

## INDOOR PASSIVE INFRARED DETECTORS

Elvey's detectors prevent false activations and give years of reliable, trouble-free operation. Stylishly designed to blend in with any architecture, they are simple to install and come with a minimum of two year warranty. Passive Infrared (PIR) motion sensor technology provides reliable and cost-effective protection for the home or office.

### DSC LC-100-PI

Pet Friendly Digital PIR



- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Advanced ASIC-based electronics
- Adjustable variable pulse count
- PIR sensitivity adjustment
- Height installation calibration free
- Ordering no. 22LC-100-PI

### DSC BV-601

Bravo Pet-Friendly PIR Motion Detector



- Digital signal analysis for consistent detection
- Digital temperature compensation for improved catch performance
- Patented Multi-Level Signal Processing (MLSP) for accurate detection of human infrared energy
- Optional mounting brackets available: DM-W (wall-mount bracket) DM-C (ceiling-mount bracket)
- Ordering no. 22BV601

### OPTEX RX-40SA/ RX-40PT

Digital Indoor PIR with Quad Zone Logic



- Patented Quad Zone Logic
- Spherical Lens Design
- Temperature Compensation
- Sealed Optics
- Selectable Fast or Slow Detection
- 12m wide, 85° detection range
- Ordering no. 07RX40SA (Standard)
- Ordering no. 07RX40PT (Pet-friendly)

### OPTEX CX-502AMC

PIR with Anti-Masking Detection and Multi Focus Optics



- Long range (24m X 2.3m), wide angle (15m X 15m)
- Patented Quad Zone Logic
- Spherical Lens Design
- Patented Double Conductive Shielding
- Temperature Compensation
- Patented Multi Anti-Masking Technology
- Self Checking Function
- LED Remote Control Terminal
- Ordering no. 07CX502AMC

### DSC LC-L1ST

Bracket for LC-100-PI



- Wall and ceiling bracket
- Ordering no. 22LC-L1ST

## CEILING MOUNT 360° DETECTORS

These detectors with their unique, highly durable spherical lenses are precision-designed for unparalleled 360° detection performance and reliability. This makes them ideal for protecting an entire room using minimal sensors. Sleek and compact, they are suited to all types of installation applications.

### OPTEX FX-360

360° Ceiling Mount PIR, 12m



- 12m diameter at 3.6m mounting height
- Spherical Lens Design
- RFI Protection
- Temperature Compensation
- Noise Reduction Circuit
- 2 or 4 selectable pulse count
- LED Remote Control Terminal
- Ordering no. 07FX360

### OPTEX SX-360Z

360° Ceiling Mount PIR, 18m



- Highly dense coverage offers unsurpassed 360° detection
- Multi-Focus Technology and Double Conductive Shielding
- 3 Pyro elements
- 18 m diameter at 5m mounting height
- Maximum mounting height of 5m
- Zoom Function / Pattern Adjustment
- Ordering no. 07SX360Z

### DSC BV-501

360° Ceiling Mount PIR



- Digital signal analysis for consistent detection
- Temperature compensation for improved catch performance
- Patented Multi-Level Signal Processing (MLSP) for accurate detection of human infrared energy
- Sensitivity adjustment
- High-level static and transient protection
- Exceptional white light immunity
- Ordering no. 22BV501

## SPECIALISED INFRARED DETECTORS

When extremely stable detection performance is required, whether in a home or commercial application.

### OPTEX CX-502

Long Range/Wide Angle PIR with Multi Focus Optics



- Long range (24m X 2.3m) or wide angle (15m X 15m)
- Patented Quad Zone Logic
- Patented Double Conductive Shielding
- Temperature Compensation
- Ordering no. 07CX502

### OPTEX MX-40QZ

Dual Tech PIR with Microwave Detection



- Patented Quad Zone Logic
- Spherical Lens Design
- 12m x 12, 85° coverage
- Anti-Crosstalk Technology
- Noise Reduction Circuit
- Ordering no. 07MX-40QZ

### OPTEX CX-702C

Long Range/Wide Angle PIR with Multi Focus Optics



- Long range (45m X 2.4m) or wide angle (21m X 21m)
- Patented Multi-Focus Technology
- Patented Double Conductive Shielding
- Temperature Compensation
- Sealed Optics
- Spherical Lens Design
- 3-Step lens angle adjustment
- Ordering no. 07CX702C

## SPECIALISED INFRARED DETECTORS

**SENTROL RCR-11**

Range Controlled PIR / Microwave Radar Detector



- C-band microwave dual technology
- Exclusive range-control technology from 3 - 11m
- Use radar-only mode for high security applications
- Quick select of range setting
- Ordering no. 13RCR-11

**SIEMENS IR-120C**

Pet-Friendly Mirror Optic PIR



- 12m wide-angle detection with look down zone or 20m continuous curtain option (with IRS-162 lens)
- A unique combination of superior immunity and high detection reliability
- Easy installation with time saving SIEMENS snap-in concept
- The 18x3 triplex zone black mirror and AMASIC full digital signal processing
- Ideal for use in a wide range of commercial and domestic applications where domestic pets (up to 40kg) may be present
- Ordering no. 15IR120C

**SIEMENS IR-200C-II**

Mirror Optic PIR



- PIRASIC & Fuzzy Logic
- 15m wide angle with look down zone
- 25m continuous curtain (with IRS-162 lens)
- Fully digital Visatec II signal evaluation
- Intelligent temperature compensation
- Choice of four application settings
- Three-stage white light filter with changeable black mirror optics
- Ordering no. 15IR200C2

**SIEMENS IRS-162**

Curtain Lens offering Full Curtain Coverage



- For IR-120C and IR-200C
- Overlapping coverage zone to form a complete monitored area to detect a person passing through
- Ordering no. 15IRS162

## OPTEX BRACKETS &amp; LENSES

**OPTEX FA-3**

Ceiling/Wall Mounting Bracket



- For Optex RX40/EX35T
- Ordering no. 07FA3

**OPTEX CA-1W**

Wall Mount Bracket



- For Optex CX & LX Series
- Ordering no. 07CA1W

**OPTEX CA-2C\***

Ceiling Mount Bracket



- For Optex CX & LX Series
- Ordering no. 07CA2C

**OPTEX FL-60N**

Long Range Lens



- For Optex RX40
- 1.8m x 1.8m
- Ordering no. 07FL60N

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## OUTDOOR PASSIVE INFRARED DETECTORS

Able to discriminate between humans and other sources of infrared such as pets, birds, sunlight and reflections, this advanced technology reduced the incidents of false alarms. This outdoor detection provides additional security to homes or businesses by creating an invisible barrier between the perimeter and the building.

### SIEMENS IS-390\*

Outdoor Barrier PIR for Volumetric Protection



- Wide Angle 18m x 16m
- Universal application for outdoor monitoring of unauthorized entry
- Ordering no. 15IS390

### SIEMENS IS-392\*

Outdoor Barrier PIR for Long Range Protection



- Long Range 40m x 3m
- Universal application for outdoor monitoring of unauthorized entry
- Ordering no. 15IS392

### SIEMENS IS-404\* / IS-404H\*

Passive Infrared Barrier for External Perimeter Surveillance



- 120m (150m IS404H) wide angle detector for the most exacting applications
- ATD adaptive threshold decoding for ambient condition evaluation
- Comprehensive protection concept against all extraneous influences
- Continuous function surveillance
- True temperature compensation and heating (IS404H)
- Ordering no. 15IS404 / 15IS404H

### SIEMENS ISIF-485\*

Installation Tester for Use on IS390 & IS392



- Useful for alignment and signal check during setup and maintenance
- For installation using IS390 and IS392
- Ordering no. 15ISIF485

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## OUTDOOR PASSIVE INFRARED DETECTORS

### OPTEX LX-402C / LX-802N

Standard Outdoor PIR with Wide Angle Detection



- Standard Outdoor PIR 14m x 14m wide angle detection area (LX-402)
- Outdoor PIR 24m x 2m long range detection area (LX-802N)
- Patented Double Conductive Shielding and Temperature Compensation
- Selectable Detection Patterns (Pet Alley or Multi-Level)
- Day & night modes, IP-54 Rating
- Ordering no. 07LX402C (Wide angle model) / 07LX802N (Long range model)

### OPTEX HX-40 / 40AM / 40RAM

Pet Friendly Outdoor High Mount PIR with Wireless Option



- 3m high mount
- 12m, 85° wide and 94 zones PIR coverage
- Automatic sensitivity adjustment in hostile environment
- Advanced temperature and summer night compensation logic
- Intelligent vegetation sway analysis logic
- Ideal detection area setting
- Environment-responsive design to achieve appropriate installation
- Digital anti-masking technology in HX-40AM and HX-40RAM
- Wireless battery-operated model - HX-40RAM
- Two year limited warranty
- Ordering no. 07HX40 (Standard model) / 07HX40AM (Anti-Masking model) / 07HX40RAM (Wireless with Anti-Masking model)

### OPTEX VX-402 / 402A / 402R

Pet Friendly Outdoor PIR with Wireless Option



- Outdoor PIR 12m X 12m wide angle and 90° detection area
- Patented Double Conductive Shielding and Temperature Compensation
- Selectable N/C or N/O output
- Photocell for day and night operation
- Fully adjustable detection area with pet-immunity IP-54 Rating
- Voice recording / warning function (VX-402A)
- Wireless Battery Saving Circuit (VX-402R) excludes battery/ transmitter
- Master and Slave Configuration
- Directional detection with slave unit
- Two year limited warranty
- Ordering no. 07VX402 (Standard model) / 07VX402R (Wireless model) / 07VX402A (Audio model)

### OPTEX BX-80N / 80NR

Outdoor Long Range PIR with Wireless Option



- Long range outdoor PIR up to 24m (12m on each side)
- Patented Double Conductive Shielding
- Size-judging function to avoid false alarms
- Audible alarm indicator to deter intruders
- Ideal for banks of windows or doors
- IP-55 Rating
- Wireless model excludes battery / transmitter
- Two year limited warranty
- Ordering no. 07BX80N (Standard model) / 07BX80NR (Wireless model)

## OPTEX BA-1W

Swivel Wall Mount Bracket  
for Wireless BX80NR



- Used for BX80N when used with SP-2 spacer unit
- Ordering no. 07BA-1W

## OPTEX SP-2

Spacer Unit for BX80N



- Ordering no. 07SP-2

## OPTEX WC-1

White Decorative Cover  
for BX-100Plus



- Ordering no. 07WC-1

## OUTDOOR & INDOOR ACTIVE INFRARED BEAMS

Designed to provide reliable detection at a distance while countering outdoor elements such as weather, car headlights and sunlight, these beams offer the greatest level of security immunity from false alarms.

### OPTEX BX-100-PLUS

30m Boundary Guard Outdoor Active Infrared Beam



- Maximum detection distance : 30m (outdoor), 60m (indoor)
- Maximum arrival distance : 300m
- Dual IR pulsed beam system
- Internal sounder
- Easy alignment with visual and audible indicator
- Light Reduction Filter
- 99% beam blocking stability - caused by heavy rain, dust storms or snow
- N.O and N.C relay outputs
- Active Infrared Technology
- With white light filters in slim line housing.
- Optional white decorative cover (WC-1).
- 5 year limited warranty
- Ordering no. 07BX100PLUS

### OPTEX AX-70TN / 130-TN / 200-PLUS TN

Short Range Photoelectric Active Infrared Beam



- IP-65 Structure with high sealing rubber packing
- Remains stable against over 14kV of lightning surge
- Anti-frost hood cover
- 99% beam blocking stability - caused by heavy rain, dust storms, fog or snow
- Automatic Gain Circuit continually monitors for gradual changes in signal's strength caused by weather conditions
- Adjustable interruption time to fit any application
- Wall and pole mounting
- 5 year limited warranty
- AX-70TN: outdoor detection range 20m (max. arrival distance 200m)
- AX-130TN: outdoor detection range 40m (max. arrival distance 400m)
- AX-200 Plus TN: outdoor detection range 60m (max. arrival distance 600m)
- Ordering no. 07AX70TN / 07AX130TN / 07AX200PLUSTN



## OUTDOOR ACTIVE INFRARED BEAMS

**OPTEX AX-100TFR / 200TFR**

## Wireless Short Range Photoelectric Active Infrared Beam



- Wireless battery-operated model
- IP 65 Structure with high sealing rubber packing
- Remains stable against over 14kV of lightning surge
- Anti-frost hood cover
- 99% beam blocking stability - caused by heavy rain, dust storms or snow
- Automatic Gain Circuit continually monitors for gradual changes in signal's strength caused by weather conditions
- Adjustable interruption time to fit any application
- Wall and pole mounting
- 5 year limited warranty
- Excludes battery
- AX-100TFR: outdoor detection range 30m (max. arrival distance 300m)
- AX-200TFR: outdoor detection range 60m (max. arrival distance 600m)
- Ordering no. 07AX100TFR / 07AX200TFR

**OPTEX AX-250-PLUS / 500-PLUS**

## Long Range Photoelectric Pulsed Infrared Beam



- Remains stable against over 14kV of lightning surge
- Anti-frost design
- Twin beams require simultaneous interruption to create activation
- Easy installation and alignment
- Sealed optics to prevent ingress of insects and dust
- 99% beam blocking stability - caused by heavy rain, dust storms or snow
- Automatic Gain Circuit continually monitors for gradual changes in signal's strength caused by weather conditions
- Adjustable beam interruption time to fit any application
- 5 year limited warranty
- AX - 250PLUS - detection range 75m (max. arrival distance 750m)
- AX - 500PLUS - detection range 150m (max. arrival distance 1500m)
- Ordering no. 07AX250PLUS / 07AX500PLUS

**OPTEX AX-350TF / 650TF**

## Extended Long Range Photoelectric Active Infrared Beam



- No crosstalk using selectable beam frequencies
- Reliable detection with ATPC (Automatic Transmission Power Control) in spite of environmental changes
- Trouble free channel setting
- AX - 350TF - outdoor detection range 100m (max. arrival distance 1000m)
- AX - 650TF - outdoor detection range 200m (max. arrival distance 2000m)
- IP-65 structure
- Simplified optical alignment
- LED which can check beam strength easily
- No need for beam blocking plate
- Alignment without voltmeter
- 5 year limited warranty
- Ordering no. 07AX350TF / 07AX650TF

### Intrepid MicroPoint Cable System

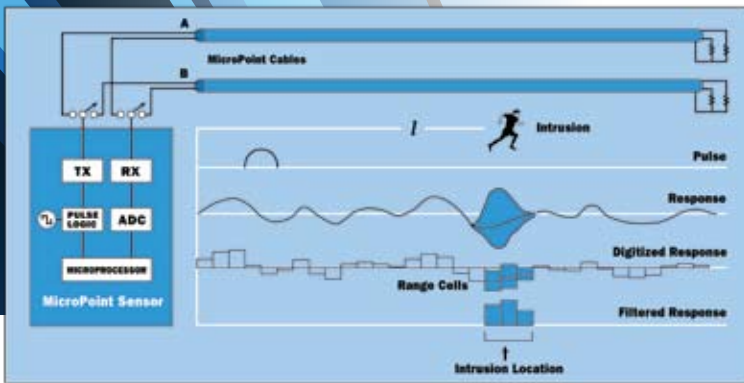


MicroPoint™ Cable from SouthWest Microwave detects any fence disturbance and locates it to within 3m. Precise location allows proprietary digital signal processing (DSP) algorithms to detect any attempt to cut or climb the fence while ignoring distributed noise from wind, rain or heavy vehicles. Reliable detection is assured.

MicroPoint Cable is tie wrapped to a chain link fence where it detects vibrations from any cut or climb and precisely locates the point of intrusion. MicroPoint cable transmits alarm data and system status to each module and provides power to these modules and auxiliary sensors along the perimeter. No other equipment or wiring is needed.

MicroPoint Cable software interfaces directly with a personal computer (PC) so that your computer becomes the installation test set, graphic map, and alarm monitoring display. Installed cost is very low!

