300 series & 500 series magnets
 927-0391 **500ZL** Z and L Bracket Kit to suit standard magnet (GE-300S)
 927-0396 **500AS** Surface Armature housing to suit standard magnet (also glass door armature housing) (GE-320S)
 927-1936 **500L-AC** Architectural L bracket for 500 series
 927-1937 **500Z-AC** Architectural Z bracket for 500 series
 927-0398 **ADH-KIT** Adhesive for glass door armature housing (GDADH)
 927-1497 **DPM500** Door status retrofit kit for standard magnets



ES180, ES400, ES500

Surface External Magnets

The ES180, ES400 & ES500 have the following features as standard: -
 ● 12 or 24V dc selectable ● Face or Vertical fix ● Non-Handed ● Monitored ● Full Stainless Steel ● IP67 rated

- 919-0118 **ES180** Micro external magnet, 630mA @ 12V dc, 313mA @ 24V dc, 168 x 33 x 24mm (LxWxD), holding force 180Kg
 920-0033 **ES400** Midi external magnet, 630mA @ 12V dc, 313mA @ 24V dc, 230 x 43 x 30mm (LxWxD), holding force 400Kg
 920-0032 **ES500** External magnet, 630mA @ 12V dc, 313mA @ 24V dc, 270 x 80 x 60mm (LxWxD), holding force 500Kg

The ES500 series is also available in a range of different finishes.

Accessories for External Magnets

- 928-0609 **ESL-400** L Bracket for ES400
 928-0610 **ESL-500** L Bracket for ES500
 919-0177 **ES-Z** Z Bracket for ES400/500



EM SERIES EXTERNAL MAGNETS

Mortice External Magnets

The EM180, EM300 & EM500 have the following features as standard: -
 ● 12 or 24V dc selectable ● Face or Vertical fix ● Mortice mounted ● Monitored ● Full Stainless Steel ● IP67 rated

- 927-1939 **EM180** Micro external magnet, 630mA @ 12V dc, 313mA @ 24V dc, 206 x 32 x 24mm (LxWxD)
 927-1940 **EM300** Midi external magnet, 630mA @ 12V dc, 313mA @ 24V dc, 228 x 38 x 27mm (LxWxD)
 919-0300 **EM500** External magnet, 630mA @ 12V dc, 313mA @ 24V dc, 288 x 64 x 38mm (LxWxD)

Shearlocks

- 920-0014 **CSL-30** Shearlock, self-aligning, unmonitored, 30mm wide (630mA @ 12V dc, 313mA @ 24V dc, up to 1500Kg holding force, 230 x 30 x 38mm (LxWxD))
 928-0600 **CSL-30-H** Surface housing for CSL-30 (pair)
 920-0041 **SHL-1200** Shearlock, monitored, Eccentric lock pin, 268 x 30 x 35mm (LxWxD), 12-24V dc, up to 1500Kg holding force
 927-1295 **SHL-1200-H** Surface housing for SHL-1200 (pair)
 920-0011 **SL705** Shearlock, monitored, Eccentric lock pin, 268 x 35 x 35mm (LxWxD)
 Surface housings for all the above shearlocks are available.



CSL-30 & SHL-1200

Solenoid Bolt (DX200: 1100mA inrush falling to 140mA @ 12V dc, 200 x 27 x 42mm (LxWxD)) (SB262: 1800mA inrush falling to 190mA @ 12V dc, 262 x 35 x 35mm (LxWxD))

- 919-0259 **DX200** Solenoid bolt, 12V dc, fail safe with door status and lock outputs, anti-tamper bolt
 919-0260 **DX200H** Surface housing for solenoid bolt
 927-0374 **SB262** Solenoid bolt, fail safe
 927-0383 **SB262H** Surface housing for solenoid bolt

DX-4000 series solenoid bolts

- 919-0380 **DX-4025F** Fail secure with 25mm backset
 919-0381 **DX-4025IF** As above, fail safe
 919-0382 **DX-4030F** Fail secure with 30mm backset
 919-0383 **DX-4030IF** As above, fail safe
 919-0384 **DX-4035F** Fail secure with 35mm backset
 919-0385 **DX-4035IF** As above, fail safe

The DX-4000 Series of solenoid bolts are new high quality units with a host of features. These solenoid bolts are available as fail safe or fail secure, and include lock and door status monitoring. Available in a variety of backsets and the capability of accepting a Euro profile cylinder (euro cylinder not included).



DX200 & DX4025

Electric Locks - SDA Series

The SDA range of locks offer reliable locking of single and double action doors by means of a 2-way latch mechanism. Provision for a Euro Cylinder over-ride is standard (cylinder not supplied) and different backsets with the option of fail safe or fail secure making the SDA a very flexible locking solution. A full fixing kit is supplied with each lock.

- 921-0541 **SDA-25** Double action electric lock, 12V dc, monitored, fail secure, 25mm backset for euro cylinder
 921-0539 **SDA-25I** As above, fail safe
 921-0540 **SDA-30** Double action electric lock, 12V dc, monitored, fail secure, 30mm backset for euro cylinder
 921-0538 **SDA-30I** As above, fail safe
 921-0542 **SDA-35** Double action electric lock, 12V dc, monitored, fail secure, 35mm backset for euro cylinder
 921-0537 **SDA-35I** As above, fail safe



SDA SERIES



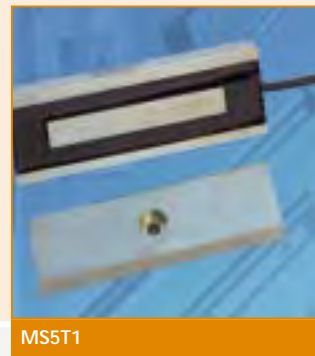
MS11 SERIES



MS15 SERIES



MS20 SERIES



MS5T1

ELECTROMAGNETIC LOCKS (continued)

Code

Trade

MAGNETIC SOLUTIONS (5 Year Warranty)

Cabinet Micro Magnet (500mA @ 12V dc, up to 100Kg holding force, 100 x 30 x 25mm (LxWxD))

919-0165 **MS5SSU** Micro magnet rear fixing 12V dc, surface mount

The above magnet is also available in 24V dc

Mini Magnet

919-0046 **MS10SSU** Mini magnet, side & face fixing, 12V dc, surface mount

MS11 Series

The new MS11 is a lower cost alternative to the MS20 by virtue of a lesser specification surface plating.



919-0462 **MS11SSU** SINGLE surface fitting slim magnet, 12/24V dc, unmonitored

919-0463 **MS11DSU** DOUBLE surface fitting slim magnet 12/24V dc, unmonitored

MS15 Series

919-0047 **MS15SSU** SINGLE surface fitting slim single magnet, 12/24V dc, unmonitored

919-0187 **MS15SSU-DS** SINGLE surface fitting slim single magnet, 12/24V dc, integral reed switch (indicating door open or closed)

919-0052 **MS15SSM** SINGLE surface fitting slim magnet, 12/24V dc, monitored (hall effect indicating locked or not locked)

927-1234 **MS15SSM-DS** SINGLE surface fitting slim magnet, 12/24V dc, monitored (hall effect indicating locked or not locked), integral reed switch (indicating door open or closed)

919-0096 **MS15DSU** DOUBLE surface fitting slim single magnet, 12/24V dc, unmonitored

919-0287 **MS15DSU-DS** DOUBLE surface fitting slim single magnet, 12/24V dc, integral reed switch (indicating door open or closed)

919-0097 **MS15DSM** DOUBLE surface fitting slim magnet, 12/24V dc, monitored (hall effect indicating locked or not locked)

919-0145 **MS15DSM-DS** DOUBLE surface fitting slim magnet, 12/24V dc, monitored (hall effect indicating locked or not locked), integral reed switch (indicating door open or closed)

MS20 Transom Series:- Door Status reed switch fitted as standard on all MS20 Unmonitored magnets

919-0039 **MS20SFU-DS** Flush fitting SINGLE magnet, 12/24V dc, unmonitored with door status

919-0038 **MS20SFM** As above, monitored (hall effect)

919-0045 **MS20SSU-DS-270** Surface fitting SINGLE magnet in a 270mm housing, 12/24V dc, unmonitored with door status

919-0044 **MS20SSM-270** As above, monitored (hall effect)

919-0043 **MS20SSU-DS-1M** Surface fitting SINGLE magnet in a 1m housing, 12/24V dc, unmonitored with door status

919-0040 **MS20SSM-1M** As above, monitored (hall effect)

919-0098 **MS20SSU-DS-2M** Surface fitting SINGLE magnet in a 2m housing, 12/24V dc, unmonitored with door status

919-0099 **MS20SSM-2M** As above, monitored (hall effect)

919-0048 **MS20DSU-DS-540** Surface fitting DOUBLE magnet in a 540mm housing, 12/24V dc, unmonitored with door status

919-0100 **MS20DSM-540** As above, monitored (hall effect)

919-0049 **MS20DSU-DS-2M** Surface fitting DOUBLE magnet in a 2m housing, 12/24V dc, unmonitored with door status

919-0103 **MS20DSM-2M** As above, monitored (hall effect)

919-0192 **MS20DSU-DS-2M-VERT** Vertical version of Double magnet in 2M housing. Magnets at top and bottom, 12/24V dc, unmonitored with door status

919-0310 **MS20DSM-2M-VERT** As above, monitored (hall effect)

MS11/MS15/MS20 Dimensions

MS11 Single 270 x 48 x 27

Double 520 x 48 x 27

MS15 Single 270 x 50 x 27

Double 520 x 50 x 27

MS20 Single 275 x 44 x 32

Double 540 x 44 x 32

Full width transom housings 1M & 2M

Accessories for MS5, MS10, MS11, MS15 & MS20 Series

919-0373 **MS5T1** Side fixing bracket for MS5

927-0207 **MS101520Z** Bracket Z for inward opening doors for MS10, MS15 & MS20



927-2421 **MS11L1** Bracket L for SINGLE MS11 (inward opening doors)

927-0322 **MS15L1** Bracket L for SINGLE MS15 (inward opening doors)

927-0208 **MS20L1** Bracket L for SINGLE MS20 (inward opening doors)

927-0216 **MS101520T1** Adjustable bracket, 270mm long (outward opening doors) for MS10, MS15 & MS20 SINGLE magnets

927-0305 **MS101520T2** DOUBLE adjustable transom bracket, 540mm long (outward opening doors) for MS10, MS15 & MS20 DOUBLE magnets



927-2422 **MS11L2** DOUBLE L bracket (inward opening doors) to suit MS11 DOUBLE magnet

927-0304 **MS15L2** DOUBLE L bracket (inward opening doors) to suit MS15 DOUBLE magnet

927-0349 **MS20L2** DOUBLE L bracket (inward opening doors) to suit MS20 DOUBLE magnet

927-0318 **MS101520ZC** Cover for the Z Bracket (brushed anodised aluminium)

927-0320 **MS101520TC1** Cover for transom bracket (brushed anodised aluminium)

919-0372 **MS5AMTPL** Armature mounting plate, surface for MS5 outward opening only

927-0212 **MS101520AMTPL** Armature mounting plate, surface for MS10, MS15 & MS20 outward opening only

927-0213 **MS101520ARHSG** Bevelled edged surface, armature housing for MS10, MS15 & MS20

927-0309 **MS101520AFHSG** Flush fixing armature housing for MS10, MS15 & MS20

927-0323 **MS15RL1** Rear L bracket for centre hung aluminium doors

927-0308 **MS101520TC2** DOUBLE cover (brushed anodised aluminium)

927-0310 **MS15RL2** DOUBLE rear L bracket for centre hung aluminium doors

927-1240 **MS20T1-1M** SINGLE adjustable transom bracket 1M long (outward opening doors) for MS20 SINGLE 1M transom housing

917-0492 **MS20T2-2M** DOUBLE adjustable transom bracket 2M long (outward opening doors) for MS20 DOUBLE Horizontal transom housing

MS11, MS15, MS20 Details

Performance Details for the Slimline Magnet ranges MS11, MS15, MS20

Current consumption @12V dc = 250 mA & @24V dc = 500mA

Holding force per door up to 270 kgs (600lb) for the MS11 & up to 300kgs (660lb) for the MS15 & MS20

For more information about our products, please call +353 (0) 1450 1366



ACCESSORIES



MS30 SERIES



WEATHERPROOF SERIES



MS41 SERIES

ELECTROMAGNETIC LOCKS (continued)

Code

Trade

MAGNETIC SOLUTIONS (5 Year Warranty) (continued)

MS30 Maxi Series

919-0042	MS30SSU SINGLE surface fitting single magnet, 12/24V dc, unmonitored
919-0311	MS30SSU-DS SINGLE surface fitting single magnet, 12/24V dc, unmonitored with door status
919-0051	MS30SSM SINGLE surface fitting single magnet, 12/24V dc, monitored
919-0146	MS30SSM-DS SINGLE surface fitting single magnet, 12/24V dc, monitored with door status
To fit either of the single magnets into a universal 1 metre transom housing - suffix code as -1M i.e. MS30SSU - 1M	
919-0041	MS30DSU DOUBLE surface fitting single magnet, 12/24V dc, unmonitored
919-0289	MS30DSU-DS DOUBLE surface fitting single magnet, 12/24V dc, unmonitored with door status
919-0104	MS30DSM DOUBLE surface fitting single magnet, 12/24V dc, monitored
919-0147	MS30DSM-DS DOUBLE surface fitting single magnet, 12/24V dc, monitored with door status
To fit either of the double magnets into a universal 2 metre transom housing - suffix code as -2M i.e. MS30DSU - 2M	

Above available in different finishes, Please contact Technical Sales Support for further information.

Accessories for MS30 Series

927-0209	MS30Z Bracket Z (inward opening doors)
927-0210	MS30L1 Bracket L for SINGLE MS30 (inward opening doors)
927-0325	MS30L2 DOUBLE L bracket (inward opening doors) for MS30 DOUBLE magnets
927-0215	MS30T1 Adjustable SINGLE L bracket for MS30 (outward opening doors)
927-0326	MS30T2 Adjustable DOUBLE L bracket (outward opening doors) for MS30 DOUBLE magnets
927-0319	MS30ZC Cover for Z bracket (brushed anodised aluminium)
927-0321	MS30TC1 Cover for the Transom bracket (brushed anodised aluminium)
927-0324	MS30EP1 Extended mounting plate to give forward fixing points for SINGLE MS30
927-0328	MS30TC2 DOUBLE transom cover (brushed anodised aluminium)
927-0327	MS30EP2 Extended mounting plate to give forward fixing points for DOUBLE MS30
927-0211	MS30AMTPL Armature mounting plate
927-0313	MS30ARHSG Bevelled edged surface armature housing plate
927-0314	MS30AFHSG Flush fixing armature housing plate
927-0316	MSPENLOC Adhesive kit for glass doors

Performance Details for the Maxi Magnet Range:

MS30
Current consumption
@ 12V dc = 250 mA
@ 24V dc = 500 mA
Holding force up to 600 Kgs or 1300 lbs per door

MS30 Dimensions

Dimensions in mm (LxWxD)

MS30
Single 266 x 67 x 41

Double 533 x 67 x 41

MS30

External 202 x 70 x 40

Transom Housings: 1M & 2M

Weatherproof Electromagnetic Locks

919-0056	MS20WPU Weatherproof slimline magnet in a Stainless Steel housing, cable gland, 3m 3 core cable, unmonitored (Gate Lock)
919-0037	MS30WPU Weatherproof magnet in a Stainless Steel housing, cable gland, 3m 3 core cable, unmonitored (Gate Lock)
919-0036	MS30WPM As above, monitored (hall effect)

The cable exit on the above magnets are from one end as standard. However they are available with a cable exit from the rear. Please contact our Technical Sales Support department for further information.

Electromagnetic Shearlocks

MS40 Shearlock Series

920-0008	MS40SFM/30 MORTICE fixing magnet and armature, door position switch, monitored 12/24V dc
919-0155	MS40SFM/25 As per MS40SFM with a 25mm wide body
920-0009	MS40SSM SURFACE fixing magnet and armature, monitored, for metal/timber frames 12/24V dc
927-0315	MS40GFKIT Glass fixing kit (per surface housing) to suit 10 or 12mm APG doors
927-0316	MSPENLOC Adhesive to attach mounting plate to glass door (one per door required)
Above are available in different formats inc Shearlock to install vertically	

Performance Details for the Shearlock Range:

MS41
Supply Voltage anywhere between 12V and 24V dc
Current consumption = 1.5A for 2 sec. then reducing to 450 mA continuous hold.
Shear force of up to 1,000 Kg per door

MS41 Dimensions

Dimensions in mm (LxWxD)

Mortice Type 163 x 30 x 25

Surface Type 200 x 38 x 38

MS41 Shearlock Series

920-0006	MS41SFM MORTICE fixing magnet and armature, door position switch, monitored, 12/24V dc
920-0007	MS41SSM SURFACE fixing magnet and armature, monitored, for metal/timber frames, 12/24V dc
920-0015	MS41DSM SURFACE fixing DOUBLE shearlock, 12/24V dc
919-0105	MS41SFCSAM A mixture of the above two, i.e. FLUSH magnet & SURFACE armature
927-0317	MS41GFKIT Glass fixing kit, requires MSPENLOC (one per housing i.e. 2 required with MS41SSM)
927-0316	MSPENLOC Adhesive to attach mounting plate to glass door (one per door required)

Solenoid bolt

921-0050	SLB120A SURFACE mount, solenoid bolt, monitored, fail safe, 12V dc
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Single Cylinder - Euro Profile



Double Cylinder - Oval Profile



Cylinder & Turn - Euro Profile



Mortice Cylinder

MASTERKEYED CYLINDER SYSTEMS

Code

Trade

Ingersoll Rand Security Technologies - Schlage Primus S+ (1 Year Warranty)

A Masterkeyed cylinder system is made up of cylinders which can include different cylinder types and profiles. The pictures above show the most popular types and profiles. If an existing lockcase is being used then first check what profile of cylinder is required. A masterkeyed system normally has a masterkey(s) which can gain access through all cylinders. Individual differ keys are supplied which can only operate a specific cylinder. Selecting the correct cylinder length is important not only for appearance, but also ensuring that the cylinder is flush with its surrounding hardware. This helps to increase security by reducing the amount of leverage that can be exerted on the cylinder end with a wrench. The cylinder length is calculated by adding the cross-sectional width of the door to any trim or hardware that surrounds the cylinder on each side of the door. Cylinders can then be selected depending on the following requirements:

Single Cylinder - key enters in one end only. A cam is fitted at the opposite end which turns on activation by the key. This cam will inturn rotate within the lockcase operating the latch or the bolt.

Double Cylinder - as per the single cylinder but accepts a key at both ends. The cam is located at the centre of the cylinder body.

Cylinder & Turn - as per the double cylinder but accepts a key at only one end. The opposite end is fitted with a knob turn which in turn would normally be fitted on the inside leaf of the door. The cam is located at the centre of the cylinder body.

Rim Cylinder - has a flat tail which operates the locking mechanism. The tail can be cut to suit different door thicknesses.

Rim Mortice Cylinder - is threaded and can be adjusted in and out to suit different door thicknesses before being locked into position normally with a retaining screw.

Restricted cylinder systems are exclusive to ADI Gardiner. The keys cannot be copied or reproduced by others. Cylinder prices shown come complete with two keys, prices indicated are for either a stock or bespoke masterkeyed cylinder system.

Masterkey Selection:- use the following procedure for selecting and specifying a Masterkey System

1. Identify the doors that require cylinders to be fitted
2. Select the cylinder profile for the door - the cylinder profile needs to match the profile of the lockcase it is to be fitted into ie Euro, Oval, Mortice
3. Select the cylinder type from the end users requirements - If the door is to be operated by a key from one side only select a single cylinder, if the door is to be operated by a key from both sides select a double cylinder, if the door is to be operated by a key on one side and a turn on the other select a cylinder & turn etc...
4. Select the cylinder length by adding the thickness of the door to any hardware on the door that the cylinder passes through (this may be trim or cylinder escutcheons).
5. Specify the number of keys required for each cylinder, these are known as differ keys
6. Specify the number of keys that are required to pass all cylinders - these are known as master keys

Note: Dimensions detail the cylinder lengths from end to end.