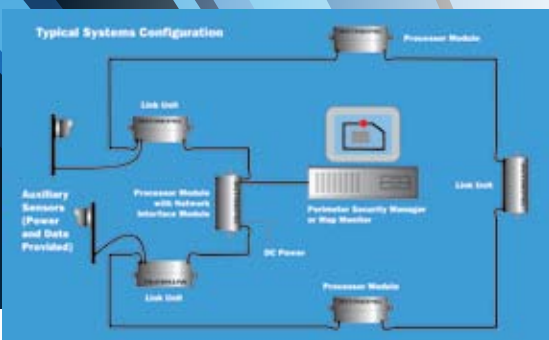
### MicroPoint Sensor – Detection Concept



### System Features

- MicroPoint Detection with location to 3m
- Sensitivity Leveling™ for varying fence conditions
- Free Format Zoning eliminates hardware constraints in system design
- Point Impact Discrimination increases detection without increasing nuisance alarms
- MicroPoint cable with integrated power and data for reduced installation costs
- Windows® based PC installation

### Typical Systems Configuration



### System Components

- Map Monitor Software
- Advanced Map Monitor Software
- Processor Module
- TEF ZEL Cable Ties
- Cable
- Link Unit
- Isolated Link Unit
- Termination Unit
- Network Interface Module
- Relay Module
- RS232 Adaptor
- RS422 / 485 Adaptor
- Signal Control Unit

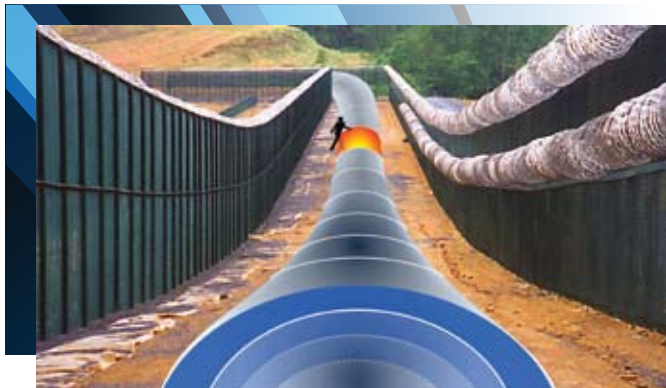
- Ordering no. 6415890-A01
- Ordering no. 6415894-A01
- Ordering no. PM
- Ordering no. 26A46121-A01
- Ordering no. MC115-100/200
- Ordering no. LU
- Ordering no. ILU
- Ordering no. TU
- Ordering no. NIM
- Ordering no. RM
- Ordering no. 232A
- Ordering no. 422A
- Ordering no. SCU

For more information on SouthWest's MicroPoint Perimeter System, please contact your nearest Elvey branch.



## BURIED CABLE DETECTION SYSTEMS

## Intrepid MicroTrack

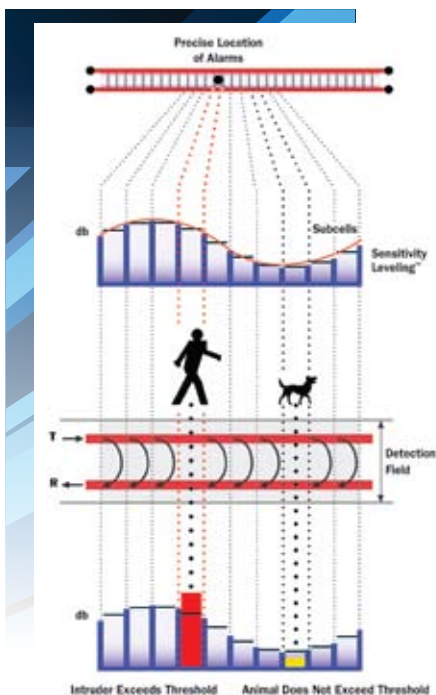


MicroTrack™ from SouthWest Microwave is a revolutionary buried cable detection system for applications where covert perimeter protection is essential. MicroTrack is a volumetric, terrain-following sensor that reliably detects and precisely locates walking, running or crawling intruders along a facility's perimeter.

With a coverage range of 400m per processor, the MicroTrack system consists of a MicroTrack processor unit and two 200-meter sensor cable pairs that may be buried along a facility's perimeter in soil, asphalt or concrete. A detection field is created around each pair of sensor cables, enabling the detection of intrusions.

MicroTrack pinpoints the location of perimeter disturbances using a target's spatial and time signatures to discriminate legitimate intrusions from harmless disturbances caused by small animals or environmental factors such as wind, rain or snow. The system's high signal-to-noise ratio and precise target location produce superior probability of detection and a very low false/ nuisance alarm rate.

## Principles of Detection and Location



MicroTrack sensor cables are divided into subcells via system software. There are typically 100 subcells per 200 m cable pair.

To initiate detection, the MicroTrack processor sends out ultra wide-band, coded RF signals via the transmit cable. As these signals couple with the receive cable, an invisible electromagnetic detection field is generated above and below the ground surface and along the cable pair.

When a target enters the detection field, the receive cable picks up the altered signal in the disturbed field and transmits it to the processor. The processor analyzes the phase and amplitude of the altered signal and compares this with the calibrated threshold. If the target exceeds the threshold, an alarm is declared and its precise location identified.

## System Features

- Intrusion location to 3m
- Invisible detection field
- Terrain following capability
- Site-adaptive Sensitivity Leveling™
- Software-controlled detection zones
- Direct high level interface

## System Components

- |  |                             |
|--|-----------------------------|
| · MicroTrack Installation/ Service Tool Software Version 2.0 | Ordering no. 64A46113-A01   |
| · MicroTrack Processor Module                                | Ordering no. MTP            |
| · MicroTrack NEMA 4 Metal Enclosure for MTP                  | Ordering no. MTE-ME         |
| · MicroTrack NEMA 4X SS Metal Enclosure for MTP              | Ordering no. MTE-SS         |
| · Cable  | Ordering no. MTC400-110/210 |
| · Caution Tape   | Ordering no. 27A46244-A01   |
| · MicroTrack Termination Unit                                | Ordering no. MTT            |
| · MicroTrack In-Line Termination Unit                        | Ordering no. MTI            |
| · Relay Control Module with Weatherproof Enclosure           | Ordering no. RCM            |
| · Modem Kit for Remote Service                               | Ordering no. 01A15028-A01   |
| · Converter Kit  | Ordering no. 01A15183-A01   |
| · Splice Unit  | Ordering no. SU             |
| · Cut Simulator Tool   | Ordering no. 26D14875-A01   |

For more information on SouthWest's MicroPoint Perimeter System, please contact your nearest Elvey branch.

## BEAM ENCLOSURES

### BUNKER CAV-2\*

1m Lantern Enclosure Paired 180°



- Suitable to be installed in any garden discretely
- Able to house most of the twin photoelectric beams
- Illumination system provides light to the place where it has been installed
- Can either be mounted directly onto the floor or by using the optional floor bracket
- Up to 3 twin beam units, in any Tx and Rx combination
- Height: 1m
- Aluminium structure
- Black polycarbonate tube with UV treatment
- Ordering no. 23CAV2

### BUNKER CAV-W\*

0.5m Lantern Enclosure - 180°



- An excellent alternative to protect the close proximity of any building
- Able to house most of the twin photoelectric beams
- Illumination system provides light to the place where it has been installed
- Enables the installation of a twin beam unit, in any Tx and Rx combination
- Height: 58.45cm
- Aluminium structure
- Black polycarbonate tube with UV treatment
- Ordering no. 23CAV-W

### BUNKER MALTA-2\*

Enclosure Lamp Tower Paired



- The aesthetic and discreet integration makes this neither evident nor conspicuous to possible intruders
- The overall appearance is a black garden lamp tower that disguises the placement of the beams
- Can be mounted directly onto the floor or using the optional floor bracket
- Up to 6 twin beam units, in any Tx and Rx combination
- Height: 1.85m
- Aluminium structure
- Polycarbonate tube with UV treatment
- Ordering no. 23MALTA2

### BUNKER MB-150\* / MB-200\*

Enclosure Beam Tower - 180°



- Robust and the discreet enclosure, resistant to vandal acts
- Special design allows a 180° protection range, giving the beams the possibility to be mounted at any height within the tower
- Structure: anodized black aluminium
- Shields: polycarbonate with UV treatment
- Ordering no. 23MB150 (1.5m height)
- Ordering no. 23MB200 (2m height)

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## BUNKER PT-150\* / PT-200\*

Enclosure Beam Tower 360°



- Able to contain most of the photoelectric beam products of the market
- Providing single or multiple beam options
- Allows a 360° protection range, giving the beams the possibility to be mounted back to back at any height within the tower
- Height: 1.5m and 2m
- Structure: anodized black aluminium
- Shields: polycarbonate with UV treatment
- Ordering no. 23PT150 (1.5m height)
- Ordering no. 23PT200 (2m height)

## AS SSP-01 / SSP-02

Square Beam Post



- SSP-01 : 1.2m
- SSP-02 : 2.1m
- Electrogalvanised finished
- Includes base plate, top cap and adjusting nuts and bolts
- Ordering no. 09SSP01 / 09SSP02

## AS WMB-01

Wall Mount Bracket for VX/AX



- Combo white epoxy coated
- 2 x sprags
- 100mm conduit and fixing nuts and bolts
- Ordering no. 09WMB01

## AS WMB-02

Wall Mount Bracket for BX



- White epoxy coated
- 2 x sprags
- 100mm conduit and fixing nuts and bolts
- Ordering no. 09WMB02

## NETWORK KITS

### NETWORK NX4-NX108 Kit

4-8 Zone (Zone Doubling) Control Panel with 8 Zone LED Keypad



- NetworX NX-4 control panel
- 1 x NX-108 8 zone LED keypad
- 2 x Standard PIRs
- 2 x Magnetic contacts
- 2 x EPBs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 1 x Siren
- Cable not included
- Ordering no. 16NX4-NX108KIT
- Pet-friendly PIRs available in 16NX4-NX108KIT-PET

### NETWORK NX6-NX116 Kit

6-12 Zone (Zone Doubling) Control Panel with 16 Zone LED Keypad



- NetworX NX-6 control panel
- 1 x NX-116 16 zone LED keypad
- 2 x Standard PIRs
- 2 x Magnetic contacts
- 2 x EPBs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 1 x Siren
- Cable not included
- Ordering no. 16NX6-NX116KIT
- Pet-friendly PIRs available in 16NX6-NX116KIT-PET

### NETWORK NX8-NX116 Kit

8-16 Zone (Zone Doubling) Control Panel with 16 Zone LED Keypad



- NetworX NX-8 control panel
- 1 x NX-116 16 zone LED keypad
- 6 x Standard PIRs
- 4 x Magnetic contacts
- 2 x EPBs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 1 x Siren
- Cable not included
- Ordering no. 16NX8-NX116KIT
- Pet-friendly PIRs available in 16NX8-NX116KIT-PET

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## NETWORKX KITS

### NETWORKX NX8-NX1348E Kit

8-16 Zone (Zone Doubling) Control Panel with ICON Keypad



- NetworX NX-8 control panel
- 1 x NX-1348 ICON keypad
- 6 x Standard PIRs
- 4 x Magnetic contacts
- 2 x EPBs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 1 x Siren
- Cable not included
- Ordering no. 16NX8-NX1348EKIT
- Pet-friendly PIRs available in 16NX8-NX1348EKIT-PET

### NETWORKX NX8-NX148E Kit

8-16 Zone (Zone Doubling) Control Panel with LCD Keypad



- NetworX NX-8 control panel
- 1 x NX-148E LCD keypad
- 6 x Standard PIRs
- 4 x Magnetic contacts
- 2 x EPBs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 1 x Siren
- Cable not included
- Ordering no. 16NX8-NX148EKIT
- Pet-friendly PIRs available in 16NX8-NX148EKIT-PET

## DSC KITS

### DSC PowerSeries PC1808SZA Kit

8 Zone Control Panel with 8 Zone LED Keypad



- PowerSeries PC1808 control panel
- PC1555RKZ 8 zone LED keypad
- 2 x Standard PIRs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 2 x Magnetic contacts
- 1 x Siren
- 2 x EPBs
- Cable not included
- Ordering no. 22PC1808SZAKIT
- Pet-friendly PIRs available in 22PC1808SZAKIT-PET

### DSC PowerSeries PC1808S1ZA Kit

8 Zone Control Panel with 8 Zone LED Keypad



- PowerSeries PC1808 control panel
- PK5508 8 zone LED keypad
- 2 x Standard PIRs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 2 x Magnetic contacts
- 1 x Siren
- 2 x EPBs
- Cable not included
- Ordering no. 22PC1808S1ZAKIT
- Pet-friendly PIRs available in 22PC1808S1ZAKIT-PET

## DSC KITS

**DSC PowerSeries PC1864-PK5516E1 Kit**

8-64 Zone Control Panel with 16 Zone LED Keypad &amp; Zone Expander



- PowerSeries PC1864 control panel
- PK5516 16 zone LED keypad
- 1 x PC5108 8 zone expander
- 6 x Standard PIRs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 4 x Magnetic contacts
- 1 x Siren
- 2 x EPBs
- Cable not included
- Ordering no. 22PC1864-PK5516KIT
- Pet-friendly PIRs available in 22PC1864-PK5516E1KIT-PET

**DSC PowerSeries PC1864-14ZA Kit**

8-64 Zone Control Panel with ICON Keypad &amp; Zone Expander



- PowerSeries PC1864 zone control panel
- PK5501 ICON keypad
- 1 x PC5108 8 zone expander
- 6 x Standard PIRs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 4 x Magnetic contacts
- 1 x Siren
- 2 x EPBs/Cable not included
- Ordering no. 22PC1864-14ZAKIT
- Pet-friendly PIRs available in 22PC1864-14ZAKIT-PET

**DSC PowerSeries PC1864-15ZA Kit**

8-64 Zone Control Panel with LCD Keypad &amp; Zone Expander



- PowerSeries PC1864 control panel
- PK5500E1 LCD keypad
- 1 x PC5108 8 zone expander
- 6 x Standard PIRs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 4 x Magnetic contacts
- 1 x Siren
- 2 x EPBs
- Cable not included
- Ordering no. 22PC186415ZAKIT
- Pet-friendly PIRs available in 22PC186415ZAKIT-PET

**DSC PowerSeries PC1808-PK5500E1 Wireless Kit**

8-32 Zone Control Panel Wireless Kit



- PowerSeries PC1808 control panel
- PK5500E1 LCD keypad
- 1 x RF5132 32 zone wireless receiver
- 2 x Wireless PIRs
- 1 x 50 VA Transformer
- 1 x 7 a/h Battery
- 2 x Wireless magnetic contacts
- 1 x Siren
- Cable not included
- Ordering no. 22PC1808-PK5500E1KIT-WLS



## DSC KITS

### DSC RF5132 Wireless Receiver Kit

32 Zone Wireless Receiver Kit



- 1 x RF5132 Wireless receiver
- 2 x Wireless PIRs
- 2 x Wireless magnetic contacts
- Ordering no. 22RF5132KIT

### DSC PC5320 Extended Wireless Kit

Extended Wireless Kit



- 1 x PC5320 Multiple wireless receiver module
- 2 x RF5132 Wireless receivers
- Up to a maximum of 4 x RF5132 receivers
- Ordering no. 22PC5320KIT

## OPTEX KITS

### OPTEX VX402R DSC Kit

VX-402R Wireless Outdoor Boundary PIR Kit for DSC



- Kit includes
- 1 x Optex VX-402R
  - 1 x DSC WS4945W transmitter
  - Ordering no. 07VX402RKIT-DSC

### OPTEX VX-402R NETWORKX Kit

VX-402R Wireless Outdoor Boundary PIR Kit for Networkx



- Kit includes
- 1 x Optex VX-402R
  - 1 x NetworkX NX-450i transmitter
  - Ordering no. 07VX402RKIT-NX

### OPTEX VX402R RSI Kit

VX-402R Wireless Outdoor Boundary PIR Kit for RSI



- Kit includes
- 1 x Optex VX-402R
  - 1 x RSI CT200 transmitter
  - Ordering no. 07VX402RKIT-RSI

### OPTEX BX80NR DSC Kit

BX-80NR Wireless Outdoor Boundary PIR Kit for DSC



- Kit includes
- 1 x Optex BX-80NR
  - 1 x WS4945W transmitter
  - Ordering no. 07BX80NRKIT- DSC

### OPTEX BX80NR NETWORKX Kit

BX-80NR Wireless Outdoor Boundary PIR Kit for NetworkX



- Kit includes
- 1 x Optex BX-80NR
  - 1 x NetworkX NX-450i transmitter
  - Ordering no. 07BX80NRKIT-NX