On some doors, if the lock is not fitted centrally, you will require an offset cylinder. Please contact Technical Sales Support for further information.

927-1348	OKC3030T Oval single & turn 60mm six pin security cylinder
927-1349	OKC3535T Oval single & turn 70mm six pin security cylinder
927-1350	ODC3030 Oval double & turn 60mm six pin security cylinder
927-1351	ODC3535 Oval double & turn 70mm six pin security cylinder
927-1352	OSC40 Oval single 40mm six pin security cylinder
927-1353	OSC45 Oval single 45mm six pin security cylinder
927-1354	EKC3030T Euro single & turn 60mm six pin security cylinder
927-1355	E35T Euro single & turn 70mm six pin security cylinder
927-1357	EDC3030 Euro double & turn 60mm six pin security cylinder
927-1358	EDC3535 Euro double & turn 70mm six pin security cylinder
927-1359	ESC40 Euro single 40mm six pin security cylinder
927-1360	ESC45 Euro single 45mm six pin security cylinder
927-1361	RC Rim cylinder
927-1362	RMC Rim mortice cylinder

Note: A site survey form MUST be filled in prior to any orders being placed with ADI-GARDINER.
Please contact Technical Sales Support for further information.

HOTEL LOCKING SYSTEMS

Ingersoll Rand Security Technologies - CISA Wavemode (1 Year Warranty)

Cisa Wavemode is the revolutionary new design in hotel and accommodation locking solutions. For the first time, the design takes into account the overall aesthetics of the door and offers a separate reader and lockset that combine internally to give a stunning and fresh look to this system. Wavemode offers contactless proximity card operation which ensures that the cards cannot be copied or cloned helping to reduce fraud while increasing room security. The Wavemode system is extremely durable to wear resistance and vandalism compared with traditional magstripe technology locksets and provides a longer life of maintenance free operation.

Wavemode is designed to be fitted into existing or new doors and can cope with up to 300 doors on a single site. Each lock is battery operated and has an on board audit log for the last 500 events.

System specification is made easy by selecting an appropriate number of locks to suit the number of doors, card encoding unit, hand held interrogator, software (if required), an appropriate number of proximity cards, installation (if required) and commissioning.

NEW	909-0505	CSWAVE Cisa Wavemode proximity smartcard lockset c/w batteries, satin chrome finish
NEW	928-1323	CSWAVEENC Cisa Wavemode proximity card encoder unit
NEW	928-1324	CSWAVEHHI Cisa Wavemode hand held interrogator unit
NEW	926-0807	CSWAVEPROX100 Cisa Wavemode linen style proximity cards (pack of 100)
NEW	925-0345	CSWAVEWARE Cisa Wavemode access control software (allows PC control of card issuing)
NEW	928-1325	CSWAVECOM Cisa Wavemode system commissioning (up to 300 doors, carried out by CISA)
NEW	904-0804	CSWAVEPROXRDR Cisa Wavemode stand alone proximity lock and control unit for hard wire installation
NEW	928-1326	CSWAVEINST Cisa Wavemode lock installation if required, carried out by CISA, price per door (subject to survey)

Note - Alternative finishes and suiting are available for the locksets, please contact Technical Sales Support for further details.
For more information about our products, please call +353 (0) 1450 1366

Yale rim nightlatches, 2 keys supplied with each lock

927-0562	84-SC Narrow style, grey case and Satin cylinder
927-0563	84-PL Narrow Style, grey case and Brass cylinder
927-0566	88-SC Standard style, grey case and Satin cylinder
927-0364	88-PL Standard style, grey case and Brass cylinder
927-1905	85-SC Narrow Style, Double Locking, Satin Cylinder, Grey Case
927-1906	85-PB Narrow Style, Double Locking, Grey Case, Brass Cylinder
927-1907	89-SC Standard style, grey case, Satin cylinder, 60mm backset
927-1908	89-PB Standard style, grey case, Brass cylinder, 60mm backset
927-1909	77-PB Standard style, ENB finish, Brass cylinder, 60mm backset
927-1910	PBS1-PB High security, British Standard, standard style, Brass case, Brass Cylinder, auto deadlocking, 60mm backset
927-1911	PBS2-PB As above, 40mm backset
927-1912	1109-SC Replacement Satin cylinder for above nightlatches
927-1913	1109-PB As above, brass

Yale mortice nightlatch to suit timber doors

The following mortice Nightlatch is supplied as "case only", meaning that a key cylinder and lever handle may be required.

927-0558	3600-75-SC Deadlocking Nightlatch, 75mm case size, latch holdback facility, Satin forend
Note: the above is also available in a Brass finish	

Union mortice nightlatches to suit timber doors

Unless stated, the following mortice nightlatches are supplied as "case only", meaning that a key cylinder and lever handle may be required.

927-0503	J2332-SC-2.5-A Nightlatch, 63mm case size, supplied with cylinder and thumbturn, Satin forend
927-0511	L2341-SC-3.0 Deadlocking Nightlatch, 75mm case size, oval profile, Satin forend
927-0513	L2349-SC-3.0 Deadlocking Nightlatch, 75mm case size, euro profile, Satin forend

Note: the above is also available in a Brass finish





Chubb heavy duty, high security nightlatches to suit timber doors, 2 keys supplied with each lock

Please note that the following nightlatches may require specialist lever handles to suit application.

927-0572	3R35-LH-SC Deadlocking Nightlatch, 80mm case size, Satin forend, left hand
927-0377	3R35-RH-SC Deadlocking Nightlatch, 80mm case size, Satin forend, right hand

Chubb heavy duty, high security, 5 lever deadlocks to suit timber doors

Locks conform to BS3621:2004, 2 keys supplied with each lock

	927-2495	3G114E-67-SC Lever deadlock, 67mm case size, Satin forend
	927-2496	3G114E-80-SC Lever deadlock, 80mm case size, Satin forend
	927-2494	3G110-SC-73 heavy duty, high security detainer deadlock, 73mm case size, Satin forend
	927-2493	3G110R-SC-13 Rebate kit to suit Chubb 3G110 mortice deadlock, 1/2", satin chrome

Alpro mortice deadlatch cases to suit narrow metal doors

Please note that these locks require a cylinder and thumbturn, lever handle or paddle handle (Euro requires a cylinder & turn)

927-0444	5245101 Deadlatch case to suit screw in cylinder, 1.1/8" backset, (RH, reversible) no faceplate
927-1333	5245703 Deadlatch case to suit Euro cylinder, 30mm backset, (RH, reversible) no faceplate
927-1334	52FP4511 Flat Faceplate to suit above Deadlatches SAA

Alpro accessories to suit metal doors

927-1335	5228 Round Mortice Cylinder to suit IEC Alpro 5245101 Deadlatch cases SAA
927-0446	5230 Thumbturn to suit IEC Alpro 5245101 Deadlatch cases SAA
927-1336	5245601 Lever Handle and cam plug to suit IEC Alpro 5245101 Deadlatch cases (RH, reversible) SAA
927-0447	524598 Paddle handle to suit IEC Alpro 5245101 Deadlatch cases (RH Push, reversible) SAA
927-1337	5218 Euro Profile Cylinder & Thumbturn 60mm overall length to suit IEC Alpro Deadlatch Case 5245703, Chrome



IEC ALPRO

Union cylinders to suit mortice nightlatches

927-0493	2X28-SC-AA Euro profile cylinder & thumbturn, 64mm overall length, Satin finish, 2 keys supplied
927-0495	2X20-SC-A Euro profile single cylinder, 40mm overall length, Satin finish, 2 keys supplied
927-0497	2X8-SC-A Oval profile single cylinder, 40mm overall length, Satin finish, 2 keys supplied
927-0501	2X13-SC-AA Oval profile cylinder & thumbturn, 64mm overall length, Satin finish, 2 keys supplied
Note: Brass cylinders also available, cylinders can also be supplied suited (keyed alike and master keyed)	

Rebate components to suit mortice locks and latches

927-0538	2992-13-SC Rebate kit to suit Union 2332 mortice nightlatch, 1/2", Satin chrome
927-0542	2942-13-SC Rebate kit to suit Union 2341 & 2349 mortice nightlatches, 1/2", Satin chrome
927-0550	3G114R-13-SC Rebate kit to suit Chubb 3G114 deadlock, 1/2", Satin chrome

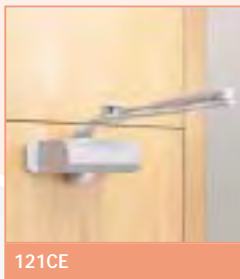
Note: Rebate components are also available in Brass & (1") 25mm

Door Co-ordinators

The SEL range of door co-ordinators control the closing of rebated double doors. They are designed to prevent the wrong leaf closing first, and will hold the second leaf ajar until the first leaf has closed. These units are cost effective and simple to install. Door closers are still required to provide the mechanical closing action.

927-1976	SEL-NICK Door co-ordinator, Nickel finish
927-1977	SEL-NOIR Door co-ordinator, Black finish
927-1978	SEL-INOX Door co-ordinator, Stainless Steel finish





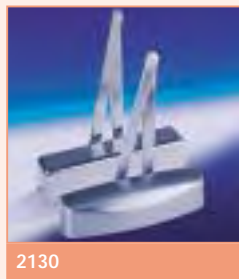
121CE



1110



2003



2130



996

DOOR CLOSERS & OPERATORS

Code

Ingersoll Rand Security Technologies - BRITON (10 Year Warranty)

CE Marking: Although not mandatory in the UK, Briton Door Controls strongly recommend the use of CE marked door closers in commercial applications. The Briton Door Controls listed have successfully achieved the relevant EN standard, and have been tested to EN1634-1 for fire resistance.

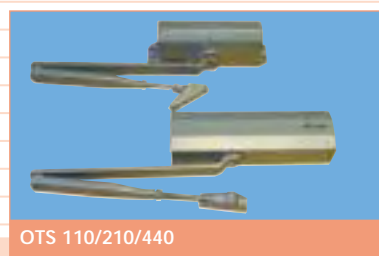
Recommended door size limits (application 1 & 61)		
Closer Size	Max Door Width	Max Door Weight
3	930mm	60Kg
4	1030mm	80Kg
5	1130mm	110Kg
Recommended door size limits (application 66)		
Closer Size	Max Door Width	Max Door Weight
3	830mm	45Kg
4	930mm	60Kg
5	1030mm	80Kg

Trade

- 927-1312 **121CE-SES** Budget Size 3 Door closer with adjustable latching and speed controls - CE Compliant - Silver
- 927-1314 **1110-SES** Adjustable power trim plate size 2-4 Door closer with adjustable latching and speed controls - CE Compliant - Silver
- 927-1315 **1110-GES** As above, Gold
- 927-0298 **2003E-SES** Medium duty door Size 3 Door Closer with adjustable latching and speed controls - full metal screw fixed cover- CE Compliant - Silver
- 927-1316 **2130-B-C-SES** Heavy duty Size 2-6 Door Closer with adjustable backcheck, latching and speed controls - full metal screw fixed cover - CE Compliant - Silver

BRITON 996 electromagnetic door closers (10 Year Warranty Mechanical, 2 Year Warranty Electrical)

- 927-0368 **996-1-3** Briton 996 electromagnetic door closer c/w electromagnetic hold open device, application 1 (DOOR MOUNTED, PULL FIX), size 3, 24V, silver finish
- 928-0125 **996-1-4** As above size 4
- 928-0126 **996-1-5** As above size 5
- 928-0127 **996-61-3** As above but application 61 (FRAME MOUNTED PULL FIX), size 3
- 928-0128 **996-61-4** As above size 4
- 928-0129 **996-61-5** As above size 5
- 928-0130 **996-66-3** As above but application 66 (DOOR MOUNTED PUSH FIX), size 3
- 928-0131 **996-66-4** As above size 4
- 928-0132 **996-66-5** As above size 5



OTS 110/210/440

C.D.V. (UK) Ltd (1 Year Warranty)

- 928-0618 **OTS-100** To suit internal doors up to 950mm wide, size 2-4, adjustable closing and latching speed
- 928-0619 **OTS-210** To suit internal doors up to 950mm wide, suitable for fire doors up to FD60 size 1-3, adjustable closing and latching speed
- 928-0620 **OTS-440** To suit Heavy traffic internal doors up to 1400mm wide, suitable for fire doors rated up to FD60, size 2-5 adjustable closing and latching speed

DORMA (2 Year Warranty)

The DORMA range of door closers and door control devices compliment our access control range as all doors within an access control situation will need to be self closing otherwise the security of the system is compromised. Manufactured in accordance to BS-EN1154 and CERTIFIRE standards. BS-EN1154 states that a size 3 door closer is the minimum requirement for installation to a 30 minute rated fire door. CERTIFIRE is a third party fire test for door closers relating to safety in fire and safety in use. This standard is becoming increasingly specified as a requirement when fitting a closer to new doorsets.

Electromagnetic door closers

(To suit internal fire doors, will the door open at between 75 and 180 degrees or allow the door to free-swing)

- 927-0611 **TS73EMF-EN4-PL-S** EN4 PULL FIX, SILVER finish c/w STANDARD ARM & door loop. For doors up to 1100mm wide
- 927-2465 **TS73EMF-EN5-PL-S** EN5 PULL FIX, SILVER finish c/w STANDARD ARM & door loop. For doors up to 1250mm wide
- 927-2466 **TS73EMF-EN6-PL-S** EN6 PULL FIX, SILVER finish c/w STANDARD ARM & door loop. For doors up to 1400mm wide
- 928-0116 **TS73EMF-EN4-PS-S** EN4 PUSH FIX, SILVER finish, c/w STANDARD ARM. For doors up to 1100mm wide
- 927-2467 **TS73EMF-EN5-PS-S** EN5 PUSH FIX, SILVER finish, c/w STANDARD ARM. For doors up to 1250mm wide
- 927-2468 **TS73EMF-EN6-PS-S** EN6 PUSH FIX, SILVER finish, c/w STANDARD ARM. For doors up to 1400mm wide



TS73EMF

Electromagnetic door closers

(To suit internal fire doors, which will allow the door to freeswing between zero and the doors maximum opening degrees)

- 927-2469 **TS73EMF-EN4-PL-FS** EN4 PULL FIX, SILVER finish c/w FREESWING ARM & door loop. For doors up to 1100mm wide
- 927-2470 **TS73EMF-EN5-PL-FS** EN5 PULL FIX, SILVER finish c/w FREESWING ARM & door loop. For doors up to 1250mm wide
- 927-2471 **TS73EMF-EN6-PL-FS** EN6 PULL FIX, SILVER finish c/w FREESWING ARM & door loop. For doors up to 1400mm wide
- 927-2472 **TS73EMF-EN4-PS-FS** EN4 PUSH FIX, SILVER finish, c/w FREESWING ARM. For doors up to 1100mm wide
- 927-2473 **TS73EMF-EN5-PS-FS** EN5 PUSH FIX, SILVER finish, c/w FREESWING ARM. For doors up to 1250mm wide
- 927-2474 **TS73EMF-EN6-PS-FS** EN6 PUSH FIX, SILVER finish, c/w FREESWING ARM. For doors up to 1400mm wide

Note - DORMA recommend that manual release of their closers when held open is achieved using an independent switch.

EN Description

EN strength equates to the manufacturer width of the door.

The recommended sizes of doors are:-

EN4 = 1100mm

EN5 = 1250mm

EN6 = 1400mm

Note: for applications involving particularly high or heavy doors, and doors which have to close against wind resistance, the next highest closer size should be applied.

PULL Fixing

Are closers that are fitted to the inside of the door.

If you were on the inside of the door and pulled it to open and the closer is on your side, this would be a PULL fixing.

PUSH Fixing

Are closers that are fitted to the outside of the door.

If you were on the inside of the door and pushed it open and the closer is on the opposite side, this would be a PUSH fixing.

For more information about our products, please call +353 (0) 1450 1366

Door closers, universal fixing

927-0367	TS68 To suit internal doors up to 1100mm wide, adjustable closing and latching speed
927-0609	TS71 To suit internal doors up to 1100mm wide, suitable for fire doors up to FD60, size 3-4, adjustable closing and latching speeds
927-1300	TS72vbc To suit internal doors up to 1100mm wide, suitable for fire doors up to FD60, size 2-4, adjustable closing and latching speeds, and 'thinking' backcheck. This unit can meet the requirements of BS8300 and Approved Document M. However consideration must be given to the door width, other installed hardware and differential air pressures within the building to ensure they still meet the recommendations in situ
927-0610	TS83BCDC To suit heavy traffic internal doors up to 1400mm wide, suitable for fire doors rated up to FD60, size 2-6, adjustable closing and latching speed, adjustable backcheck and delayed action closing. This unit can meet the requirements of BS8300 and Approved Document M. However consideration must be given to the door width, other installed hardware and differential air pressures within the building to ensure they still meet the recommendations in situ
927-1302	TS83BC To suit heavy traffic internal doors up to 1400mm wide, suitable for fire doors rated up to FD60, size 2-6, adjustable closing and latching speed, adjustable backcheck. This unit can meet the requirements of BS8300 and Approved Document M. However consideration must be given to the door width, other installed hardware and differential air pressures within the building to ensure they still meet the recommendations in situ

AUTOMATIC DOOR OPERATING EQUIPMENT

C.D.V. (UK) Ltd (1 Year Warranty)

DIGIWAY is a new, high quality door operator manufactured by the CDV Group, providing a cost effective solution for the automation of swing doors. Employing the latest mechanical and electronic technology, DIGIWAY offers performance usually associated with products of a much higher cost. Suitable for outward or inward opening doors, and employing our RF technology for synchronisation of double doors, DIGIWAY also offers a host of safety features and input/output control. Obstacle detection, push & go, built-in receiver, battery standby and full self-learning are just some of the features included.



DIGIWAY

NEW	927-2444	DWS102ACD Swing door operator 230V AC 100Kg with ARTICULATED ARM, CDV protocol
NEW	927-2445	DWS102SCD Swing door operator 230V AC 100Kg with SLIDING ARM, CDV protocol
NEW	927-2446	DWD102ACD Double swing door operators 230V AC 100Kg with ARTICULATED ARM, CDV protocol - wireless synchronisation
NEW	927-2447	DWD102SCD Double swing door operators 230V AC 100Kg with SLIDING ARM, CDV protocol - wireless synchronisation
NEW	927-2448	DGW-Filler Filler plate module to fit between 2 DigiWay units when used on double door, includes radar unit
NEW	927-2449	DGW-SS-COVER Stainless Steel cover for operator unit, to satisfy architectural specifications where Stainless Steel is requested
NEW	927-2450	DGW-SS-Filler Stainless Steel filler plate module to fit between 2 DigiWay units when used on double door, includes radar unit

Ingersoll Rand Security Technologies - Briton Quantum (1 Year Warranty)

The Briton Quantum series of door operators are low energy automatic door operators conforming to DDA standards. The unit requires 240V to operate and has a built in 24V dc PSU for powering electric locking installed in conjunction with the operator. The Quantum has a built in mechanical door closing device to ensure the door will manually close in the event of power loss or fire. This system is complimented by a complete range of operating accessories to provide safety of use and security integration.

911-0310	2550CSA Briton 2500 door operator c/w ARTICULATED arm and safety signage for installation on the "PUSH" side of the door
927-1557	2550TCSA Briton 2500 door operator c/w TRACK arm and safety signage for installation on the "PULL" side of the door.

Note - The above door operators are not suitable for double rebated doors. For this application there is an optional modification available at an additional charge. Please contact our Technical Sales Support Department for details.