### OPTEX BX80NR RSI Kit

BX-80NR Wireless Outdoor Boundary PIR Kit for RSI



- Kit includes
- 1 x Optex BX-80NR
  - 1 x RSI CT200 transmitter
  - Ordering no. 07BX80NRKIT-RSI



## OPTEx KITS

**OPTEx AX-100TFR / AX-200TFR DSC Kit**

AX-100TFR 30m / AX-200TFR 60m Wireless Dual Photoelectric Active Beam Kit for DSC



## Kit includes

- 1 x Optex AX-100TFR or AX-200TFR
- 4 x LSH20 long-life battery
- 1 x DSC WS4945W transmitter
- Optional tamper monitoring - add 2 additional transmitters
- Ordering no. 07AX100TFRKIT-DSC
- Ordering no. 07AX200TFRKIT-DSC

**OPTEx AX-100TFR / AX-200TFR NETWORKX Kit**

AX-100TFR 30m / AX-200TFR 60m Wireless Dual Photoelectric Active Beam Kit for NETWORKX



## Kit includes

- 1 x Optex AX-100TFR or AX-200TFR
- 4 x LSH20 long-life battery
- 1 x NetworX NX-450i transmitter
- Optional tamper monitoring - add 2 additional transmitters
- Ordering no. 07AX100TFRKIT-NX
- Ordering no. 07AX200TFRKIT-NX

**OPTEx HX-40RAM DSC Kit**

HX-40RAM Wireless Outdoor High Mount Detector with Anti-Masking Technology Kit for DSC



## Kit includes

- 1 x Optex HX-40RAM
- 1 x DSC WS4945W transmitter
- 3 x LSH20 long-life battery
- Ordering no. 07HX40RAMKIT-DSC

**OPTEx HX-40RAM NETWORKX Kit**

HX-40RAM Wireless Outdoor High Mount Detector with Anti-Masking Technology Kit for NETWORKX



## Kit includes

- 1 x Optex HX-40RAM
- 1 x NetworX NX-450i transmitter
- 3 x LSH20 long-life battery
- Ordering no. 07HX40RAMKIT-NX

## OPTEX KITS

### OPTEX HX-40RAM RSI Kit

HX-40RAM Wireless Outdoor High Mount Detector with Anti-Masking Technology Kit for RSI



Kit includes

- 1 x Optex HX-40RAM
- 1 x RSI CT200 transmitter
- 3 x LSH20 long-life battery
- Ordering no. 07HX40RAMKIT-NX

## NETWORX CONTROL PANELS

A range of control panels offering all the basic features and more that you require from an alarm at a very economical price. Easy to use control panels, tried and tested and very popular with customers and installers alike due to its simplicity and reliability.

### 4 -12 Zone Control Panels

#### NETWORX NX-4NK-V2

4 - 8 Zone Control Panel



- 8 codes, expandable to 8 zones by using zone doubling option or wireless
- 4 fully programmable zones
- Expandable to 8 fully programmable
- Hardwire and/or wireless zones
- Maximum of 8 keypads with 1 partition
- 512-Event history log that provides Date, Time, Event and User Number
- Wireless technology with up to 8 supervised zones
- Hardwire expansion up to 8 supervised zones
- Wireless expansion up to 8 Zones
- Supports SIA and Contact ID communication formats
- Ordering no. 16NX4NK-V2

#### NETWORX NX-6-V2

6 - 12 Zone Control Panel



- Expandable to 12 zones with 2 partitions, 40 codes, 2 auxiliary outputs (expandable) and 512 event log
- Expandable to 12 hardwire/ 16 wireless zones
- Maximum of 8 keypads with up to 8 per partition
- Up to 2 true partitions with separate account codes, Entry/Exit Delays, and feature selection for each Partition
- 512-Event history log that provides Date, Time, Event and User Number
- Hardwire expansion up to 12 zones
- Wireless expansion up to 16 zones
- Supports SIA And Contact ID communication formats
- Ordering no. 16NX6-V2

## 8-192 ZONE CONTROL PANELS

Security systems are more important now than ever before. For homeowners and large corporate offices alike, protecting assets and ensuring privacy has become of paramount importance. Luckily, today's technology allows for a great deal of flexibility when it comes to alarm systems, allowing everyone access to this basic form of protection.

**NETWORX NX8-V2**

8 - 48 Zone Control Panel Only



- Expandable to 48 zones with 8 partitions, 99 codes, 4 auxiliary outputs (expandable) and 512 event log. Excludes keypad
- 8 Fully programmable zones
- Wired and/or wireless expandable up to 48 zones
- Maximum of 24 keypads with up to 8 per partition
- 512-event history log that provides Date, Time, Event And User Number
- Supports SIA and Contact ID communication formats
- Ordering no. 16NX8-V2

**NETWORX NX-8E**

8 - 192 Zone Control Panel Only



- Expandable to 192 zones with 8 partitions, 240 codes, Onboard RS-232 port and 2 Amp Power supply. Excludes keypad
- 8 Fully programmable zones, expandable to 192 hardwired zones
- Hardwire/wireless hybrid
- 8 true partitions
- 30 Customizable pre-configured zone types
- Up/downloadable with competitor lockout
- Modular design with slide in PC boards
- 2 Programmable relays (1 NC/1 NO)
- Maximum 32 keypads per system (8 per partition)
- Automatic arming with auto retry
- Ordering no. 16NX8E

## NETWORX KEYPADS

Everything from simple LED keypads to programmable LCD keypads to suit all needs. Available in a variety of styles with features such as one-touch function keys for ultimate ease of use.

**NETWORX NX-108**

Programmable 8 Zone LED Keypad



- 8 Zone LED keypad, without door
- Backlit keys and full annunciation of system status
- 5 special function keys for simplified operation
- 3 keypad activated emergency alarms (fire, medical, panic)
- Full keypad supervision
- Ordering no. 16NX108

**NETWORX NX-116**

Programmable 16 Zone LED Keypad



- 16 zones LED keypad, without door
- Backlit keys and full annunciation of system status
- 5 special function keys for simplified operation
- 3 keypad activated emergency alarms (fire, medical, panic)
- Full keypad supervision
- Ordering no. 16NX116

**NETWORX NX-124**

Programmable 24 Zone LED Keypad



- 24 zone LED keypad, without door
- Backlit keys and full annunciation of system status
- 5 special function keys for simplified operation
- 3 keypad activated emergency alarms (fire, medical, panic)
- Full keypad supervision
- Ordering no. 16NX124

## NETWORX KEYPADS

### NETWORX NX-1348E

48 Zone ICON Keypad with Removable Door



- ICON design keypad with removable door
- Backlit keys and full annunciation of system status
- 5 function keys for simplified operation
- 3 keypad activated emergency alarms (fire, medical, panic)
- Full keypad supervision
- Compatible with all NetworX panels
- Ordering no. 16NX1348E

### NETWORX NX-148E

Fully Customizable LCD Keypad



- LCD design keypad with removable door
- Large 2x16 character LCD display
- Adjustable backlit display and full annunciation of system status
- 5 function keys for simplified operation
- 3 keypad activated emergency alarms (fire & medical, panic)
- Full keypad supervision
- Menu driven operation
- Compatible with all NetworX panels
- Ordering no. 16NX148E

### NETWORX NX-1248E

Fully Customizable LCD Keypad with Night Mode Key - up to 192 zones



- LCD keypad with "reversed" display with door
- 4 User friendly function keys
- Menu driven user functions
- Additional "Night mode" button
- Ordering no. 16NX1248E

## NETWORX EXPANDER MODULES

### NETWORX NX-216-Z8

8 Zone Expander Module for NX-8



- 8 zones expansion (max. 5 modules)
- Remotely distributed configuration : can be installed up to 800m from the panel
- Box tamper input
- Equipped with a power isolator
- Ordering no. 16NX216-Z8

### NETWORX NX-216 / 216E

16 Zone Expander Module for NX-8 / NX-8E



- Expansion by 8 or 16 zones (max. 5 modules)
- Remotely distributed configuration : can be installed up to 800m from the panel
- Box tamper input
- Equipped with a power isolator
- Ordering no. 16NX216 (for NX-8)
- Ordering no. 16NX216E (for NX-8E)

## NETWORX PROGRAMMABLE OUTPUT EXPANDER MODULES

### NETWORX NX-507

Output Module with 7 Relays and 1 open collector



- 7 programmable relay outputs
- Max. eight NX-507BO modules per system (64 outputs in total)
- X-10 compatible
- Box tamper input
- Separate auxiliary power supervision
- Auxiliary power output of 100 mA
- 8 programmable schedules
- Ordering no. 16NX507BO

### NETWORX NX-508

Low Current Output Module



- 8 Low Current Output modules for use on all NX panels includes parallel printer port
- Up to 8 modules per system
- Additional tamper input
- X-10 output
- Ordering no. 16NX508

## NETWORX GSM/GPRS COMMUNICATION MODULE

The latest in digital wireless telecommunication for high-speed data transmission.

### NETWORX NX-7002

GSM/GPRS Communication Module



- SMS control from cellphone
- Backup solution for PSTN, ISDN or TCP/IP
- Wireless event reporting
- Alarm reporting using SMS
- Analogue reporting using the audio channel (all panel protocols supported)
- Voice reporting in combination with the NX-535
- SIA and Contact ID reporting using TCP/IP over GPRS
- Wireless upload/download using GSM data channel or GPRS
- Remote system operation and 2-way audio in combination with NX-534E module
- Four programmable report destinations
- Fully compatible with the Osborne Hoffman network
- Ordering no. 16NX-7002

## NETWORX WIRELESS RECEIVER

### NETWORX NX-408i /416E-i/448E-i\*

8/16/48 Zone Supervised Wireless Receiver



- 8/16/48 Zone supervised wireless receivers - 433MHz
- Supervision of all transmitters every 64 minutes
- Jam detection
- Keypad annunciation of alarm, tamper, low battery and lost transmitter
- Tamper switch and antenna tamper detection
- Ordering no. 16NX408i for 8 zone receiver
- Ordering no. 16NX416Ei for 16 zone receiver
- Ordering no. 16NX448Ei for 48 zone receiver

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## NETWORX WIRELESS RECEIVER

### NETWORX 60-841-43EUR Wireless Repeater



- For use on all NX-Series wireless
- Ordering no. 1660-841-43EUR

### NETWORX NX-469 Wireless Receiver Enclosure



- Wireless receiver enclosure
- Ordering no. 16NX469

## NETWORX WIRELESS DETECTORS / DEVICES

Wireless is easy to use, no messy and expensive wiring is required to install the system. Expandability is easy, you can add different kinds of accessories to the system to create a more complex system as your future needs may require.

### NETWORX NX-450i / NX451i Wireless Door / Window Sensor



- White (NX-450i)/Brown (NX-451i) Wireless Door/Window Sensor
- 2 Internal reeds switches for horizontal or vertical mounting
- Powered with 3.6V Lithium battery
- Supervised transmission
- Additional input for NO/NC contact
- Transmission range up to 150m (open air)
- Ordering no. 16NX450Ni
- Ordering no. 16NX451Ni

### NETWORX NX-455-i\* Wireless Recessed Micro Magnetic Contact



- Recessed door/windows sensor
- Ideal for upmarket applications
- Compact size ensuring effortless and discrete installation
- Supervised transmission
- Tamper switch
- Trouble and low battery indication
- Ordering no. 16NX455-i

### NETWORX NX-475i Wireless Water Resistant Panic Pendant



- Water and shock resistant
- Allows to activate 24 hours alarm (police, medical, fire)
- Transmission range up to 150m (open air)
- Ordering no. 16NX475i

\*These items are on-order only and may subject to a 4 - 6 week lead time.



## NETWORX WIRELESS DETECTORS / DEVICES

### NETWORX NX-470i

Wireless Four Button Key fob



- Arm / Disarm buttons
- Star Button: Re-exit function
- Light Button: Arm system in Stay/ Instant mode
- Medical and Panic alarm
- Programmable to trigger on additional output
- Transmission range up to 150m (open air)
- Ordering no. 16NX470i

### NETWORX NX-476i\*

Wireless Wristwatch Panic Button



- Transmission range up to 110m (open air)
- Water resistant
- Supplied with adapters to be mounted on a wall, worn as a belt clip, as a watch or as a pendant
- Allows to activate 24-hour alarm (police, medical, fire)
- Ordering no. 16NX476i

### NETWORX NX-480i / NX481i

Wireless PIR 11m x 12m Detection Area



- Powered with two AA alkaline batteries
- Transmission range up to 150m (open air)
- 3 Minutes transmitter lock out time after each detection (extends battery life)
- Standard/high sensitivity setting
- Ordering no. 16NX480i (Standard Model), 16NX481i (Pet-Friendly Model)

### NETWORX NX-491NTi\*

Wireless Photoelectric Smoke Detector with Built-In Sounder



- Photoelectric smoke sensor with built in sounder and status LED
- Transmission range up to 150m (open air)
- Tamper switch
- Ordering no. 16NX491NT-i

### NETWORX NX-487

Wireless Glass Break Sensor



- Detection coverage of up to 7.6m in any direction
- Includes a flex and audio microphone
- Adjustable flex sensitivity
- Nominal 6 years battery life
- Ordering no. 16NX487

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## NETWORK VARIOUS ADD-ON MODULES

### NETWORK NX-535 Voice Speech Module



- Message can be assigned to events
- 15 alarm (event) messages
- Easy programming through telephone handset
- Kiss-off voice message to acknowledge alarm
- Ordering no. 16NX535

### NETWORK NX-320 Smart Power Supply & Bus Extender



- Smart Power Supply and Bus extender for use on NX-8 and NX8-E control panels
- Provides up to 2 amps of additional 12 volt auxiliary power
- Allows the bus circuit to be extended up to 800m for larger installations
- Ordering no. 16NX320

## NETWORK INTERNET COMMUNICATION MODULE

### NETWORK NX-590E TCP / IP Internet / Intranet Reporting Module



- Works in conjunction with Osborne Hoffman TCP/IP Base Station or OH receiver software
- Alarm reporting towards OH receiver
- Email reporting to 2 email accounts
- Up/downloading
- Home Automation
- Small bandwidth used
- Ordering no. 16NX590E

## NETWORK READER AND ACCESSORIES

### NETWORK NX-1701E Proximity Card Reader



- Uses proximity cards or keyfobs
- Connect up to 15 readers to NX-8 and NX-8E control panel
- 3 Scan functions: "Single", "Double" and "Single Hold" scan mode
- Enrol cards and keyfobs individually or by batches
- Add and delete users with DL900 software
- One low-current trigger output for door strike/magnetic lock
- Ordering no. 16NX1701E

## NETWORX READER AND ACCESSORIES

### NETWORX NX-1710E Wiegand Interface Module



- Single door control module enables NetworX panels to interface with Wiegand card readers
- Support a maximum of 8 modules per NetworX panels
- Ordering no. 16NX1710E

### NETWORX NX-1705E Proximity Card for NX-1701E



- Smart Card
- Ordering no. 16NX1705E

### NETWORX NX-1706E Proximity Tag for NX-1701E



- Smart Fob
- Ordering no. 16NX1706E

## NETWORX - INSTALLATION ACCESSORY

### NETWORX MOD6000 Up and Downloading Modem



- Ordering no. 16MOD6000

### NETWORX NX-586 Direct Connection DLS



- Store up to four (4) NetworX alarm configurations
- For use on all Networks panels
- 4 storage slots onboard
- 9 pin com port only
- A must for professional installers
- Ordering no. 16NX586

### NETWORX NX-4 / 6 Metal Enclosure



- NX 6 Metal Enclosure
- Ordering no.
  - 16NX-002\* (for NX-4)
  - 16NX-003NX6\* (for NX-6)

## NETWORX NX-10 BI-DIRECTIONAL WIRELESS SECURITY SYSTEM

GE NetworX's NX-10 system offers your residential and SME clients a full-featured wireless security system. It comes with a complete range of wireless 868MHz GEN2 components and... a fully wireless bi-directional designer keypad!

Its stylish housing discreetly blends in with every home décor. And its batteries with a guaranteed three-year lifetime, offer you and your clients an exceptionally long period of perfect peace of mind.

The integrated GSM/GPRS module represents a new level of instantaneous monitoring power. SMS messages from the system, inform the user of what kind of event has occurred. Conversely, the same user can control their NX-10 security system via SMS.