Accessories

NEW	927-1589	2550.PAP.SS Push Pad, Narrow Style, Plain, Complete with back box
NEW	927-1592	2550.PL.P.SS Push Plate, Large Plain, Complete With Back Box
NEW	927-1595	2550.MS.B.BL Motion Sensor, Bi-directional
NEW	927-1597	2550.SS.340.SA Safety Sensor Kit, 340mm with flexible loop
NEW	927-1525	2550.KS.3W.BL 3 Position (Auto/Off/HO) Key Switch
NEW	927-1691	5515-550 Inverter pack 550VA (1/2 hour operation)
NEW	927-1688	5155-550 Wall Mounted Shelf for 550VA Inverter

Signage

NEW	927-1601	2550.SK Signage Kit (Complete) 1 Of Each Sign Listed Below
NEW	927-1602	2550.SK.NE Sign, No Entry (H155 x W155mm)
NEW	927-1603	2550.SK.KC Sign, Keep Clear (H225 x W150mm)
NEW	927-1604	2550.SK.DA Sign, Directional Arrow (H155 x W155mm)
NEW	927-1605	2550.SK.PO Sign, In Emergency Push To Open (H155 x W155mm)
NEW	927-1606	2550.SK.AD Sign, Automatic Door (H155 x W155mm)
NEW	927-1607	2550.SK.WL Sign, Wheelchair Logo

Fingerguards

Fingerguards provide protection on the hinge line of the door, on both sides. Supplied in 2 metre lengths, they are constructed from a rugged plastic "concertina", which runs each side of the door to prevent accidental "jamming" of fingers. This product is recommended for all applications, especially where children are involved.

928-0955	FINGERGUARD-BL Fingerguard protection strip - black - protects both sides of the hinge-line to prevent fingers being trapped (2m length)
928-0956	FINGERGUARD-WH Fingerguard protection strip - white - protects both sides of the hinge-line to prevent fingers being trapped (2m length)
928-0957	FINGERGUARD-BR Fingerguard protection strip - brown - protects both sides of the hinge-line to prevent fingers being trapped (2m length)

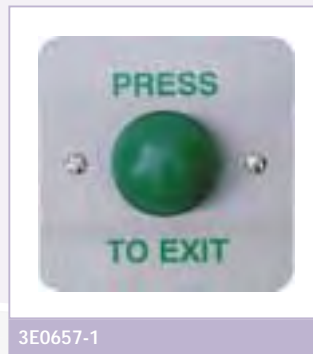




3E0650-1



3E0656-5



3E0657-1



3E0659-1PTE

EXIT BUTTONS

Code

Trade

Plastic ARCHITRAVE exit button, recommended for low usage applications

923-0041 **RTE002S** CDV, architrave surface plastic exit button (RTE002)

Plastic exit buttons (1 gang), recommended for low usage applications

923-0037 **3E0664** Plastic low traffic exit switch c/w surface housing (screen printed PRESS TO EXIT)923-0209 **3E0665** Plastic Low Traffic Exit Switch c/w surface housing (screen printed PRESS)923-0040 **RTE001S** CDV, Flush mount plastic exit button (Narrow switch), engraved (Door Release), c/o contacts, c/w surface plastic back box (DRB001N) (RTE001)923-0141 **BP-DOOR-S** CDV, Surface mount plastic exit button (Wide switch), (engraved DOOR EXIT), N/O contacts923-0018 **MK-814** Bewator, Flush mount exit switch

C.D.V. EXIT BUTTONS

Exit buttons (non standard size), recommended for low usage applications

923-0125 **336-310** Paxton E38 exit button, internal use, N/O contacts923-0126 **356-310** Paxton E50 exit button, internal use, N/O contacts923-0127 **376-310** Paxton E75 exit button, internal use, N/O contacts923-0128 **376-320** Paxton E75 exit button with screw connector, internal use, N/O contacts

Exit Buttons - E38, 50 & 75

- The number reference refers to the width of the unit, so they are now available in 3 sizes
- They come with 2 fascias, black and white so customers can choose the unit colour
- Green LED
- Complements Proximity readers and keypads
- Easy to fit

Stainless Steel Narrow exit buttons

Note: all exit buttons whose code begins with 3E **** are screen printed "PRESS TO EXIT"

923-0023 **3E0658-1NS** 3E, Narrow style Vandal Resistant exit button, flush, 19mm dia button923-0030 **3E0650-1NS** 3E, Narrow Illuminated exit button, flush, (not screen printed) (no labels provided)923-0021 **3E0620-1** 3E, Surface housing for exit buttons, mock Stainless Steel, narrow style928-0089 **3E0600-SF** Pack of 2 Security Fixings927-0826 **3E0600-SFT** Security Fixing Tool for Series 600 Switches923-0208 **3E0600-EGK-NS** Weatherproof Gasket for Narrow Style Switches923-0045 **RTE/SS/AS** CDV, Narrow surface mount exit button, c/o contacts921-0172 **RTE/SS/DS** CDV, Narrow surface mount with disabled logo, exit button, c/o contacts

3E0658-1NS

Stainless Steel (1 gang) exit buttons

Note: all exit buttons whose code begins with 3E **** are screen printed "PRESS TO EXIT"

923-0027 **3E0650-1** 3E, Illuminated exit button, flush, (not screen printed) (no labels provided)923-0026 **3E0656-1** 3E, Raised green exit button. flush923-0046 **3E0656-5** 3E, Raised green exit button. flush, Green Plate923-0025 **3E0657-1** 3E, Green domed exit button. flush923-0024 **3E0658-1** 3E, Vandal resistant exit button, flush, 19mm dia button923-0190 **3E0680-1** 3E, Bi-Coloured Halo Illumination (Red/Green) push button exit switch, flush923-0191 **3E0681-1** 3E, Bi-Coloured Halo Illumination (Red/Green) pressure actuator exit switch, flush923-0192 **3E0670-1** 3E, Large flat green domed exit button, flush923-0204 **3E0684-1** Large Green Piezo Switch 1 Gang, Flush SSS923-0038 **3E0659-1** 3E, Vandal resistant exit button, flush, 25mm dia button923-0022 **3E0610-1** 3E, Surface housing for exit button, mock stainless steel927-0806 **3E0610-5** 3E, Surface housing for exit buttons, Green923-0043 **RTE/SS/SS** CDV, surface mount, c/o contacts (DRB002S)923-0168 **RTE/SS/SFD** CDV, Flush domed exit switch923-0102 **RTE/SS/SSD** CDV, surface domed exit switch923-0036 **MSKS-108** Mag Sol, flush raised green exit button, use SB-1 for surface mounting927-0301 **SB-1** Mag Sol, white powder coated metal surface back box, 85mm sq

3E HALO ILLUMINATING

Code

Trade

Polished Brass (1 gang) exit button

Note: All exit buttons whose code begins with 3E**** are screen printed "PRESS TO EXIT".

- 923-0058 **3E0659-4** Vandal resistant exit button, flush mount, 25mm dia button
 923-0083 **3E0610-4** Surface housing for above exit button, polished brass

Disabled Buttons

- 923-0081 **CM-25/4** CDV narrow switch DISABLED LOGO & "PUSH TO OPEN"
 923-0082 **CM-23** CDV Surface back box for CM-25 Series
 923-0076 **CM-60/4** CDV 6" round All active Stainless Steel flush disabled exit switch, with DISABLED LOGO & PUSH TO OPEN Engraved
 923-0077 **CM-63-BL** CDV Surface back box, Stainless Steel, for CM-60 series (CM-63)
 923-0146 **CM-40/2** CDV 4" round All active Stainless Steel flush disabled exit switch, with DISABLED LOGO Engraved – requires CM-49
 923-0147 **CM-40/3** CDV 4" round All active Stainless steel flush disabled exit switch, with PUSH TO OPEN Engraved – requires CM-49
 923-0148 **CM-40/4** CDV 4" round All active Stainless Steel flush disabled exit switch, with DISABLED LOGO & PUSH TO OPEN Engraved – requires CM-49
 923-0149 **CM-49** High impact surface housing, bevelled edges to provide a robust and stylish unit

CDV DISABLED

Touch/Pressure Sensitive Exit Buttons

- 923-0084 **3E0677-1** 3E Touch sensitive exit switch, 1 gang, flush mount, Stainless Steel. All applications. Requires a 12V dc supply
 921-0267 **TST** CDV, Plastic 1 gang surface/semi flush touch sensitive exit switch, 12V dc & adjustable time delay relay output
 924-0012 **IEC06/1N/NS** ALPRO, Pressure sensitive, Narrow flush mount, anodised exit button on a S/S plate, IP68 rated
 924-0014 **IEC06/1N** ALPRO, Pressure sensitive anodised flush exit button on a S/S plate, IP68 rated c/w 1 gang flush back box

Note: Alpro buttons are specifically designed as an input device to an access control unit, the switch activation time is 120m seconds, N/O contacts.

- 923-0021 **3E0620-1** Surface housing for 3E & IEC exit buttons, mock Stainless Steel, NARROW style
 923-0022 **3E0610-1** Surface housing for 3E & IEC exit buttons, 1 gang, mock Stainless Steel

Radio Kit for Exit Buttons

NEW

- 923-0212 **OPR-KIT** CDV, Radio kit, converts standard exit buttons into radio transmitters where cabling is difficult. Supplied with 1 x transmitter pre-wired in an enclosure and 1 x receiver. The receiver will accept up to an additional 79 CDV TX26 transmitters

Microswitched Exit Touch Bars

Microswitched exit touch bar for use on exit doors where fail unlocked electric locking is used as part of an escape route. Can be used in conjunction with an exit button or as the sole exit device on a door, suits doors up to 900mm wide with a centre rail for mounting. This unit must be purchased in conjunction with a door loop to return the cabling to the access control device.

- 923-0056 **9000DMS** Abloy Microswitched exit touch bar for use with fail unlocked devices c/o contacts rated 5 Amp at 30V dc
 927-0714 **MSPB** CDV Microswitch Push Bar 900mm change over switch, satin anodised aluminium, (MSPB-840)
 927-1317 **692-GR** LockneticsTM electronic smart bar - 12/24V dc SPDT 3A @ 30V dc, no moving parts, genuine fail safe, 916 x 88 x 57mm (LxWxD)

Note: The smart panic bar with no moving parts, uses infra-red beams as a means of lock de-activation. Please note the smart panic bar can be cut down to a minimum door width of 26".

Ingersoll Rand Security Technologies - Briton Mechanical Exit Bars (5 Year warranty)

Briton Panic Exit Bars are manufactured by IR Security & Safety and are the number 1 exit device within the UK. The Briton brand is synonymous with quality and durability, an ideal partnership for your life safety product requirements. Exit devices must cover a minimum of 60% of the door width for buildings where a panic situation may occur. For external access a range of compatible devices are available upon request. Touchbars offer improved aesthetics and only project 100mm from the door. This projection makes them suitable for narrow final escape doors which do not open past 90 degrees. Plated and coloured finishes are available upon request.

- 927-1318 **376E-SE** Push bar vertical panic bolt
 927-1319 **377E-SE** Push bar set for Double Door applications
 927-1320 **378E-SE** Push bar - Rim Panic Latch

EXIT SENSOR

Passive Infra-Red Detector specially designed for "request-to-exit" applications.

- 927-0226 **DS160** Surface mount, 12V - 30V AC/dc exit sensor, 2 change over outputs 1 Amp @ 30V dc contact rating, coverage of 2.4m by 3m, current consumption 35mA @ 12V dc, available in light grey

EXIT ALARM

The X-12D Exit Guard is designed to be a completely self contained alarm unit, ideal for locations which need to be guarded when the normal alarm system is disarmed. Complete with the internal tamper switch and 4 wire detection circuits the unit will operate in standby mode for up to 6 months and in alarm mode for up to 3 hours on a new battery. The Exit alarm is provided with a standard 2 screw magnetic contact and operates on a closed loop detection basis. A battery test button is incorporated to ensure that there is sufficient charge in the battery. This unit is also available with suited keys.

- 927-1279 **X-12D** Elmdene battery operated exit alarm

FIREMAN SWITCHES

- 927-0700 **3E0690-1** Firemans override drop keyswitch, flush, Satin Stainless Steel
 905-0041 **3E0691-1** Firemans override drop keyswitch, surface, Satin Stainless Steel
 927-0701 **3E0690-DK** Firemans standard pattern drop key

3E FIREMANS SWITCH





A FITTING IMPROVEMENT

> Choose the MCP range from KAC and get the winning formula.

All products utilise a unique 'plug and play' concept giving a fitting improvement. This new concept provides quicker and easier installation resulting in reduced installation time and more significantly the associated cost.

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Batteries Yuasa rechargeable sealed lead acid (dimensions LxWxH over terminals)

015-0008	0150008 12V 1.2 Amp, 97 x 49 x 57.5mm
015-0009	0150009 12V 2.1 Amp, 178 x 34 x 67mm
015-0010	0150010 12V 2.8 Amp, 134 x 67 x 67mm
015-0018	0150018 12V 7 Amp, 151 x 65 x 103mm



BREAK GLASS SWITCHES

924-0005	MUS3A-G000SF-12 Surface mount, resettable, Green, break glass unit (KAC)
924-0006	MUS4A-G000SG-12 Surface mount, Green break glass unit. Double pole contacts (KAC)
924-0055	WCP3A-G000SG-12 Surface mount, EXTERNAL Green break glass unit. IP67 (KAC) EDR marking
928-1337	MCP3A-G000SG-12 Green Single pole contacts Surface mount Glass element KAC EDR marking
924-0039	MCP4A-G000SF-12 Green Double pole contacts Surface mount resettable element KAC EDR marking
924-0051	MCP3A-W000SG-12 WHITE Single pole contacts Surface mount glass element KAC EDR marking
924-0052	MCP4A-W000SG-11 WHITE Double pole contacts Surface mount glass element KAC EDR marking
924-0053	MCP3A-W000SF-12 WHITE Single pole contacts Surface mount resettable element KAC EDR marking
924-0054	MCP4A-W000SF-11 WHITE Double pole contacts Surface mount resettable element KAC No marking
927-2582	WG9101-SG 2 Position Keyswitch KAC
928-1338	KG1 Pack of 5 replacement Glass Elements
928-1333	PS200 Hinge Covers
928-1334	PS078W Stretched Hinge Covers
928-1335	SC070 Pack of 10 Test Keys
928-1336	PS210 Flexible Operating Element
924-0028	FP2GREEN Surface mount, resettable, Green, break glass unit (CQR)
927-0830	FP2/GR/DP/LU Surface mount, Green break glass unit. Double pole contacts (CQR)

KAC WHITE MCP



KAC MCP KEY



KAC GLASS ELEMENT

Break Glass Switches CQR FP3

Features:

- Glass Break and Plastic resettable options (included) in one product
- Unique on site testing system (patent applied) facility.
- Optional bright LED status signal to reinforce the "visible change in the operating face" when activated
- Supplied complete with surface mounting box and also suitable to fit standard UK back boxes (20mm minimum depth)
- Operating force conforms to EN-54-11/2001
- Single and double pole options available

924-0044	FP3/GR Surface mount, Green break glass unit. (CQR)
924-0045	FP3/GR/DP Surface mount, Green break glass unit. Double pole contacts (CQR)

CABLES

927-0342	GAR8723STY Belden style, 2 pair twisted pair, individually screened cable, 22AWG 100m
927-0228	GAR9501STY Belden style, 1 pair twisted pair overall screened cable, 24AWG, 100m
927-0200	GAR9502STY Belden style, 2 pair twisted pair overall screened cable, 24AWG, 100m
927-0038	GAR9503STY Belden style, 3 pair twisted pair overall screened cable, 24AWG, 100m
927-0039	GAR9504STY Belden style, 4 pair twisted pair overall screened cable, 24AWG, 100m
927-0201	GAR9506STY Belden style, 6 pair twisted pair overall screened cable, 24AWG, 100m
927-0040	GAR9534STY Belden style, 4 conductor overall screen cable, 24AWG, 100m
927-0343	GAR9536STY Belden style, 6 conductor overall screen cable, 24AWG, 100m
927-0041	GAR9538STY Belden style, 8 conductor overall screen cable, 24AWG, 100m
927-0206	166-010 CR9540, 10 conductor overall screen cable, 24AWG, 10m
927-0205	166-025 CR9540, 10 conductor overall screen cable, 24AWG, 25m
927-0042	GAR9540STY Belden style, 10 conductor overall screen cable, 24AWG, 100m
927-0202	GAR9729STY Belden style, 2 pair twisted pair, individually screened cable, 24AWG, 100m
927-0043	GAR9730STY Belden style, 3 pair twisted pair, individually screened cable, 24AWG, 100m
365-0004	RG59100M 100m RG59 coax, solid core
801-0236	N100.561 Cat5E, 4 pair UTP PVC solid drawn cable, 305m box



CQR FP2 & FP3

Due to the instability of the Copper Market, we are unable to show any cable prices. Please contact your Local Branch for current prices.

CONDUIT - GLASS

927-2406	3EGC2-SAA 3E, 2m Glass Conduit c/w self adhesive cover strip SAA
919-0425	3EGC2-MSS 3E, 2m Glass Conduit c/w self adhesive cover strip Mock SSS

CURRENT TRANSFER DOOR CONTACTS

928-0055	C2P 2 Pin transfer hinge (hinge side)
928-0056	C3P 3 Pin transfer hinge (hinge side)

DOOR CONTACTS

026-0021	260021 Knight Plastics, Flush contact, quickfit, 20mm normally open. White
026-0020	260020 Knight Plastics, Surface contact, oblong, normally open. White
026-0630	QF5 Elmdene Internal quick fit flush 20mm contact suitable for use in wood or metal doors, terminal connections, white plastic, 20mm operating gap
026-0150	SHD Elmdene Internal surface contact suitable for use on wood or metal doors, terminal connections, white plastic, 10mm operating gap, size 61mm x 23mm x 9.5mm (LxWxD)
026-0641	4HD-50-SS-SO Elmdene External (IP67) surface contact for use on metal or wooden doors/gates, robust aluminium body with 50cm Stainless Steel protection to cable, size 80 x 32 x 45 (L x W x D) Includes stand-off bracket

DOOR LOOPS

927-0697	3E0250-S 400mm door loop, with aluminium ends, int dia 9mm out dia 14mm
927-0698	3E0250-A 400mm door loop, armoured loop & aluminium ends, int dia 9mm out dia 14mm
927-0699	3E0251-BN Concealed door loop Black nickel
927-2567	3E0251-PC Concealed Door Loop, Polished Chrome Finish
927-0004	EA280 Abloy Concealed Door Loop (8810)
927-0375	FM Door loop, 40cm, aluminium ends
927-0994	FP/30 Door loop, 30cm, plastic ends
927-0995	FP/60 Door loop, 60cm, Stainless Steel loop & plastic ends, int dia 8mm out dia 11mm
928-0057	EMB Pair of metal end caps for FP/30 & FP/60 door loops
927-0719	CDL Concealed Door Loop chrome plated mild steel 290 x 25 x 16mm (LxWxD)



CDV DOOR LOOPS

Ancillaries continued overleaf



Fuses 20mm

Quick Blow (Each product priced individually, but must be purchased in quantities of 10*)

927-2153	1123174	250mA 20mm fuse	0.37
927-2154	1123182	500mA 20mm fuse	0.15
927-2155	1123171	1A 20mm fuse	0.15
927-2156	1123164	1.25A 20mm fuse	0.15
927-2157	1123073	1.6A 20mm fuse	0.15
927-2158	1123175	2A 20mm fuse	0.15
927-2159	1123080	2.5A 20mm fuse	0.15
927-2160	1123084	3.15A 20mm fuse	0.15
927-2161	1123104	4A 20mm fuse	0.30
927-2162	1123183	5A 20mm fuse	0.15

Anti-surge (Each product priced individually, but must be purchased in quantities of 10*)

927-2163	1123193	125mA 20mm fuse
927-2164	1123198	250mA 20mm fuse
927-2165	1123206	500mA 20mm fuse
927-2166	1123195	1A 20mm fuse
927-2167	1123199	2A 20mm fuse

Note* the minimum order for fuses is 10 and in multiples of 10.
For example, the minimum order for 927-2153 (1123174 250mA 20mm fuse) is 10 therefore the minimum purchase price is £3.70

INDICATORS

927-0199	3E0654-1	Indicator plate inc. 2 x L.E.D.'s (green & red), flush, 1 gang, Stainless Steel
923-0022	3E0610-1	Surface housing for above, 1 gang, mock Stainless Steel