### NetworX NX-10 GSM EUR\*

868MHz Gen2 48 Zone Full Wireless Control Panel with GSM



- Out-of-the-box full wireless system
- Up to 48 zones
- 2 hardwired zones on board
- Compatible with NX expander
- Menu-driven or location programming
- Integrated GSM/GPRS module
- 4 partitions
- 512 events log file
- Ordering no. 16NX10-GSM-EUR

### NetworX NX-10 EUR\*

868MHz Gen2 48 Zone Full Wireless Control Panel



- 48 wireless zones
- 2 hardwired zones on board
- Compatible with NX expander
- Menu-driven or location programming
- 4 partitions
- 512 events log file
- Ordering no. 16NX10-EUR

### NetworX NX-1048-R-W\*

868MHz Gen2 Wireless LCD Menu Keypad



- Designer housing
- 2 way wireless operation
- 3 years nominal battery life
- Independent battery sets for backlight and operation
- Text and icon display
- White LCD and key backlight
- Removable from bracket for portable use
- Level glass in bracket
- Ordering no. 16NX-1048-R-W

\*These items may subject to a 4 - 6 week lead time.

## NETWORX NX-10 BI-DIRECTIONAL WIRELESS SECURITY SYSTEM

### NetworX NX-1048-W\*

Wired LCD Menu Keypad



- Designer housing
- Text and icon display
- White LCD and key backlight
- NetworX panel compatible
- Menu or location programming support
- Ordering no. 16NX-1048-W

### NetworX TX-7001-05-1\*

868MHz Gen2 Wireless Indoor Siren



- Full wireless solution: communication and power
- Easy learn-in procedure
- Pry-off and opening tamper protection
- Ordering no. 16TX-7001-05-1

### NetworX TX-7201-05-1\*

868MHz Gen2 Wireless Outdoor Siren



- Full wireless solution: communication and power
- Easy learn-in procedure
- Pry-off and opening tamper protection
- Ordering no. 16TX-7201-05-1

### NetworX TX-2211-03-1\*

868MHz Gen2 Wireless PIR Motion Sensor



- Learn-mode technology
- Volumetric coverage 10 / 16 m
- Precision "Gliding Focus Curtain" mirror
- Custom ASIC with "4D"-processing
- Bi-curtain processing for harsh environments
- Nominal 3 years battery life
- Ordering no. 16TX-2211-03-1

### NetworX TX-2411-03-1\*

868MHz Gen2 Wireless Microwave/PIR Dual Motion Sensor



- Learn-mode technology
- Volumetric coverage 8m / 12 m
- Precision "Gliding Focus Curtain" mirror
- Custom ASIC with "4D"-processing
- Bi-curtain processing for harsh environments
- Microwave higher immunity by using C-band W
- Reduced chance for nuisance alarm by range-controlled radar
- Nominal 3 years battery life
- Easy installation and service by double removable back-plate
- Ordering no. 16TX-2411-03-1

\*These items may subject to a 4 - 6 week lead time.

## NetworX TX-1011-03-1\* / TX-1011-03-3\*

868MHz Gen2 Slimline Door / Window Sensor



- Learn-mode technology
- Supervised transmissions
- More than 3 years battery life
- Available in white / brown
- Ordering no.
  - White - 16TX-1011-03-1
  - Brown - 16TX-1011-03-3

## NetworX TX-1211-03-1\* / TX-1211-03-3\*

868MHz Gen2 Longlife Door / Window Sensor



- Learn-mode technology
- Supervised transmissions
- Nominal 6 years battery life using two batteries
- Available in white / brown
- Ordering no.
  - White - 16TX-1211-03-1
  - Brown - 16TX-1211-03-3

## NetworX TX-6211-03-1\*

868MHz Gen2 Wireless Optical Smoke / Heat Sensor



- Learn-mode technology
- Sensor tamper switch
- Built-in sounder for alarm
- Visual status LED
- CleanMe© signal
- Maintenance alert
- Low battery signal
- Replaceable optical chamber
- Ordering no. 16TX-6211-03-1

## NetworX TX-4131-03-2\*

868MHz Gen2 4-Button Wireless Keyfob



- Learn-mode technology
- Full arm, part arm and disarm plus two additional programmable buttons
- Four colour coded ribbon rings for user personalisation
- Ordering no. 16TX-4131-03-2

## NetworX TX-8001-05-1\*

868MHz Gen2 Input/Output Module



- Easy learn-in procedure
- Module with 2 event-assigned outputs
- Box tamper input
- Supervision on wireless communication
- Maximum 4 I/O-modules (incl sirens) to an NX-10 system
- Ordering no. 16TX-8001-05-1

\*These items may subject to a 4 - 6 week lead time.



## DSC CONTROL PANELS

Achieve a balance between reliable security and refined functionality by installing next-generation POWERSERIES products. These products have electrified the industry in the provision of unprecedented levels of convenience, comfort and control.

The latest in the POWERSERIES product platform includes three new control panels. Each shares a universal hardware/software design to ensure equal and rich features with easy future expandability.

### DSC PowerSeries 8 – 64 Zone Control Panels

#### DSC PC1808NK

PowerSeries 8 Zone Control Panel



- 8 on-board zones
- 32 wireless zones
- 4 PGM outputs: expandable to 14 (PC5204, PC5208)
- 8 partitions
- 500-event buffer
- Ordering no. 22PC1808-NK

#### DSC PC1808SZA

PowerSeries 8 Zone Control Panel with LED Keypad



- 8 on-board zones
- 32 wireless zones
- 4 PGM outputs: expandable to 14 (PC5204, PC5208)
- 8 partitions
- 500-event buffer
- Included a PC1555Z LED keypad
- Ordering no. 22PC1808SZA

#### DSC PC1808S1ZA

PowerSeries 8 Zone Control Panel with LED Keypad



- 8 on-board zones
- 32 wireless zones
- 4 PGM outputs: expandable to 14 (PC5204, PC5208)
- 8 partitions
- 500-event buffer
- Included a PK55081ZA LED Keypad
- Ordering no. 22PC1808S1ZA

#### DSC PC1832NKZA

PowerSeries 8 - 32 Zone Control Panel



- 8 on-board zones
- 32 hardwired zones
- 32 wireless zones
- 2 PGM outputs: expandable to 14 (PC5204, PC5208)
- 4 partitions
- 500-event buffer
- EN-50131-1/3 compliant
- Ordering no. 22PC1832NKZA

#### DSC PC1864L14ZA

PowerSeries 8 - 64 zone Control Panel with ICON Keypad



- 8 on-board zones
- 64 hardwired zones
- 32 wireless zones
- 4 PGM outputs: expandable to 14 (PC5204, PC5208)
- 8 partitions
- 500-event buffer
- EN-50131-1/3 compliant
- Included a PK5501E1 ICON keypad
- Ordering no. 22PC1864L14ZA

#### DSC PC1864L15ZA

PowerSeries 8 - 64 zone Control Panel with LCD Keypad



- 8 on-board zones
- 64 hardwired zones
- 32 wireless zones
- 4 PGM outputs: expandable to 14 (PC5204, PC5208)
- 8 partitions
- 500-event buffer
- EN-50131-1/3 compliant
- Included a PK5500 LCD keypad
- Ordering no. 22PC1864L15ZA

## DSC CONTROL PANELS

### DSC PC1864NK

PowerSeries 8 - 64 zone Control Panel



- 8 on-board zones
- 64 hardwired zones
- 32 wireless zones
- 4 PGM outputs: expandable to 14 (PC5204, PC5208)
- 8 partitions
- 500-event buffer
- EN-50131-1/3 compliant
- Ordering no. 22PC1864-NK

## DSC KEYPADS

POWERSERIES high-quality, slim-profile keypads use advanced plastics technology to achieve a clean, unobtrusive look complimented by easy programmability and installation. The keypads feature an input/output terminal that can be programmed to operate as a zone input, programmable output or low temperature sensor.

### DSC PK5590CL\*

Colour Touch Screen Keypad



- Aesthetically pleasing, modern design
- High-contrast, colour touch screen QVGA display
- Flush-mount
- Intuitive LED indication of security system status
- Auto-adjusting CCFL (Cold Cathode Fluorescent Lighting) backlight
- Compatible with PC1832 and PC1864 control panels
- Ordering no. 22PK5590CL

### DSC PK5500E1

64 Zone LCD Full Message Keypad



- Global partition status
- Full 32-character programmable phrases
- Modern, slim-line landscape keypad
- 5 programmable function keys
- Multiple door chime per zone
- Adjustable backlight and keypad buzzer
- Easy-to-Install mounting hinge
- New AC status ICON
- Supports 32 wireless zones
- Ordering no. 22PK5500E1

### DSC PK5501E1

Fixed English ICON Keypad



- Modern, slim-line landscape keypad
- Enlarged keypad buttons
- 5 programmable function keys
- Multi door chime per zone
- Adjustable backlight and keypad buzzer
- Easy-to-install mounting hinge
- New AC Status ICON
- Odering no.22PK5501E1

\*These items may subject to a 4 - 6 week lead time.

## DSC KEYPADS

**DSC LCD5511\***

64 Zone ICON LCD Keypad



- Modern, slim-line portrait keypad
- Large backlight buttons on keypad
- Intuitive symbols and backlit display
- 4 Programmable function keys
- 8 partition support
- New AC status ICON
- Ordering no. 22LCD5511

**DSC PK5516E1**

16 Zone LED Keypad with Zone Input



- Modern, slim-line landscape keypad
- Enlarged keypad buttons
- 5 Programmable function keys
- Multi door chime per zone
- Adjustable backlight and keypad buzzer
- Easy-to-install mounting hinge
- New AC Status ICON
- Ordering no. 22PK5516E1

**DSC PK5508E1**

8 Zone LED Keypad with Zone Input



- Modern, slim-line landscape keypad
- Enlarged keypad buttons
- 5 programmable function keys
- Multi door chime per zone
- Adjustable backlight and keypad buzzer
- Easy-to-Install mounting hinge
- New AC status ICON
- Ordering no. 22PK5508E1

**DSC LED5511Z**

8 Zone LED Keypad



- Modern, slim-line portrait keypad
- Large and backlit buttons on keypad
- 4 programmable function keys
- 2 partition support
- Dual tamper support
- Ordering no. 22LED5511Z

**DSC PC1555RKZ**

8 Zone Economical LED Keypad



- 8 Zone LED keypad
- LED status lights for zones, status functions
- Zone input
- Ordering no. 22PC1555RKZ

\*These items may subject to a 4 - 6 week lead time.

## DSC ZONE EXPANDER MODULE

### DSC PC5108

8 Hardwire Zone Expander



- Adds 8 hardwire zones
- AUX power, 125mA (PTC protected)
- For PC1808, PC1832 and PC1864
- Ordering no. 22PC5108

## DSC PROGRAMMABLE OUTPUT EXPANDER MODULES

### DSC PC5208/ PC5208-4

Programmable Output Module



- PC5208-4 provides 4 Low current (50mA) PGM voltage outputs
- PC5208 provides 8 low current (50mA) PGM voltage outputs
- For PC1808, PC1832 and PC1864
- Ordering no. 22PC5208-4
- Ordering no. 22PC5208

### DSC PC5204

Power Supply Modules



- Provides up to 1 Amp @ 12Vdc
- Fully supervised for AC failure, low battery and AUX failure
- Adds 4 PGM high voltage outputs
- For PC1808, PC1832 and PC1864
- Connect up to 4 supervised modules on a system
- Ordering no. 22PC5204

## DSC WIRELESS RECEIVERS

### DSC RFK5500E1

64 Zone LCD Full Message Keypad with Integrated 32 Wireless Zones Receiver



- Supports 32 wireless zones
- Global partition status
- Full 32-character programmable phrases
- Modern, slim-line landscape keypad
- 5 programmable function keys
- Multiple door chime per zone
- Adjustable backlight and keypad buzzer
- Easy-to-Install mounting hinge
- New AC status ICON
- Ordering no. 22RFK5500E1

### DSC RF5132-433MHz / 868MHz

Supervised Wireless Receiver Module



- Supports 32 wireless zones, 16 wireless keys
- All wireless detectors are fully supervised for communication integrity
- Compatible with 1808/1832/ 1864 control panel
- Ordering no. 22RF5132-433W
- Ordering no. 22RF5132-868W

### DSC PC5320

Multiple Wireless Receiver Module



- Can be used to connect up to 4 wireless receivers to any PowerSeries control panel for increased coverage
- The PC5320 module supports:
- PC5132-433/RF5132-433 and RF5108-433
- Ordering no. 22PC5320

## DSC WIRELESS DETECTORS / DEVICES

**DSC WS4904W / WS4904PW**

433MHz Wireless Infrared Motion Detector



- Based on the Bravo® 3D hardwire motion detector
- High-traffic shutdown
- 1 long-life lithium battery included
- Pet-friendly model in WS4904PW
- Ordering no. 22WS4904W / 22WS4904PW

**DSC WLS912L-433**

433MHz Wireless Glassbreak Detector



- Based on the Acuity® glassbreak detector
- Tamper-activated test mode: should be tested using the glassbreak simulator (AFT-100)
- 2 long-life lithium batteries included
- Ordering no. 22WLS912L-433

**DSC WS4945W**

433MHz Wireless Door Window Contact



- Built-in reed switch
- Normally closed external contact input
- 1 long-life lithium battery included
- Available in brown housing
- Case and wall tamper
- Ordering no. 22WS4945W

**DSC WS4975W**

433MHz Wireless Vanishing Door / Window Contact



- Wafer-ultra thin profile
- Long-life lithium battery included
- 16mm maximum magnet gap
- Double-sided tape (included)
- Smooth-back plastics
- Reliable 433 MHz technology
- Ordering no. 22WS4975W

**DSC WS4916EU**

433MHz Wireless Photoelectric Smoke / Heat Detector



- Automatic drift compensation
- Built-in, dual-senor heat detector
- Built-in 85dB horn
- Local test button
- High/Low sensitivity reporting
- Low battery indication
- Easy-maintenance removable smoke chamber
- Non-contact sensitivity reading with handheld test meter (FSD-100)
- Long-life lithium batteries included
- Ordering no. 22WS4916EU

## DSC WIRELESS DETECTORS / DEVICES

### DSC WS4939EU

433MHz Wireless 4 Button Keyfob



- Durable, scratch-resistant buttons
- 4 programmable function keys
- Long-life lithium batteries included
- Full 3-second delay on panic function to reduce false alarms
- Multifunction belt clip included
- Water resistant
- Ordering no. 22WS4939EU

### DSC WS4938W

433mhz 1-Button Personal Panic Button



- Activation via 1 large, easy-to-use button
- Full 2-second delay on panic button
- Integrated LED to indicate signal transmission
- Neck strap and multifunction belt clip included
- Water resistant
- Long-life lithium batteries included
- Ordering no. 22WS4938W

## DSC ESCORT TELEPHONE INTERFACE MODULE

Turn a tone telephone into a talking keypad. Now your customers can control their DSC security system from any touch-tone telephone, anywhere - from their office, their car, or a world away when they're on vacation.

### DSC PC5580TC

Telephone Interface & Automatic Control Module



- Turns any touchtone phone into a talking keypad
- Programmable labels: 6 words per label, 240+ word library
- Built-in X-10 interface: supports up to 32 X-10 devices, 16 schedules, 8 modes
- Built-in thermostat support
- Compatible with PC1808, PC1832 and PC1864 control panels
- Ordering no. 22PC5580TC

## DSC VARIOUS ADD-ON MODULES

### DSC PC5400-V3

Printer Interface for PowerSeries



- Can be used to support a serial printer
- Compatible with all POWERSERIES control panel
- Ordering no. 22PC5400-V3

### DSC IT-100

Data Interface / Integration Module - Home Automation



- Compatible with all PowerSeries control panels
- Bi-directional RS-232 interface
- Real-time zone status
- Fully programmable
- Requires integration software and supported by many integration drivers
- 4-wire hook-up to KEYBUS
- Virtual keypad mode
- Thermostat control functionality via a DSC Escort module
- Ordering no. 22IT-100



## DSC MAXSYS SERIES CONTROL PANELS WITH KEYPADS

In keeping with modern times and new technologies, DSC has redefined the meaning of security, as is evident with MAXSYS. This security system allows a host of value-added and life-safety features to be integrated to provide peace of mind for years to come. Security concerns, whether relating to intrusion, fire, alarm communications, access control, automation or wireless/addressable expansion, can be tailored to meet specific needs. MAXSYS is a single-system solution ideal for commercial, industrial and institutional facilities as well as large or multi-level residential units.

### DSC PC4020

Maxsys 16 - 128 Zone Control Panel with LCD4501 Keypad



- 16 zones on main control panel
- Supports up to 16 hardwired keypads
- Expandable up to 128 zones using hardwire and wireless modules
- 8 partitions
- 1,500 user code (4 or 6 digit)
- 3,000 event buffer
- Auto SIA and Contact ID formats
- Supports GSM and T-Link™ alarm communicators
- Full upload/download support with DLS download software
- Includes 1 x DSC LCD4501 keypad
- Ordering no. 22PC4020

## DSC MAXSYS SERIES KEYPADS

### DSC LCD4501

Programmable-Message LCD Keypad



- Large, backlit, 2-line, 32-character display
- Plain-language display of zone status, system status, trouble conditions, event buffer, system instructions, date and time
- Ready, Armed and Trouble LEDs
- 5 programmable function keys
- 4 keypad-activated alarms: Panic, Auxiliary, Fire and Duress
- Ordering no. 22LCD4501 for Maxsys PC4020

## DSC MAXSYS SERIES ZONE EXPANDER MODULES

### DSC PC4108A / PC4116

8 / 16 Hardwire Zone Expander



- AUX power rated at 250 mA (PTC protected)
- PC4108A adds 8 hardwire zones to Maxsys PC4020
- PC4116 adds 16 hardwire zones to Maxsys PC4020
- Ordering no. 22PC4108A / 22PC4116

## DSC MAXSYS SERIES PROGRAMMABLE OUTPUT EXPANDER MODULES

### DSC PC4204

Relay Output Module for Maxsys PC4020



- 4 programmable form 'C' relays: rated at 3 Amps @ 12 VDC
- PC4204 adds 4 relay output module to PC4020
- Ordering no. 22PC4204

### DSC PC4216

16 Output Module



- Provides 16 programmable outputs: rated at 50 mA @ 12 VDC
- PC4216 for Maxsys PC4020
- Connect up to ?? PC4216 modules per system
- Ordering no. 22PC4216

## DSC MAXSYS SERIES WIRELESS RECEIVER

### DSC PC4164

MAXSYS 433MHz Wireless Receiver



- Supports 64 wireless zones
- All wireless detectors are fully supervised for communication integrity
- Easy sensor enrol process
- Connect up to 8 receivers on 1 system
- Ordering no. 22PC4164

## DSC MAXSYS SERIES VARIOUS ADD-ON MODULE

### DSC PC4401

RS-232 Printer Interface for Maxsys PC4020



- Connect up to 4 modules
- Capable of performing as either a bi-directional RS-232 interface, PC-Link isolator or printer module
- Real-time zone status
- Fully programmable
- 4-wire hook-up to COMBUS
- Ordering no. 22PC4401

## DSC SMOKE DETECTORS

**DSC FSA-410BRT**

4 Wire Photoelectric Smoke Detector



- Automatic drift compensation
- Built-in, dual-sensor heat detector (option)
- Easy-maintenance removable chamber
- Interconnect able using PRM-4W polarity reversal module
- Non-contact sensitivity testing with new FSD-100 handheld test meter
- Low-profile design
- Local test button
- UL/ULC/CSFM/MEA listed for commercial and residential applications
- Ordering no. 22FSA-410BRT

## DSC GLASSBREAK DETECTORS

Breaking a window is the easiest and most common way for someone to enter your home or business. Stop them in their tracks by installing glass-break detectors on all windows. With built-in intelligence, they are smart enough to distinguish the sound of breaking glass from other common sounds found in homes and businesses.

**DSC LC-105-DGB**

Digital Glassbreak Detector



- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Slim profile design
- Features ABS plastic for shock and impact protection
- Detects the sound of multiple types of breaking frame glass
- Phased frequency detector sensor
- Able to adjust sound sensors separately
- Ceiling- or wall-mount installation
- Ordering no. 22LC-105-DGB

**DSC AFT100\***

DSC Acuity Glassbreak Tester



- Generates plate or tempered glass
- 3" full-range speaker accurately reproduces the range of frequencies, including plate or tempered glass
- Single or continuous sound operation
- Ordering no. 22AFT100

**DSC LC-102-PIGBSS**

Pet-Friendly Digital PIR and Glassbreak Detector



- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Slim profile design
- Features ABS plastic for shock and impact protection
- Exceptional white light immunity
- Pet immunity up to 25 kg
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Separate PIR and glassbreak sensitivity adjustment
- 2 independent relay outputs for glassbreak and PIR alarm signals
- Ordering no. 22LC-102-PIGBSS

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## GSM/GPRS COMMUNICATION

Inexpensive and reliable GSM universal wireless alarm communicators accept no boundaries as they deliver reliable alarm communications around the globe. An effective backup or alternative to traditional telephone lines, GSM universal wireless alarm communicators work by connecting the alarm control panel to the GSM network to provide protection against line cuts by storms, construction or deliberate tampering.

### BENTEL BGSM 3100-K\*

GSM / GPRS Alarm Communicator



- Simulates land line
- Switches automatically to GSM network in the event of land line trouble (line down)
- 3 programmable Open Collector Outputs
- 4 phone numbers programmable for Contact ID Dialer on GPRS
- Up to 100 telephone numbers (max.16 digits) programmable for the remote activation of the OC output
- Remote activation of the outputs through caller identification
- Ordering no. 08BGSM3100-K

### BENTEL BGSM-G-EU

GSM/GPRS Communicator with SMS Function



- Simulates land line
- Switches automatically to GSM network in the event of land line trouble (line down)
- 4 programmable Open Collector (OC) Outputs
- 4 input lines
- SMS Alerts
- 4 phone numbers programmable for Contact ID Dialer on GPRS
- Pay-As-You-Go Balance message (for pre-paid SIM Cards)
- Up to 100 telephone numbers (max.16 digits) programmable for the remote activation of the OC output
- Remote activation of the outputs through caller identification
- Ordering no. 08BGSM-G-EU+BATT

## DSC IP ALARM COMMUNICATOR

The award-winning T-Link family of Internet and network alarm communicators saves money by using existing Internet connections to create an instant, always-on IP alarm communication solution between homes or businesses and the monitoring station.

### DSC TL-300

Universal IP Alarm Communicator



- Compatible with any control panel that uses the Contact ID format
- Instant, always-on IP communication
- Works over local LAN/WAN network or internet
- 128-bit AES encryption
- Reports events to 2 different receiver IP addresses
- Low network bandwidth requirements
- 4 on-board programmable zone inputs
- 2 programmable voltage outputs
- Programmable through the panel keypad or T-Link Console software
- Ordering no. 22SG-TL300

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## DSC IP ALARM COMMUNICATOR

**DSC TL-250**

## Internet Alarm Communicator



- Supports PC1832, PC1864 and Maxsys control panels via built-in PC-Link or stand-alone mode
- Instant, always-on IP communication
- Works over local LAN/WAN network or internet
- 128-bit AES encryption
- Reports events to 2 different receiver IP addresses
- Low network bandwidth requirements
- 4 on-board programmable zone inputs
- 2 programmable voltage outputs
- Programmable through the panel keypad or T-Link Console software
- Ordering no. 22T-LINKTL250CE

**DSC TL-150**

## Residential IP Alarm Communicator



- Supports all PowerSeries control panels
- Compact, easy installation design
- Home owners can arm/disarm and view zone status through a webpage on their home computer
- Instant, always-on IP communication
- Works over local LAN/WAN network or the Internet
- 128-bit AES encryption
- Low network bandwidth usage
- T-Link programming (IP address and account number) through a web-browser interface
- Ordering no. 22SG-TL150

**DSC TL-260GS\***

## Internet and GSM/GPRS Dual-Path Alarm Communicator



- Fully redundant Internet and GSM/GPRS dual-path alarm communication
- Integrated call routing
- Panel remote uploading/downloading support via GSM/GPRS and Internet
- Supervision heartbeats via GSM/GPRS and Internet
- 128-bit AES encryption via GSM/GPRS and Internet
- Full event reporting
- SIA format
- PC-Link connection
- Signal strength and trouble display
- Compatible with Sur-Gard® System I/II/III monitoring station receivers
- Ordering no. 22SG-TL260GS\*

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## DSC SELF-CONTAINED WIRELESS SECURITY SUITE

The DSC Self-Contained Wireless Security Suite featuring the “PowerSeries 9045” is the perfect solution for those installations requiring a more moderate basic security system. Recommended applications include apartments, condominiums and small to medium sized homes.

Versatility and value come together in the self-contained keypad and panel which also contains a siren, dialer, and a wireless receiver. There are fewer components for you to install and fewer components for your customer to take with them when they move. It is the utmost in convenience and portability.

Experience the Speed of the Install with PowerSeries 9045.

### DSC 9045 Kit

#### Self-Contained 868MHz Wireless 32 Zone Kit



#### Kit includes

- 1 x 9045 Self-Contained System Keypad
- 1 x WS 8975 Wireless Slimline Door Contact
- 2 x WS8904P Wireless Pet-Friendly PIR Detectors
- 2 x WS8939 Wireless Keyfobs

- Smallest footprint of any self-contained wireless alarm system available
- Esthetically pleasing design
- Supports 32 wireless zones and 16 wireless keys (without using a zone slot)
- Full 32-character programmable labels
- Enlarged keypad buttons
- 5 programmable function keys
- Intuitive clock programming
- Input/Output terminals can be programmed to operate as zone inputs or programmable outputs
- Easy wireless device enrollment process
- Template programming
- 17 user codes
- 128 event buffer
- 1 partition
- False alarm reduction features
- Ordering no. 22KIT845-18SAF

### DSC WS8975

#### 868MHz Wireless Slimline Door/Window Contact



- Wafer-thin profile
- Long-life lithium battery included
- 16 mm maximum magnet gap
- Double-sided tape (included)
- Smooth-back plastics
- Reliable 868 MHz technology
- FCC/IC listed
- Ordering no. 22WS8975

### DSC WS8945

#### 868MHz Wireless Door/Window Contact



- Built-in reed switch
- Normally closed external contact input
- 1 lithium battery included
- Reliable 433 MHz technology
- Available in brown housing
- Case and wall tamper
- Ordering no. 22WS8945

### DSC WS8904/8904P

#### 868MHz Wireless PIR Detector



- Reliable 868 MHz technology
- Pet-Friendly WS8904P\* up to 27 kg
- Digital signal analysis for consistent detection throughout the coverage pattern
- High-traffic shutdown
- Temperature compensation
- Nominal 9-year battery life
- Sensitivity adjustment
- Ordering no. 22WS8904 / 22WS8904P



## DSC SELF-CONTAINED WIRELESS SECURITY SUITE

**DSC WS8916**

868MHz Wireless Smoke Detector



- 3 zones in 1 (each zone has an individual serial number)
- 1 reed/magnet combination zone
- Tilt switch mode for overhead doors
- 2 normally closed external contact inputs
- 13 mm maximum magnet gap
- Low-battery LED indicator
- Case tamper
- Ordering no. 22WS8916

**DSC WS8939**

868MHz Wireless 4-Button Keyfob



- Durable, scratch-resistant buttons
- 4 programmable function keys
- Long-life lithium batteries included
- Full 3-second delay on panic alarm to reduce false alarms
- Multifunction belt clip included
- Optional generic rubber insert included
- Water resistant
- Ordering no. 22WS8939

**DSC WS8965**

868MHz Wireless Tri-Zone Door/Window Contact



- 3 zones in 1 (each zone has an individual serial number)
- 1 reed/magnet combination zone
- Tilt switch mode for overhead doors
- 2 normally closed external contact inputs
- 13 mm maximum magnet gap
- Low-battery LED indicator
- Case tamper
- Ordering no. 22WS8965

## DSC ALEXOR - TWO-WAY WIRELESS SECURITY SUITE

Introducing Alexor and DSC's new 2-Way Wireless Security Suite. With DSC's 2-way wireless technology, this solution offers a comprehensive security system that supports numerous new sleek and stylish DSC peripherals including keypads, indoor/outdoor sirens, CO detector and a 2-way wireless key. All of which are supported with GSM and IP alarm communicator backup.

With fewer holes to drill and wires to pull, plus DSC's legendary wireless quick enroll and template programming, installation is fast. And it's more flexible too. DSC wireless devices offer more installation options and locations within the home. Alexor and DSC's 2-Way Wireless Security Suite. The Power of Speed.

**DSC Alexor**

Alexor 433MHz 2-Way Wireless Security System

- Supports 32 wireless zones and 16 wireless keys (without using a zone slot)
- 16 user codes, 1 master code and 1 maintenance code
- Wireless Quick Enroll
- Template programming
- Account Code Error Checking (patent pending)
- Alternate communications via GSM/GPRS and IP
- Local and remote downloading
- 500 event buffer
- 4 communication phone numbers
- 2 programmable Input/Output terminals
- Onboard Siren at 85dB

**DSC WT5500**

433MHz 2-Way Wireless Wire-Free Keypad



- 2x16 full message display
- Intuitive clock programming
- Multiple door chime
- Ambient light sensor
- Display and keymat backlighting
- Outdoor temperature display
- Wall and Deskstand\* mount
- Proximity Arm/Disarm (WT5000PE1 Only)
- 5 programmable function keys
- 3 one-touch emergency keys
- Tamper switch
- Nominal battery life - 3 years
- Compatible with Alexor
- Ordering no. 22WT5000E1
- Ordering no. 22WT5000PE1 (with proximity)

## DSC ALEXOR - TWO-WAY WIRELESS SECURITY SUITE

### DSC WS4904PW

433MHz Pet-Friendly PIR Motion Detector



- Reliable 433 MHz technology
- Pet-Friendly up to 27 kg
- Digital signal analysis for consistent detection throughout the coverage pattern
- High-traffic shutdown
- Temperature compensation
- Nominal battery life - 6 years
- Sensitivity adjustment
- Ordering no. 22WS4904PW

### DSC WT4901

433MHz 2-Way Wireless Indoor Siren



- Siren Output - 85dB
- Siren sounds for alarms, door chimes, entry/exit delay and troubles
- Onboard test button
- Transmits RF status, low battery and tamper condition
- Front and back tamper detection
- Nominal battery life - 2 years
- Ordering no. 22WT4901EU

### DSC WT4911\*

433MHz 2-Way Wireless Outdoor Siren



- Siren Output - 105dB
- Siren sounds for alarms and squawks
- Strobe light functionality for visual indication
- Provides temperature to WT5500 wire-free keypad
- Local and remote test capability
- Transmits RF status, low battery and tamper condition
- Large print area for company logo
- Front and back tamper detection
- IP34 rating
- Nominal battery life - 5 years
- Ordering no. 22WT4911EU

### DSC WS4975W

433MHz Wireless Varnishing Contact



- Built-in reed switch
- Wafer-thin profile
- Long-life lithium battery included
- 16 mm magnet gap
- Reliable 433 MHz technology
- Includes double-sided tape
- Ordering no. 22WS4975W

### DSC WS4945W

433MHz Wireless Universal Door / Window contact



- Built-in reed switch
- Normally closed external contact input
- 1 lithium battery included
- Reliable 433 MHz technology
- Available in brown housing
- Case and wall tamper
- Ordering no. 22WS4945W

### DSC WLS912L-433

433MHz Wireless Glassbreak Detector



- Omnidirectional microphone
- Advanced microprocessor-based glassbreak sensor
- High-level static and transient protection
- High RF immunity with SMD construction
- White noise rejection mechanism
- Tamper-activated test mode: should be tested using the AFT-100 glassbreak simulator
- Ordering no. 22WLS912L-433

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## DSC ALEXOR - TWO-WAY WIRELESS SECURITY SUITE

**DSC WT4989**

433MHz 2-Way Wireless Key



- Backlit icon display
- Built-in buzzer for audible feedback
- Key tactile feedback
- 4 one touch function keys, programmable for up to 6 functions
- Status button indication
- Wireless key keylock
- Active alarm indication
- Water resistant
- Multifunction clip
- Nominal Battery life - 3 years
- Ordering no. 22WT4989

**DSC WT4949\***

433MHz 2-Button Wireless Key



- 2-button, 3-channel wireless key
- Activation via 2 large, scratch resistant buttons
- Full 3-second delay on panic function
- Integrated LED to indicate signal transmission
- Reliable 433 MHz technology
- Long-life lithium batteries included
- Water resistant
- Ordering no. 22WT4949