INTERLOCK CONTROLLERS/RELAYS/TIMERS & accessories

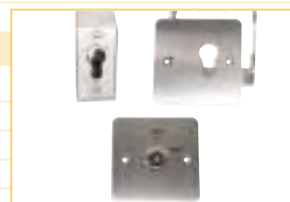
911-0272	IEC-IB1	2 door true Interlock control board (PCB 171mm x 101mm), 12 or 24V dc, 5 Amp DP C/O relay, (1 powered output, 1 volts free) per door, fully expandable to infinite doors
911-0273	IEC-IB1PSU12V3AMP	Interlock Control Board Mounted in a Metal 12V dc, 3 Amp Power Supply
911-0274	IEC-IB1PSU12V5AMP	Interlock Control Board Mounted in a Metal 12V dc, 5 Amp Power Supply
911-0275	IEC-IB1BUTTON/LED	Interlock button & LED's on 140mm x 40mm plate, 1 button which says PRESS TO UNLOCK & 2 LED's 1 showing door locked, 1 showing door unlocked
927-0044	88	BSTL, 12V AC, 1 pole change over relay, contact rating 10A @ 30V dc, boxed
927-0045	89	BSTL, 12V dc, 1 pole change over relay, contact rating 10A @ 30V dc, boxed
928-0615	VHLR	CDV, 12 to 28V AC/dc input, 2 pole change over relay, contact rating 10A @ 30V dc Un-boxed
928-0582	1225	3E, Universal timer/relay module, 2-62 seconds or 2-62 minutes, 12/24V AC/dc operation, 12V AC or Volts free trigger. Double pole 5A relay, unboxed
928-0583	1225B	3E, as 1225 above but in a plastic enclosure
927-0186	LT88	BSTL, Single shot timer, 4-40 seconds, 1 pole change over boxed relay, 12V AC or dc
927-0196	HT88	BSTL, Single shot timer, 1 sec up to 10 hours, 1 pole change over boxed relay, 12V AC or dc
928-0616	TPG1	CDV, 12V AC/dc N/O Trigger input 1 pole change over relay, 1-15 seconds single shot timer. Un-boxed
928-0617	RT110	CDV, 12 to 24V AC/dc input, 1 pole change over relay, 1-600 seconds single shot timer, latching output which can be reset with N/C input, Un-boxed
928-0524	RM1	ALPRO, Rectifier Module, converts AC current to dc, with onboard switchable sounder. 12/24V AC, 1 Amp max. Board size 54 x 20mm
919-0376	MSTDM	Mag Sol Time Delay Module (pcb) - after pushing button to release lock a delay of up to 30 secs can be set before automatic relocking. This device is located between the PSU and locking device. 12/24V dc operation
915-0173	506N	Videx 12/24V AC/dc input relay, double pole 5 Amp contacts, housed in a standard 5 module DIN box, this unit has a transistorised input
915-0174	506T	Videx 12/24V AC/dc input 2 -100 seconds timer relay, double pole 5 Amp contacts, housed in a standard 5 module DIN box



1225

KEYSWITCHES (Stainless Steel)

927-0198	3E0661-1	Maintained keyswitch (key removable in both positions), flush, 1 gang
927-0373	3E0661-1NS	Maintained keyswitch (key removable in both positions), flush, NARROW style
915-1240	3E0661-1DP	Maintained keyswitch (key removable in both positions), flush, 1 gang, double pole
927-0728	3E0660-1	Momentary keyswitch (key removable in one position), flush, 1 gang
927-0729	3E0660-1NS	Momentary keyswitch (key removable in one position), flush, NARROW style
927-0730	3E0662-1	3 Position Maintained keyswitch (key removable in 3 positions), flush, 1 gang
927-0731	3E0668-1	Euro profile keyswitch Momentary (On-Off-On), flush, 1 gang. Requires single euro profile cylinder
927-0732	3E0669-1	Euro profile keyswitch Maintained (On-Off), flush, 1 gang. Requires single euro profile cylinder
923-0022	3E0610-1	Surface housing for 1 gang keyswitch mock Stainless Steel
923-0021	3E0620-1	Surface housing for NARROW style keyswitch, mock Stainless Steel
927-0412	KS/SS/SF-D	CDV, Maintained keyswitch (random key), FLUSH, 1 gang, (key removable in both positions)
927-0413	KS/SS/SS-D	CDV, Maintained keyswitch (random key), SURFACE, 1 gang, (key removable in both positions)
927-1965	KS/SS/SF/MO-D	CDV, Momentary keyswitch (random key), FLUSH, 1 gang, (key removable in both positions)
927-1967	KS/SS/SS/MO-D	CDV, Momentary keyswitch (random key), SURFACE, 1 gang, (key removable in both positions)
927-0303	MSKS-100	Mag Sol, Euro cylinder profile cut out in 85mm sq. front plate with momentary contact switch, flush, use SB-1 for surface mounting (euro cylinder excluded)
927-0344	MSKS-101	As above with maintained contacts
927-0345	MSKS-102	Mag Sol, architrave keyswitch with momentary contacts, 30mm wide face plate, flush, use SB-2 for surface mounting
927-0346	MSKS-103	As above with maintained contacts
927-0347	MSKS-104	Mag Sol, keyswitch with momentary contacts, flush, 85mm sq. use SB-1 for surface mounting
927-0348	MSKS-105	As above with maintained contacts
927-0301	SB-1	Mag Sol, White powder coated metal surface back box, 85mm sq. x 45mm deep
927-0302	SB-2	Mag Sol, White powder coated metal architrave surface box, 85mm x 30mm x 30mm



C.D.V. KEYSWITCHES



MAG SOL MSKS



3E 0660, 0662, 0663

For more information about our products, please call +353 (0) 1450 1366

M.O.V. (Metal Oxide Varistor)

927-2101 **1057168** M.O.V. Metal Oxide Varistor 31V dc maximum working voltage, to reduce the residual magnetism dispersion time. Sold individually in packs of 5.

Note* the minimum order for M.O.V's is 5 and in multiples of 5. For example, the minimum order for 927-2101 (1057168 M.O.V) is 5 therefore the minimum purchase price is £1.75

POWER SUPPLIES

922-0054 **1381NS** Elmdene 12V dc 1 Amp PSU, Single Indicator, will supply full current whilst charging the battery 200mm x 230mm x 80mm (HxWxD)

922-0055 **1381N** Elmdene 12V dc 1 Amp PSU, as above but with Multi-Indicator

922-0056 **1382N** Elmdene 12V dc 2 Amp PSU, as above

NEW

922-0227 **1382N-B** Elmdene 12V dc 2 Amp PSU. Large Enclosure - Multi-Indicator. Will supply full current to load plus 0.5A for charging battery. Case size: 330mm x 355mm x 80mm (HxWxD)

922-0057 **1383N** Elmdene 12V dc 3 Amp PSU, Multi-Indicator, will supply full current whilst charging the battery 330mm x 335mm x 80mm (HxWxD)

922-0058 **1385N** Elmdene 12V dc 5 Amp PSU, as above

922-0102 **1381FSA** Elmdene 12V dc 1 Amp PSU, inc. fault signalling via a relay & deep discharge battery protection 200mm x 230mm x 80mm (HxWxD)

922-0103 **1382FSA** Elmdene 12V dc 2 Amp PSU, as above

922-0104 **GEMINI 1211** Elmdene 12V dc 1 + 1 Amp PSU (2 fully independent outputs), inc. fault signalling via independent volt free contacts, 330mm x 335mm x 80mm (HxWxD)

922-0105 **GEMINI 1212** Elmdene 12V dc 1 + 2 Amp PSU, as above

NEW

922-0161 **GEMINI 1213** Elmdene 12V dc 1 + 3 Amp PSU. Two fully independent outputs: 1A + 3A, independent fault signalling relays. Full current to load plus 0.5A for charging each battery. Case size: 500mm x 400mm x 80mm (HxWxD)

ENHANCED FEATURE POWER SUPPLIES

NEW

922-0228 **EN2-07-A** Elmdene 12V dc 1 Amp PSU. Status LED's, mains fail and low battery fault outputs, full current to load plus 0.5A for charging battery. Case size: 200mm x 230mm x 80mm (HxWxD)

NEW

922-0229 **EN3-07-A** Elmdene 12V dc 1 Amp PSU. Status LED's, active battery monitoring, mains fail and low battery fault outputs, full current to load plus 0.5A for charging battery. Case size: 200mm x 230mm x 80mm (HxWxD)

NEW

922-0230 **EN2-17-B** Elmdene 12V dc 1.5 Amp PSU. Status LED's, mains fail and low battery fault outputs, full current to load plus 0.5A for charging battery. Case size: 200mm x 230mm x 80mm (HxWxD)

NEW

922-0231 **EN3-17-B** Elmdene 12V dc 1.5 Amp PSU. Status LED's, active battery monitoring, mains fail and low battery fault outputs, full current to load plus 0.5A for charging battery. Case size: 200mm x 230mm x 80mm (HxWxD)

Reader/Intercom Posts

928-0065 **GNP-1C** CDV Goose neck reader/intercom post, CAR height

928-1210 **GNP-1L** CDV Goose neck reader/intercom post, LORRY height

928-0071 **GNP-2CL** CDV Goose neck reader/intercom post, LORRY & CAR height



INTERCOM POSTS

SOUNDERS

928-0253 **RT27** BSTL Extension sounder for all telephones

915-0083 **SG1** BSTL Extension sound generator, timed and 8 options of tone 10-15V AC or 10-21V dc

TIME CLOCKS

927-0229 **TS2000-BST** BSTL, 12V AC/dc, quartz crystal time clock with automatic European Time Settings, isolated contacts, 7 day programming

NEW

927-2182 **3ETS365** 3E, Fully Automated GMT Time Clock with LCD Display, 6 Settings with Manual Override

927-0726 **701T (28G)** Videx 12V AC and dc BST/GMT time clock with LCD display, 6 on/off periods. Fully programmable with manual override and trades button input



TS2000-BST TIME CLOCK

ANTI-PASSBACK – A feature that will not allow any card to re-enter unless it has been used to exit. This requires that readers be used for both entry and exit.