**DSC WT4916EU**

433MHz Photoelectric Smoke Detector



- Automatic drift compensation
- Built-in, dual-senor heat detector
- Built-in 85dB horn
- Local test button
- Low profile design
- High/Low sensitivity reporting
- Low battery indication
- Easy-maintenance removable smoke chamber
- Non-contact sensitivity reading with handheld test meter (FSD-100)
- Long-life lithium batteries included
- Ordering no. 22WT4916EU

**DSC WT4913\***

433MHz Wireless Carbon Monoxide Detector



- Provides front-line protection against the silent threat of carbon monoxide poisoning
- Slim-line design
- Built-in 85dB alarm at 3 m
- Malfunction supervision
- Low sensitivity supervision
- Electrochemical sensing technology
- Transmits RF status, low battery and tamper condition
- Hush feature
- Wall tamper
- Onboard LEDs indicate:
  - \* Red - Alarm
  - \* Yellow - Trouble
  - \* Green - Power
- 3-5 year battery life
- End-of-Life (EOL) indicator (5 year)
- Low battery supervision
- Ordering no. 22WT4913

**DSC GS2065**

GSM/GPRS Wireless Alarm Communicator



- Back up and primary GSM/GPRS alarm communication
- Panel remote uploading/downloading support via GSM/GPRS
- Supervision heartbeats via GSM/GPRS
- 128-bit AES encryption via GSM/GPRS
- Full event reporting
- SIA format
- PC-Link connection
- Signal strength and trouble display
- Compatible with Sur-Gard® System I/II/III monitoring station receivers
- Ordering no. 22GS2065

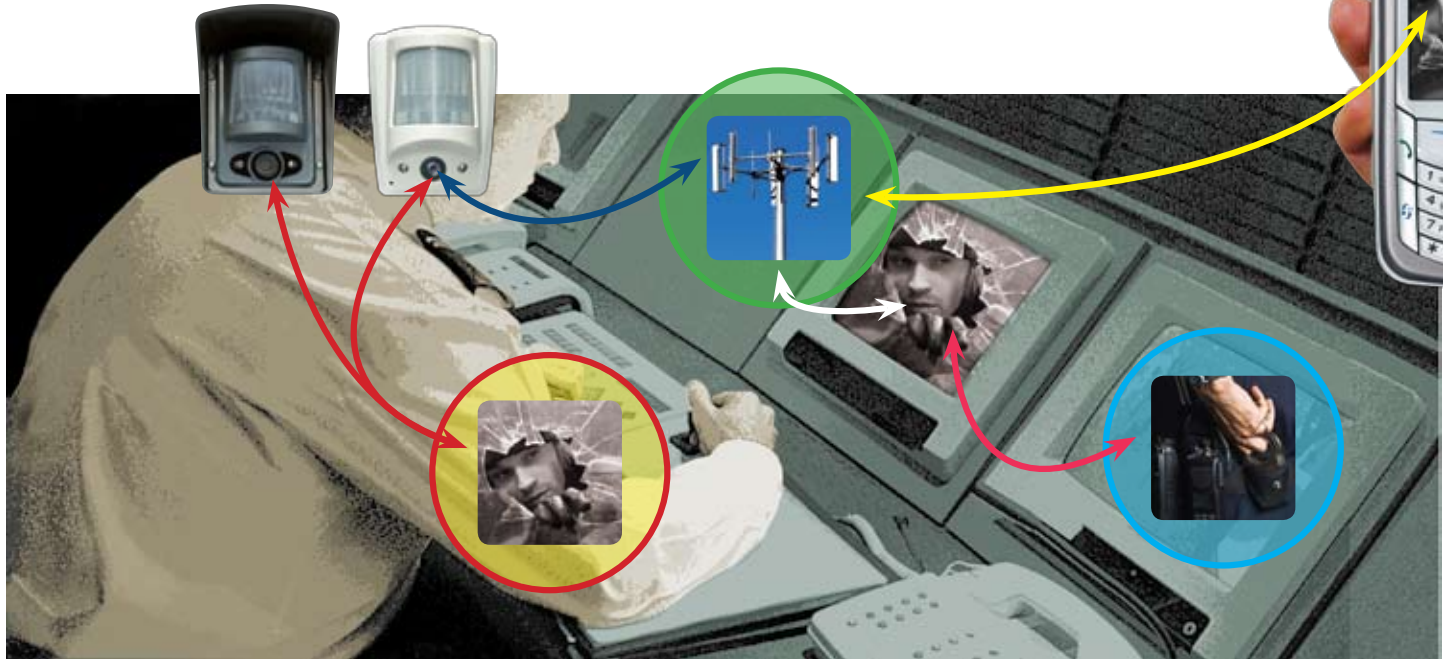
**DSC TL265GS**

Internet and GSM/GPRS Dual-Path Alarm Communicator



- Fully redundant Internet and GSM/GPRS dual-path alarm communication
- Integrated call routing
- Panel remote uploading/downloading support via GSM/GPRS and Internet
- Supervision heartbeats via GSM/GPRS and Internet
- 128-bit AES encryption via GSM/GPRS and Internet
- Full event reporting
- SIA format
- PC-Link connection
- Signal strength and trouble display
- Compatible with Sur-Gard® System I/II/III monitoring station receivers
- Ordering no. 22TL265GS

\*These items are on-order only and may subject to a 4 - 6 week lead time.



### RSI VISIO1000-GPRS / VISIO1000-GPRS-PIGG

868MHz Wireless Videofied Alarm Panel Communicator with GPRS  
with optional Piggyback Capability



- Wiselink technology – bidirectional, encrypted RF with AES algorithm provides optimum signal integrity and security
- Piggyback to existing security system (in VISIO1000-GPRS-PIGG)  
Compatibility with all RSIalarm wireless devices  
Supervision every 8 minutes (all devices except keyfobs)  
24-hour dual-tamper function provides detection for both control panel is removed from mounting surface  
Control panel also monitors all mounted device tamper switches  
Maximum 25 zones  
Maximum 4 areas  
Maximum 20 Access codes  
Reports to central monitoring stations using Frontel or CID formats  
Can also report alarms to customer via digital voice phone calls or Email  
Video resolution of 320 x 240 pixels
- Maximum 4,000 events stored in flash memory that cannot be cleared or erased
- On site configuration/programming using alphanumeric keypads or off-site using Frontel Automation Software
- With built-in siren
- Ordering no. 27VISIO1000GPRS
- Ordering no. 27VISIO1000GPRS-PIGG (with piggyback capability)

### RSI CMA200

868MHz Wireless Operating Keypad



- Bidirectional, encrypted RF with AES algorithm provides optimum signal integrity and security
- Program the system from anywhere onsite.
- Two lines display with 16 characters each; automatic back lighting
- Complete alphanumerical setting/parameter entries in programming mode; standard and custom operation in normal operating mode
- Built-in sounder provides entry/exit delay beeps and alarm sounds
- Panic button for manual activation
- Transmits a check-in/status signal every 8 minutes
- Ordering no. 27CMA200



## WIRELESS ALARM SYSTEM WITH VIDEO VERIFICATION

**RSI DCV200 / DCVA200**

868MHz Wireless Indoor PIR with Built-In Camera



- Bidirectional, encrypted RF with AES algorithm provides optimum signal integrity and security
- CMOS black and white camera sensor with 85° wide angle lens and video resolution of 320 x 240 pixels
- Transmit a status signal every 8 minutes indicating tamper state and battery status
- Night illumination up to 4.5m using two infrared LEDs
- Dual-element, passive infrared detector with Fresnel lens for 12m wide, 90° coverage pattern
- Dual tamper detection
- Pet friendly model : DCVA200
- Nominal 4-year battery life
- Ordering no. 27DCV200 / 27DCVA200 (for pet-friendly model)

**RSI DCV250**

868MHz Wireless Outdoor PIR with Built-In Camera



- Spread spectrum interactive AES encrypted wireless technology provides optimum signal integrity and security
- CMOS black and white camera sensor with 85° wide angle lens and video resolution of 320 x 240 pixels
- Transmit a status signal every 8 minutes indicating tamper state and battery status
- 4-year nominal battery life
- Night illumination up to 4.5m using two infrared LEDs
- Dual-element, passive infrared detector with Fresnel lens for 12m wide, 90° coverage pattern
- Camera begins filming in fewer than 100 milliseconds after the PIR detects motion
- Camera is fully waterproof and can withstand temperatures from -20°C to 60°C
- Ordering no. 27DCV250

**RSI ITR110 / ITRA100**

868MHz Wireless PIR



- Bidirectional, encrypted RF with AES algorithm provides optimum signal integrity and security
- Dual-element, passive infrared detector with Fresnel lens for 12m wide, 90° coverage pattern
- Transmits a check-in/status signal every 8 minutes
- Dual tamper provides detection for both detector removal from the base or mounting surface
- 4-year nominal battery life
- Standard Model ordering no. 27ITR110
- Pet-Friendly Model ordering no. 27ITRA100

**RSI RC200**

Wireless 4 Button Keyfob



- Bidirectional, encrypted RF with AES algorithm provides optimum signal integrity and security
- Operate system from within or just outside premises
- Arming/Disarming – ON arms whole system; OFF disarms system; 1 and 2 buttons arm specific areas as determined by system configuration/programming
- Panic alarms
- Battery status transmitted with each keyfob activation
- Ordering no. 27RC200

## WIRELESS ALARM SYSTEM WITH VIDEO VERIFICATION

### RSI SE550

868MHz Wireless Outdoor Siren



- Bidirectional, encrypted RF with AES algorithm provides optimum signal integrity and security
- Speaker provides output of 105dBa @ 1 metre for up to three minutes
- Transmits a check-in/status signal every 8 minutes indicating tamper state and battery status
- Dual tamper detection
- 4-year nominal battery life
- Ordering no. 27SE550

### RSI CT201 / CT211

868MHz Wireless Magnetic Contacts



- Bidirectional, encrypted RF with AES algorithm provides optimum signal integrity and security
- Transmits a check-in/status signal every 8 minutes
- Dual-tamper detection
- External input accepts normally closed (NC), dry (no power) circuits from standard market hardwired intrusion devices
- Four working modes - internal switch only, external input only, internal switch and external input, internal switch and external input with fast response
- 4-year nominal battery life
- Available in white (27CT201) / brown (27CT211)
- Ordering no. 27CT201/27CT211

### RSI BR250

868MHz Wireless Indoor / Outdoor Badge Reader



- Spread spectrum interactive AES encrypted wireless technology
- For outdoor and indoor applications with a fully weatherproof housing - standing temperature -20°C to 60°C
- Two LED flashes and a series of beeps to identify armed or disarmed status
- Built in sounder
- Transmits a check-in signal every 8 minutes
- 4-year nominal battery life
- Dual-tamper detection
- Ordering no. 27BR250

### RSI VT100

RF Access Tag



- For use with BR250 Badge Reader
- Ordering no. 27VT100



## RSI STARTER KIT

## RSI Starter Kit - Outdoor



- 1 x VISIO1000-GPRS Alarm Communicator
- 1 x CMA200 Operating Keypad
- 2 x DCV250 Wireless Outdoor PIR with Built-In Camera
- 1 x RC200 Wireless 4-button keyfob
- Ordering no. 27RSISTARTERKIT-OUT

## RSI Starter Kit - Indoor



- 1 x VISIO1000-GPRS Alarm Communicator
- 1 x CMA200 Operating Keypad
- 2 x DCV200 Wireless Indoor PIR with Built-In Camera
- 1 x RC200 Wireless 4-button keyfob
- Ordering no. 27RSISTARTERKIT

## MAGNETIC CONTACTS

Magnetic contacts provide protection by activating an instant alarm the moment a door or a window is opened. They can also be used to activate the entry delay on a designated door to allow the user limited time to disarm the system. In addition, they are able to arm systems or trigger the "stay in" mode.

## SIEMENS TKU4

## High Security Concealed Surveillance Contacts



- Universal application
- Robust construction
- Small dimensions
- Sabotage by magnet impossible
- Equipped with a special threaded plate for mounting directly on the lock plate or any door frame
- Ordering no. 15TKU4

## GRI 400W

## Heavy Duty Magnetic Contact



- Concealed terminals
- Spacers & mounting hardware included
- Ideal for use on metal doors
- Ordering no. 13400WHITE

## GRI 4561R

## Sensor Unit for Tilt Movement



- Attractive miniature profile
- Senses movement or removal of valuable objects
- Senses tampering or movement of equipment covers
- Signal an alarm if equipment is moved
- Ordering no. 134561R

## MAGNETIC CONTACTS

### SENTROL 2706AP-L

Triple Bias Heavy Duty Magnetic Contact for High Security Application



- High security contacts with armored cable
- Cannot be bypassed by magnet
- Triple biased
- Remote Test-Protective Loop
- 3/16" to 5/8" gap size
- Single Pole-Double Throw
- 3' Stainless Steel Armored Cable
- Ordering no. 132706AP-L

### AS MAGB / MAGW

Magnetic Contact



- Surface Mount
- Normally Closed (N/C)
- MAGB - Brown
- MAGW - White
- Ordering no. 10MAGW / 10MAGB

## ROLLER SHUTTER MAGNETIC CONTACTS

Protect roller shutter doors with specialized magnetic contacts which are more rugged than standard magnetic contacts.

### GRI 4532

Roller Shutter Magnetic contact



- Miniature floor mount
- Universal magnet for flexibility in mounting
- Cast aluminium casings for harsh environments
- Includes armoured cable
- Ordering no. 134532

### GRI 4612

Roller Shutter Magnetic contact



- Reversible probe assembly
- Left or right installation
- Includes armoured cable
- Magnet mounts in door channel
- Ordering no. 134612

### AS ROLSU35

Roller Shutter Magnetic Contact



- Surface mount
- Normally closed
- Ordering no. 10ROLSU35

### AS ROLSU38L / R

Roller Shutter Lever Switch



- Surface mount
- Normally closed
- Ordering no. 10ROLSU35L for left
- Ordering no. 10ROLSU38R for right

## RECESSED CONCEALED CONTACTS

These magnetic contacts are designed to be recessed into door or window frames, thus providing additional security while simultaneously enhancing the aesthetics of an installation.

### GRI 50RF-12W

Miniature 1/4" Recessed Switch (6mm drill diameter)



- Recessed magnetic contact
- Hermetically sealed
- Plated contact resist sticking or freezing
- Ideally suited for residential and light commercial application
- Ordering no. 1350RF-12W

### GRI 194-12W / 190-12WG

Recessed Magnetic Contact (25mm / 20mm drill diameter)



- Magnetic contact, recessed, N/C
- For 190 - 12WG, N/C and N/O
- Ideal for use on metal doors and frames
- Ordering no. 194-12WG WHITE for 25mm drill diameter
- Ordering no. 190-12WG for 20mm drill diameter

### GRI 184-12 / 180-12W

Recessed 3/4" Steel Door Switch (25mm / 20mm drill diameters)



- Recessed magnetic contact, N/C
- Ideal for use on metal doors and frames
- Ordering no. 184-12 for 25mm drill diameter
- Ordering no. 180-12WHITE for 20mm drill diameter

### GRI 20RS-12W

Recessed Magnetic Contact (9mm drill diameter)



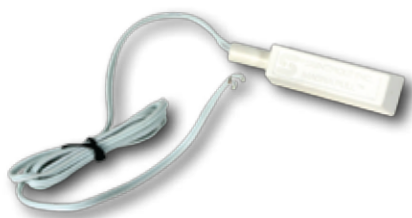
- Ideally for thin framed doors and windows
- Press to fit
- Hermetically sealed
- Ordering no. 1320RS-12WHITE

## MAGNAPULL

This device is used to provide 24-hour protection to equipment. The Magnapull, when connected to items such as televisions, will activate the alarm system if a cable is removed or broken.

### SENTROL 1005

Magna Pull



- Mini magnetic pull apart cord
- N / C used to protect valuable free standing items
- Ordering no. 131005-O

## ELECTRONIC SHOCK SENSOR

These sensors provide high false alarm immunity yet are extremely sensitive to vibrations caused by physical attacks on walls or glass. Different models are available for different applications.

### SENTROL 5150

On-the-Glass Shock Sensor



- 3m radius coverage measured from the sensor – must be installed on framed glass
- Protects all glass types up to a standard thickness of 6.4 mm including plate, wired, tempered and laminated glass
- Ideal for 24-hours loop protection
- Two wire sensor, drawing no power from the loop
- Ordering no. 135150-O

### GRI SG-1

Shockguard



- Solid State Piezo Electric Sensor
- No processor unit required
- Bi-colour LED indicator for visual confirmation
- Wide range of surface protection including glass, wall, doors etc.
- Ordering no. 13SG-1(WHITE)/13SG-1(BROWN)

### EBELCO BEL-M18

Inertia Shock Sensor with Reed Switch



- The highest conductivity with 24ct cobalt gold plating
- Sensor head complete sealed with Epoxy for water resistance
- Can be installed at glass, fences, walls, windows, doors etc.
- Anti-tamper circuit design
- Built-in magnetic reed switch
- Vertical and horizontal installation available
- Available in white and brown colour
- Ordering no. 78BEL-M18

### EBELCO BEL-M5

Inertia Shock Sensor



- The highest conductivity with 24ct cobalt gold plating
- Sensor head complete sealed with Epoxy for water resistance
- Can be installed at glass, fences, walls, windows, doors etc.
- Available in white and brown Colour
- Ordering no. 78BEL-M5

## TEMPERATURE SENSORS

Ideal for offices, greenhouses, computer rooms, warehouses and freezers, these devices are capable of monitoring temperatures in four locations at the same time. With advanced microprocessor technology for maximum reliability, accuracy and ease of operation, they can be utilized in all monitoring and control applications.

### GRI THERMOSTAT-4

Digital Thermal Sensor



- Single C form relay outputs, 3 solid state outputs
- Local temperature range 0°C to 48°C
- Temperature read out in Fahrenheit or Celsius
- Back lit LCD display
- Accuracy to +/- .5°C
- Programmable hi and low temperature limits
- Ideal for computer rooms, warehouses, freezers
- Ordering no. 13THERMOSTAT-4

## TEMPERATURE SENSORS

**GRI TP-101**  
Standard Probe

- Temperature probe
- Ordering no. 13TP-101

**GRI TP-102**  
Stainless Steel Probe

- Temperature probe
- Only the stainless steel probe can be submersed in a non-reactive liquid
- Ordering no. 13TP-102

## SEISMIC DETECTORS

High-level protection for safes, vault doors and ATMs, they are used by banks all over the world. Able to detect attacks from hammers to thermal lances, they are well suited to protecting vaults.

**SIEMENS GM730**

Low-Profile Seismic Detector for Applications on Steel / Concrete



- 3m<sup>2</sup> coverage, typically for ATMs and small safes
- Built in transmitter
- Round the clock monitoring of safes, night deposit boxes and ATMs
- Detects all known attack methods
- Customized Sensitivity Settings with Senstool Software
- Outstanding false alarm immunity
- 4m detection radius
- Low profile design
- UL listed
- Ordering no. 15GM730

**SIEMENS GMXS-1**

Test Transmitter for GM730 / GM760



- Used for function and mounting test of seismic detectors
- Ordering no. 15GMXS-1

**SIEMENS GMXP-O**

Mounting Bracket for GM730 / GM760



- In the case of uneven or hardened steel plates, weld on mounting plate GMXP0 or roll bolt to concrete surface
- Ordering no. 15GMXPO

## SEISMIC DETECTORS

### SIEMENS GM760

Low-Profile Seismic Detector for All Applications



- 5m operating radius on concrete - 80 m<sup>2</sup> coverage area
- Around-the-clock monitoring of strong-room-walls and doors, safes, night deposits, automatic teller machines, etc.
- Individual settings with SensTool software
- SENSTEC™ Bimorph sensor and micro-controller-based signal evaluation
- Ordering no. 15GM760

### SIEMENS GM760 Kit

Multi-Purpose Seismic Detector Kit



Kit includes

- 1 x GM760 Seismic Detector
- 1 x GMXS-1 Test Transmitter
- 1 x GMXP-0 Mounting Bracket
- Ordering no. 15GM760KIT

## PANIC BUTTONS / DEVICES

### AS EPB

Emergency Panic Button



- Glow in the dark
- Ordering no. 06EPB

### AS EPB-EXIT

Emergency Exit Button



- Glow in the dark
- Ordering no. 06EPB-EXIT

### AS PBUTTON-GO17

Panic Button Non Latch



- Ordering no. 10PBUTTON-GO17

### SIEMENS FK32

Hold-up Kick Rail



- Discreet operation for triggering alarm or camera
- Permits freedom of movement within working area
- Versatile mounting
- Gap-free operation with mounting in a row
- Indicating stud can only be reset by authorised personnel
- Low noise action
- Ordering no. 15FK32



## PANIC BUTTONS / DEVICES

**SENTROL 3045-O**

## Pull Down Panic Button



- Mounts underneath or on the side of desk or counter
- Actuating leaver designed to accommodate only tip of finger
- Reed contact resets when lever is in closed position
- Ordering no. 133045-O

**SENTROL 3555**

## Bill Trap



- Designed for use in till drawers
- Compact housing for easy installation in cash drawers
- Reed based switch design, no mechanical switch to wear out
- Not susceptible to dust, humidity or wear
- Ordering no. 133555

## TRANSFORMERS

Transformers convert 220 volt mains to the 16 volt requirements of control panels. Important note: It is essential that the correct transformer is used for each installation.

**Features**

- Input voltage : 220Vac 50Hz
- Transformer in box
- 15 amp red top plug

Model	Output (V)	Capacity (VA)	Surge Filter
10ESTR30S	16.5	30	No
10ESTRS30F	16.5	30	Yes
10ESTRS50	16.5	50	No
10ESTR50F	16.5	50	Yes
10FIL2024PSA	24	45	Yes

## BATTERIES



### Features

- Maintenance Free – no need to check specific gravity or add water
- Sealed Construction – ensures that no electrolyte leakage can occur from terminals or cases
- High Recovery capability – even after deep discharge
- Gel-battery model – AS12-8G

Model	Nominal Voltage (V)	Rated Capacity (Ah)	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)	Ordering no.
AS12-7	12	7.2	151	94	65	2.35	06AS12-7
AS12-1.4	12	1.4	97	54	42	0.56	06AS12-1.4
AS12-2.4	12	2.4	178	67	34	0.92	06AS12-2.4
AS12-8G	12	8	151	94	65	2.45	06AS12-8G
AS-12-18	12	18	181	167	76	6.3	06AS-12-18
BG1272	12	7	165	118	175	2.51	12BG1272
BG1217	12	17	180	160	75	5.5	12BG1217
BG1226	12	24	166	118	175	9.3	12BG1226
BG1240	12	40	196	163	164	14.8	12BG1240

## POWER SUPPLIES

Power supplies provide additional power to alarm systems, electric locks and numerous other devices. Elvey's power supplies have battery charger facilities to provide battery backup in the event of power failures.

### FIL-POWER-P / FIL-POWER3

#### 12Volt Power Pack



- Just add battery and attach to 220VAC
- 1.5 amp power pack (FIL-POWER-P)
- 3.0 amp power pack (FIL-POWER3)
- Ordering no. 10FIL-POWER-P
- Ordering no. 10FIL-POWER3

### FIL-PS 5AMP

#### 5 Amp DC Power Supply with Selectable Output Voltage



- Latest Switch mode Technology
- Input voltage : 96VAC to 264 VAC
- Output voltage : Selectable 12VDC, 14VDC, 16VDC
- Main Filtration
- Ordering no. 10FIL-PS5AMP

### FIL-2024PSA

#### 24V AC Camera Power Supply



- Output voltage : 24VAC
- Primary rated voltage : 230 VAC 50Hz
- Capacity : 2amp
- 4 fixed cameras or 1 high speed dome camera supply
- Ordering no. 10FIL2024PSA

## POWER SUPPLIES

## CAMPOWER

## 12V DC Camera Power Supply



- Switch mode technology and intelligent control circuits ensure optimum performance at all times
- Regulated DC supply with a selected output voltage of 12v – 13.8v
- Output current : 45Hz to 65Hz
- Low voltage battery trip
- Input and output fused
- Short circuit protected
- Ordering no. 77CAMPOWER

## 120-20

## 12V DC 1.2 Amp Power Pack



- Input Voltage 220V AC – 50Hz
- Output 12V 1.2 Amp
- 2 cable glands & mains LED indicator
- Battery low indicator
- Input protection by MOV
- Battery charger
- Battery protection cut out at 10.5V
- Power pack includes 1.2 AH battery
- Ordering no. 71120-20

## 120-30

## 12V DC 3.0 Amp Power Pack



- Robust metal housing with 2 cable glands
- Mains input is fused
- Additional protection is provided by MOVs
- 12V output protected by 3A fuse
- External accessible fuses
- 2 LEDs indicate presence of 220VAC and 12VDC
- Independent battery charging circuit
- Battery low indicator
- Battery protection for deep discharge
- Supplied without the 12V 7AH sealed battery
- Ordering no. 71120-30

## SOUNDERS / AUDIBLE WARNING DEVICES

Interior and exterior sirens are used to alert people of emergency conditions by sounding an alarm. Exterior sirens are water-resistant and can be safely exposed to inclement weather.

## SR74A

## 10Watt Electronic Siren



- 12 Volt DC
- Ordering no. 06SR74A

## WD-07

## Two Hole Sound Bomb



- 12 Volt DC
- Ordering no. 10WD07

## CY608B

## Buzzer



- 12 Volt DC
- Ordering no. 06CY608B

## PS209

Piezoelectric Sounder



- 12 Volt DC, off white
- Ordering no. 06PS209

## CS402A

10Watt Decorative Electronic Siren



- 12Volt DC
- Ordering no. 06CS402A

## SR701A

25Watt Electronic Siren



- 12 Volt DC
- Ordering no. 06SR701A

## TS-580

40Watt Electronic Siren



- 12 Volt DC
- Ordering no. 06TS-580

## SPEAKERS

Speakers look like sirens and are used where the control panel has a built-in siren driver module.

## SR702

25 Watt Horn Speaker



- 8 Ohm
- Ordering no. 06SR702

## XENON STROBE WARNING BEACONS

A strobe light is frequently mounted externally to provide a clear visual indication of an alarm. Unlike sirens, which sound for a limited period, strobe lights will flash brightly until the alarm is disarmed.

### AS CAX30 R / G / A

Strobe Light



- Available in red / green / amber
- 12 Volt DC
- Ordering no. 06CAX30R / 06CAX30G / 06CAX30A

### AS EAS-400A

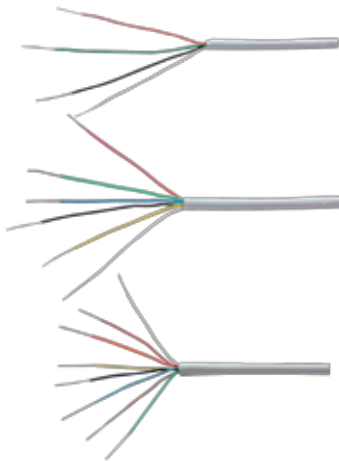
Exterior Piezo/Strobe Combination



- 115db, water level
- 6 tone
- 30 secretary flash
- Ordering no. 06EAS-400A

## CABLES

### SOLID CONDUCTOR COMMUNICATION CABLE

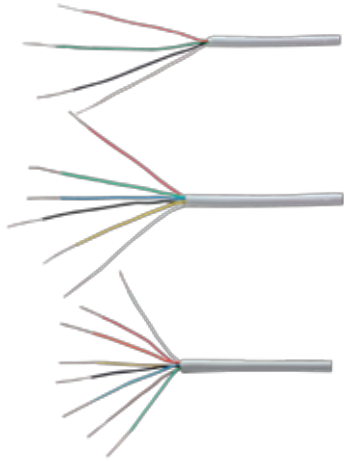


- 4 Core (2 Pair) Solid Communication cable / 100m      Ordering no. 1804SW
- 6 Core (3 Pair) Solid Communication cable / 100m      Ordering no. 1806SW
- 8 Core (4 Pair) Solid Communication cable / 100m      Ordering no. 1808SW



- 10 Core (5 Pair) Solid Communication cable / 100m      Ordering no. 1810SW
- 12 Core (6 Pair) Solid Communication cable / 100m      Ordering no. 1812SW
- 20 Core (10 Pair) Solid Communication cable / 100m      Ordering no. 1820SW
- 30 Core (15 Pair) Solid Communication cable / 100m      Ordering no. 1830SW

## STRANDED CONDUCTOR COMMUNICATION CABLE



- 4 Core (2 Pair) Stranded Communication cable / 100m Ordering no. 1804MSW
- 6 Core (3 Pair) Stranded Communication cable / 100m Ordering no. 1806MSW
- 8 Core (4 Pair) Stranded Communication cable / 100m Ordering no. 1808MSW



- 10 Core (5 Pair) Stranded Communication cable / 100m Ordering no. 1810MSW
- 12 Core (6 Pair) Stranded Communication cable / 100m Ordering no. 1812MSW
- 20 Core (10 Pair) Stranded Communication cable / 100m Ordering no. 1820MSW
- 30 Core (15 Pair) Stranded Communication cable / 100m Ordering no. 1830MSW

## RIPCORD & CABTYRE

### RIP - 0.2W

0.2mm Ripcord / 100m  
available in white and brown



- Ordering no. 18RIP-0.2W

### RIP - 0.4W

0.4mm Ripcord / 100m



- Ordering no. 18RIP-0.4W

### RIP - 0.5W

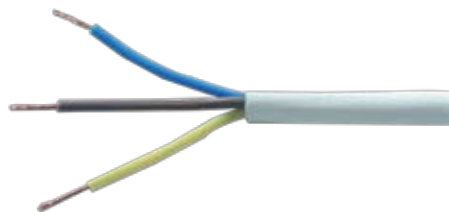
0.5mm Ripcord / 100m



- Ordering no. 18RIP-0.5W

### CAB03 - 0.5

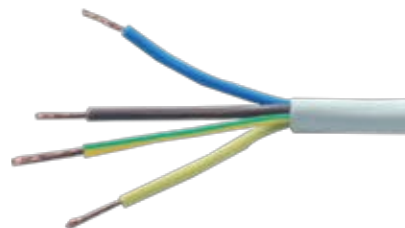
0.5mm 3 Core Cabtyre / 100m



- Ordering no. 18CAB03-0.5

### CAB04 - 0.5

0.5mm 4 Core Cabtyre / 100m



- Ordering no. 18CAB04-0.5



## MYLAR CABLE

**RG59**

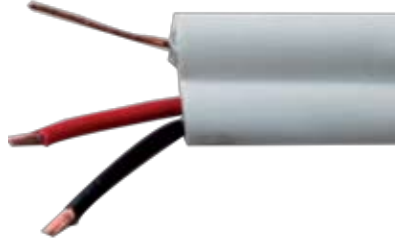
RG59 Coaxial Cable



· Ordering no. 77RG59

**COAXPOWERX**

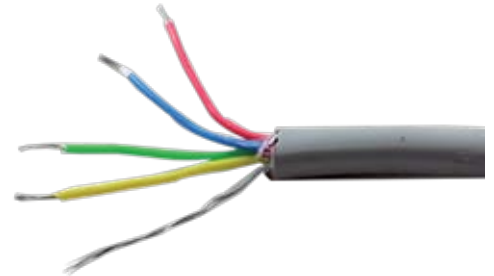
RG59 Coaxial Cable with 0.5mm Ripcord / 100m



· Ordering no. 10COAXPOWERX

**Mylar 02**

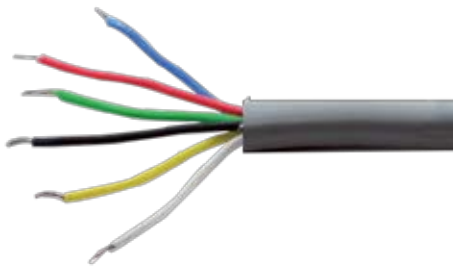
2 Pair Twisted Mylar Screened Cable / 100m



· Ordering no. 77MY02-100

**Mylar 03**

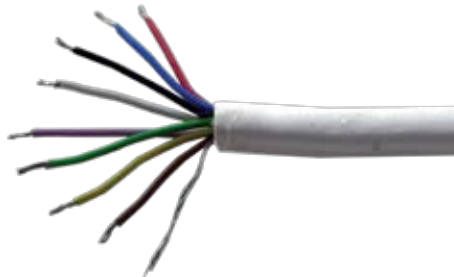
3 Pair Twisted Mylar Screened Cable / 100m



· Ordering no. 77MY03-100

**Mylar 04**

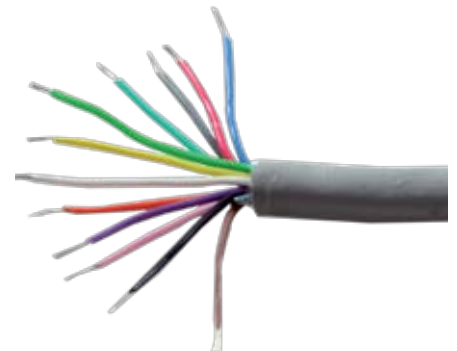
4 Pair Twisted Mylar Screened Cable / 100m



· Ordering no. 77MY04-100

**Mylar 06**

6 Pair Twisted Mylar Screened Cable / 100m



· Ordering no. 77MY06-100

**Mylar 08**

8 Pair Twisted Mylar Screened Cable / 100m



· Ordering no. 77MY08-100

## TRANSMITTERS AND RECEIVERS

Elvey carries a wide range of remote controls to meet all security needs. These include remote controls for gates and garage doors, remotes that can be utilized as panics and even single remotes which incorporate all these functions.