AUDIO MONITORING – Listening to another station from a master station. Masters can monitor any other station in the system. Sub stations cannot monitor another station.

BAUD RATE – The speed data is transmitted at.

BACK EMF – An electro-magnetic force generated the voltage is removed from the locking device. Use a suppression device (See DIODE and MOV)

BREAK GLASS UNIT – A device mounted near the exit door that can be used to release the door in the event of an emergency.

CARD HOLDER – A person who has been issued with an access control card.

CARD NUMBER – A coded number that is stored in the access control card.

CARD READER – A unit that is fitted local to the door and reads the access card and transfers the information back to the access control unit.

CENTRAL OR ON LINE PROCESSING – A system where all system information is stored in a central location.

COMPACT (SELF-CONTAINED) – A system where the controller is contained in the access system. (Un-secure)

CONTROLLED AREA – An area where the entry/exit is under the control of an access control system.

DAISY-CHAIN WIRING – The wiring method where the wire path is in and out of each station from the first to the last location.

DIODE – A device used to prevent the Back EMF generated by the locks from damaging the controller. (To be connected at the lock)

DISTRIBUTED INTELLIGENCE/PROCESSING – An access control system where the system information is stored at the individual readers or controllers. This allows the system to operate when the host is down or not communicating.

DOOR FORCED OPEN – A signal indicating that the door was opened without a valid card or request to exit device. This requires the door to be monitored and some type of request to exit device.

DOOR/GATE STATION – Weather resistant sub station. Designed to be used at doors, gates, or any outside area.

DOOR HELD OPEN – A signal that indicates that the door was held open longer than it should have been. This is used to prevent someone from using a card to enter and then leaving the door open for others. This requires the door to be monitored.

DOOR OPEN TIME – The allowed time period for the door to stay open before creating an alarm condition.

DOOR RELEASE – The activation of an electric door strike or a magnetic lock from the inside intercom system.

DOOR RELEASE RELAY – A relay that provides the interface between the electric door strike and the access control system.

DOOR STRIKE – An electro-mechanical device used to lock and unlock a door.

DOS – Disk Operating System associated with PC (Microsoft dos).

DRY CONTACT – A contact where no voltage is present.

ELECTRIC STRIKE – An electro-mechanical device used to lock and unlock a door.

EVENT – A transaction received by the access control system.

EXIT – A way out of an area that may or may not be controlled.

EXTERNAL SIGNALLING DEVICE – A sounder or indicator connected to an access control system for remote or indication.

FAIL LOCKED – Is a locking device that requires power to unlock (fail secure).

FAIL SAFE – Is a locking device that is unlocked when no power is applied.

FAIL SECURE – Is a locking device that is locked when no power is applied.

FAIL UNLOCKED – Is a locking device that requires current to lock (fail safe).

FORMAT – How the computer arranges information on to a disk.

GLASS BREAK STATION – A device mounted near the exit door that can be used to release the door in the event of an emergency.

HALL EFFECT – Means of monitoring, this indicates if an electromagnet has achieved full holding.

MAGLOCK – A type of lock that holds the door closed through electromagnetic force by applying a 12 or 24vDC voltage to it.

MODEM – A piece of equipment that is used to transmit data between electronic devices over a telephone line.

MONITOR (VIDEO) – The unit used to view callers in conjunction with the intercom.

MONITORED – Senses the condition of the door, open or closed.

MORTICE-RELEASE – This is a type of electric door release, which is morticed into the doorframe.

MOV – Metal oxide varistor, a device used to prevent the Back EMF generated by the locks from damaging the controller. (To be connected at the lock)

MULTI-CORE CABLE – Cable that has multiple wires in a single jacket. Every wire will be a different colour.

NETWORK – A series of points connected by communication channels.

NOISE – Interference present on data lines.

NORMALLY OPEN CONTACT – A contact that is in the open position when not activated, and closes when activated.

NORMALLY CLOSED CONTACT – A contact that is in the closed position when not activated, and opens when activated.

PIN – A Personal Identification Number.

PRIVACY – With the privacy button depressed, a handset cannot be called from the outside panel.

PROTOCOL – The standard that is used to send information between computers and peripherals.

PROTOCOL CONVERTER – Data transmission converter i.e. RS232 to RS485.

PSU – Power Supply Unit.

RAM (RANDOM ACCESS MEMORY) – the read write memory of a computer.

REMOTE CONTROL – Remote activation or deactivation of devices, usually from a remote fob.

REMOTE HOST – A system where the main computer controlling the system is remotely located. It allows a single computer to control multiple systems.

RS232 – Data communication industry standard for data transfer.

RS485 – Data communication industry standard for data transfer.

RIM-RELEASE – This is a type of electric door release, which is mounted onto the doorframe. Typically used with a Yale rim night latch.

RQE (REQUEST TO EXIT BUTTON) – A device that must be pushed in order to release the door.

SCREENED/SHIELDED CABLE – Cable that has an aluminium sheath covering over all wires just inside the outer jacket along with a bare metal stranded wire (called a drain wire).

SELF-CONTAINED – A system where the controller is contained in the access system. (Un-secure)

STATUS SWITCH – A magnetic contact mounted on the controlled door. It is used to detect door status.

SUPPRESSION – A device used to prevent the Back EMF generated by the locks from damaging the controller. See DIODE & MOV (To be connected at the lock)

TIME ZONES – “Schedules” that allow cards to function or not function depending on the time of day. The schedule may include not only time but also which days of the week a card is valid.

TWISTED PAIR CABLE – A type of cable where there are individually twisted pairs of wires within a single jacket.

WAY – An external panel has a number of buttons (WAY's) so that one can call the particular handset/apartment that one is visiting.

Audio/Video Door Entry

- Q – I don't have speech either way.
A – Check that there is power to the system.
A – Check the two speech lines according to the instructions. (Transmit & Receive)
Q – I have acoustic feedback. (Whistling/howling)
A – Reduce both the speaker and mic volumes and readjust until a suitable level is achieved.
Q – When I press the button on the handset, my lock release doesn't operate.
A – Check that there is power between the lock button & common supply at the handset.
A – Check the cable between the lock and PSU, and between the lock and handset.
Q – Can I use a Maglock with my Audio/Video system.
A – Yes, but additional equipment will be required. i.e Regulated DC PSU, timer/relay, exit button and break glass unit.
Q – The picture on the monitor is rolling.
A – Check that the voltage is correct at the monitor. Typically if additional monitors have been fitted without auxiliary PSU's.
Q – If I want to call 2 handsets from 1 button at the door, is this a 2 way system.
A – No, it is a 1 way system with an additional handset. A 2 way system is 2 separate buttons calling 2 separate handsets.
Q – Can I get a 12VAC Fail Safe Release.
A – No, 12VAC releases are only available in Fail Secure.
Note: If a Fail Safe release is required on a 12VAC audio/video system, additional equipment will be required. i.e. Regulated DC PSU and a timer/relay.

Access Control

- Q – Is it possible to install several systems in a building and use the same cards.
A – Yes, provided that the same equipment is installed on each door. It is not suggested that you "mix & match" manufacturers equipment.
Q – Can I install a Self-Contained access system on a front entrance to a building.
A – Yes, but it is not recommended. If the unit is vandalised or removed from the wall, it may be possible to gain entry.
Q – Can I combine my access system with an audio/video entry system.
A – Yes, most audio/video entry manufacturers offer their panels with the facility to integrate a proximity reader. (Special order)
Q – My keypad will not operate my lock.
A – Does the code require a confirmation key to be entered after the code.
A – Has an incorrect code been entered before, as some keypads have a penalty/lockout timer built into them.
A – Has the keypad been programmed correctly according to the instructions.
A – Do you get an audible/visual indication of correct code. If yes, check the connections to the lock and that the locking device is suppressed.
If not, irreparable damage may have occurred.
Q – My Card reader system will not operate my lock.
A – Have the cards been programmed/enabled correctly according to the instructions.
A – Do you get an audible/visual indication of a valid card. If yes, check the connections to the lock and that the locking device is suppressed.
If not, irreparable damage may have occurred.

Electric Locking

- Q – My Maglock holds the door, but I can pull it open without much effort.
A – Check that the armature plate is not rigid against the door. It must have lateral movement of 2-4mm to allow full face to face contact.
A – Check that the faces of the magnet and armature are aligned correctly.
A – Check the voltage at the MAGNET, especially if it is a distance from the PSU. It must be a MINIMUM of 12Vdc or 24Vdc, depending on the magnets configuration.
A – Ensure the correct cable has been used according to the cable length, and is capable of carrying the current required.
Q – My Shearlock/Solenoid bolt constantly locks and unlocks.
A – Check that the correct PSU has been used. Typically these types of locking devices have an "In Rush" current and require approximately 2Amps to lock them.
A – Check the voltage at the SHEARLOCK/SOLENOID BOLT, especially if it is a distance from the PSU. It must be a MINIMUM of 12Vdc or 24Vdc, depending on the configuration.
A – Ensure the correct cable has been used according to the cable length, and is capable of carrying the current required.
Q – My Shearlock/Solenoid bolt wont lock.
A – Check that the correct PSU has been used. Typically these types of locking devices have an "In Rush" current and require approximately 2Amps to lock them.
A – Check the voltage at the SHEARLOCK/SOLENOID BOLT, especially if it is a distance from the PSU. It must be a MINIMUM of 12Vdc or 24Vdc, depending on the configuration.
A – Check that the gap between the lock body and strike/armature plate is not greater than the one recommended in the installation instructions.
A – Ensure the door closes centrally.
Q – How do I determine if my door is "Inward" or "Outward" opening.
A – Stand on the secure side of the door, if the door opens away from you, it is "Outward" opening, if the door opens towards you, it is "Inward" opening.
Q – Can I get a 12VAC Fail Safe Release.
A – No, 12VAC releases are only available in Fail Secure.
Q – Can I use a 12VAC PSU to power a Maglock.
A – No, a 12Vdc-regulated PSU must be used.
Q – I have fitted a diode as suppression to my locking device and when it is operated it blows the fuse.
A – The diode is polarity conscious, the silver band end is the positive end.