Receivers are used to receive signals from remote devices. Bear in mind that it is essential to use the correct receiver with the correspondent transmitter. Elvey's receivers are of the highest quality and absolutely reliable.

### SHERLOTRONICS TX 1 / 2 / 4 / 6

#### Apollo Code Hopping 1 / 2 / 4 / 6 Channel Transmitter



- Utilizing secure Code-Hopping encryption
- Unique antenna design incorporating the keyring thus increases operating range by 50%
- Crystal frequency controlled within +/- 100KHz
- Frequencies available are 403.55MHz and 433.92Mhz
- 12V battery operation - GP23A alkaline cell
- Typically 2 years battery life expected under normal use
- LED flashes when there is a low battery condition
- Nylon housing for better durability
- One Channel Transmitter ordering no. 14SHTX1
- Two Channel Transmitter ordering no. 14SHTX2
- Four Channel Transmitter ordering no. 14SHTX4
- Six Channel Transmitter ordering no. 14SHTX6

### SHERLOTRONICS PTX1

#### 1 Button Panic Transmitter with Pendant Chain



- Utilizing secure Code-Hopping encryption
- Unique antenna design incorporating the pendant thus increases operating range by 50%
- Crystal frequency controlled within +/- 100KHz
- Frequencies available are 403.55MHz and 433.92Mhz
- 12V battery operation - GP23A alkaline cell
- Typically 2 years battery life expected under normal use
- LED flashes when there is a low battery condition
- The housing is moulded in Nylon for improved durability
- Ordering no. 14SHPTX1

### SHERLOTRONICS RX1-150

#### Code Hopping Single Channel Receiver



- Utilizing secure Code-Hopping encryption
- Latch or momentary relay contacts are selectable via a jumper
- Selectable 1 or 3 second momentary output
- Onboard buzzer sounds on activation and program modes
- Frequencies available are 403.55MHz and 433.92MHz
- 12V or 24V power input requirement
- Compact housing
- The unit can be "Defaulted" via the program jumper
- 150m transmission range
- Ordering no. 14SHRX1-150

## TRANSMITTERS AND RECEIVERS

**SHERLOTRONICS RX2-150**

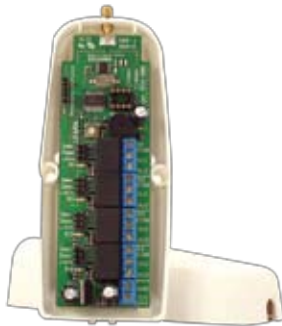
150m Code Hopping Two Channel Receiver



- Utilizing secure code-hopping encryption
- Latch or momentary relay contacts
- Selectable 1sec, 3sec, 1min, 3min output
- Crystal frequency controlled within +/- 100KHz
- Frequencies available are 403.55MHz and 433.92MHz
- 12V or 24V power input requirement
- Screw-on ¼ wave-length antenna is supplied with unit
- Ordering no. 14SHRX2-150

**SHERLOTRONICS RX1-500 / RX4-500**

500m Code Hopping Single / Four Channel Receiver



- Utilizing secure code-hopping encryption
- Latch or momentary relay contacts
- Selectable 1sec, 3sec, 1min, 3min output
- Crystal frequency controlled within +/- 100KHz
- Frequencies available are 403.55MHz and 433.92MHz
- 12V or 24V power input requirement
- Screw-on ¼ wave-length antenna is supplied with unit
- Ordering no. 14SHRX1-500
- Ordering no. 14SHRX4-500

**SHERLOTRONICS COMPLEX RX**

2000 User Complex Code Hopping Single Channel 50m Range Receiver



- Utilizing secure Code-Hopping Encryption
- Maximum 4,000 remote controls can be programmed in
- Remote controls can be erased individually
- LCD display indication
- Real-time and date logging of last 500 events
- RS232 Computer communication output
- Ideal for town-house complex, office park and parking garage access control
- Ordering no. 14CHCOMPLEX-RX

**SHERLOTRONICS S4**

Four Channel Standalone Code Hopping Transmitter



- Utilizing secure code-hopping encryption
- 4 channel telemetry outputs
- Normally Open or Normally Closed trigger inputs
- LED indication when a channel is triggered
- Reliable crystal frequency stability controlled +/- 100KHz
- 1 or 3 transmit signals can be selected
- All inputs are supervised so that the unit can be triggered on more than one channel at the same time
- Ordering no. 14SHS4

### SHERLOTRONICS RPT - 500 / 500P

Code Hopping Repeater with / without Power Supply



- Utilizing secure code-hopping encryption
- Crystal frequency stability controlled within +/- 100KHz
- No programming required
- 8 different send signal time settings which are jumper selectable
- Intelligent multiple signal receive with buffered time output
- 6 hour 'System Alive' test supervised signal output
- Ordering no. 14SHRPT-500 (without power supply)
- Ordering no. 14SHRPT-500P (with power supply)

### SHERLOTRONICS MB3000P

MIMIC Base Data Receiver and Power Supply



- Utilizing secure code-hopping encryption
- 1,000-User remote control memory capability, System alive test every 6 hours on repeaters
- USB computer port on board
- 16-Character custom programmable text. Real-time and date clock event logging. 250 Event logging of internal memory
- RS232 dedicated WISMO output for SMS reporting
- Internal buzzer for audible notification 2 x Dry relay contacts
- Ordering no. 14SHMB3000P

### SHERLOTRONICS FPP-2

Panic Pack



- Kit includes
- 2 x Transmitters
  - 1 x 400m receiver
  - 1 x Power supply
  - 3 outputs (siren/radio/strobe)
  - Ordering no. 14SHFPP-2

### SHERLOTRONICS ST4001P

One Channel Trinary Transmitter for FPP-2 Panic Pack



- 1 button pendant remote
- Trinary dipswitch coded
- SAW-Crystal controlled
- Ordering no. 14SHST4001P

## TRANSMITTERS AND RECEIVERS

**SHERLOTRONICS SOFT - PULSE**

Monitoring Software For MB3000P



- Help installer fully program the following elements into the Mimic base
- Up to 1000 code hopping remotes
- 16 Characters of text information per remote
- Synchronise its time with that of the computer
- 8 cell phone numbers as master numbers and one unique number per individual remote programmed Windows Vista and XP compatible
- USB2 Communications port on board
- Ordering no. 14SHPULSE-SOFTWARE

**SHERLOTRONICS WISMO**

GSM Modem



- For SMS reporting on the MB3000P mimic base
- Ordering no. 14SHWISMO

**SHERLOTRONICS ASKDRX**

400m Data Receiver for Extra Range



- Used with SH14CHR / SH56CHR Channel Relay Decoder
- Ordering no. 14SHASKDRX

**SHERLOTRONICS 14CHR**

14 Channel Relay Decoder



- Utilizing secure code-hopping encryption
- 14-channel dry relay contact outputs
- 64 remotes per channel are programmable
- RS232 & USB Coms Port
- Selectable 1sec, 3sec, 3min, latching, constant latch outputs
- LED indicating which channel is to be programmed
- Ordering no. 14SH14CHR

## TRANSMITTERS AND RECEIVERS

### ET TX1-RC/2-RC/4-RC/6-RC

Rolling Code 1 / 2 / 4 / 6 Channel Transmitter



- Low battery indication
- Durable and robust
- Incorporates world renowned Keelog™ rolling code technology
- Frequency 433.92 Mhz
- Range 10-100m line of sight
- Positive button operation
- Colour coded buttons
- One Channel Transmitter ordering no. 1700753-000
- Two Channel Transmitter ordering no. 1700757-000
- Four Channel Transmitter ordering no. 1700763-000
- Six Channel Transmitter ordering no. 1700764-000

### ET RX1-RC/3-RC

Rolling Code 1 / 3 Channel Receiver



- Programmable non-latch/pulse time 0.25 to 60 seconds
- Latch mode via jumper
- 100m range
- Incorporates world renowned Keelog rolling code technology
- Master transmitter function (adding of additional transmitters)
- Onboard buzzer
- Frequency 433.92Mhz
- 12 to 24 volt ac/dc power input
- One Channel Receiver ordering no. 1700728-000
- Three Channel Receiver ordering no. 1700732-000

### ET RXCONDO-RC

Complex Rolling Code Receiver



- Individual memory location editing
- 999 memory users
- Digital memory location display
- Power save mode
- Incorporates world renowned Keelog rolling code technology
- 100m range
- Frequency 433.92Mhz
- 12 to 24 volt AC/DC power input
- Ordering no. 1700724-000

## GATE MOTORS AND ACCESSORIES

### ET 1000

Industrial Slide Gate Motor



- Maximum 1000 kg gate weight
- Power 370W motor
- Start up thrust up to 40kg
- Strong cast aluminium gearbox
- Onboard 31 user receiver
- Easy “one touch” programming
- Auto reverse on collision
- Gate motor operation warning light output
- Ordering no. 1700974-000



## GATE MOTORS AND ACCESSORIES

**ET 500 ACDC Plus**  
Slide Gate Motor Kit

- 500 kg Heavy Traffic
- High speed 18m per minute
- Courtesy light output
- External LED status indication
- Onboard 2 channel receiver
- Soft start / soft stop
- Includes 4m Rack and 2 x TX4 transmitters
- Includes theft deterrent bracket with padlock
- Ordering no. 1700506-000

**ET 500 12VDC Plus**  
Slide Gate Motor Kit

- 500 kg Low Traffic
- High speed 18m per minute
- External LED status indication
- Onboard 2 channel receiver
- Reversing mode operation
- Includes 4m Rack and 2 x TX4 transmitter
- Includes battery and transformer
- Includes theft deterrent bracket with padlock
- Ordering no. 1700504-000

**ET DC Blue Digital**  
Garage Door Motor Kit

- Electronic limit switch control system for precise stop/start positioning
- Advanced load sensing
- Flip-open lid with easy access for bulb replacement, external connections and transmitter programming
- Auto close function and safety beams input
- Soft start and stop
- Courtesy light
- Includes 2 x TX4 transmitters
- Ordering no. 1700481-000 (with 2.2m rail for tip-up doors)
- Ordering no. 1700482-000 (with 3.2m rail for sectional overhead doors)

**ET 90 Blue Plus**  
Swing Gate Motor Kit

- Built in limit switches
- Designed for swing gates leaves of up to 2m and weighing up to 250kg
- Onboard 2 channel receiver
- Individual motor load setting
- Pedestrian function
- Safety beam input
- Domestic application
- Battery and transformer included
- Ordering no. 1700904-000

### ET Roll-Up

#### Roll-Up Motor



- Powerful 80W and 24VDC motor
- 24V true battery backup available
- Low battery warning indication
- Quick and easy to fit
- Holiday lock out feature
- 2 channel onboard rolling code Rx
- Left or right hand fitment
- Ideal for limited space
- Optional weight bar (ordering no. 1700981-000)
- Ordering no. 1700980-000

### ET Access Blue - Fixed

#### Boom Gate



- Thermal overload protection
- Maximum 6m pole length
- Manual release
- 4.5 seconds operating time
- Maximum 2880 operations per day
- Combined magnetic / mechanical fail safe limit switch
- Durable phosphated Epoxy coated boom housing
- Ordering no. 1700821-000 (Left)
- Ordering no. 1700822-000 (Right)

### ET Access Blue - Jackknife

#### Boom Gate



- Thermal overload protection
- Maximum 3m pole length
- Manual release
- 4.5 seconds operating time
- Maximum 2880 operations per day
- Combined magnetic / mechanical fail safe limit switch
- Durable phosphated Epoxy coated boom housing
- Ordering no. 1700819-000 (Left)
- Ordering no. 1700820-000 (Right)

### ET Access Blue - Barrier Fence

#### Boom Gate



- Thermal overload protection
- Maximum 5m pole length
- Manual release
- 4.5 seconds operating time
- Maximum 2880 operations per day
- Combined magnetic / mechanical fail safe limit switch
- Durable phosphated Epoxy coated boom housing
- Ordering no. 1700823-000 (Left)
- Ordering no. 1700824-000 (Right)

## TRANSMITTERS AND RECEIVERS

**SENTRY TX1-B1 / TX3-B3**

One / Three Channel Binary Transmitter



- Compact, handheld remote control operating in the 403.55MHz band
- Feature up to 4096 unique codes in the binary transmission
- Split-code mode to control multiple common or unique devices
- Ordering no. 19METX1-B1 for One Channel Transmitter
- Ordering no. 19METX3-B3 for Three Channel Transmitter

**SENTRY TX1-F1 / TX3-F3**

One / Three Channel French Dipswitch Transmitter



- Compact, handheld remote control operating in the 403.55MHz band
- Unique internal dipswitch features up to 1,000,000 unique codes
- Ordering no. 19METX1-F1 for One Channel Transmitter
- Ordering no. 19METX3-F3 for Three Channel Transmitter

**SENTRY TX1-C1 / TX3-C3 / TX4-CH**

One / Three / Four Channel Code Hopping Transmitter



- Compact, handheld remote control operating in the 433MHz band
- Using Keeloq encryption, provides the ultimate level of security
- Each transmitter is unique with its own unique serial number
- Ordering no. 19METX1-C1 for One Channel Transmitter
- Ordering no. 19METX3-C3 for Three Channel Transmitter
- Ordering no. 19METX4-CH for Four Channel Transmitter

**SENTRY TX4-L**

Four Channel Learning Transmitter - 403.55MHz



- Compact, handheld remote control operating in the 403.55MHz band
- Capable of "learning" a button from an existing remote
- Supports learning of Binary, Trinary, French and SMART protocol
- Ordering no. 19METX4-L

**SENTRY TX4-D**

Four Channel Learning Transmitter - 403.55MHz &amp; 433.92MHz



- Compact, handheld remote control operating in the 403.55MHz and 433.92 band
- Capable of "learning" a button from an existing remote
- Supports learning of Binary, Trinary, French and SMART and code hopping
- Ordering no. 19METX4-D

## TRANSMITTERS AND RECEIVERS

### SENTRY RX1-COM / RX3-COM

One / Three Channel Code Hopping Compatible Receiver



- Learns any Code Hopping transmitter on 433.92MHz band
- Ordering no. 19MERX1-COM for One Channel Receiver
- Ordering no. 19MERX3-COM for Three Channel Receiver

### SENTRY RX-L1

One Channel Code Learning Receiver



- Learns Binary, Trinary, French codes
- Ordering no. 19MERX1-L1

### SENTRY RX-C3

Three Channel Code Hopping Receiver



- Learns any Code Hopping transmitters on 433MHz
- Ordering no. 19MERX3-C3

### SENTRY RX1-B1 / RX3-B3

One / Three Channel Binary Receiver



- Ordering no. 19MERX1-B1 for One Channel Receiver
- Ordering no. 19MERX3-B3 for Three Channel Receiver

## EVOLUTION SERIES RECEIVER AND ACCESSORIES

The convenience and flexibility of portable wireless remote control adds value to any security package. These multi-purpose wireless devices can be used to arm or disarm security systems from a distance. They can also be programmed to trigger garage door openers, turn on lights, open powered gates and even trigger panic alarms.

### EVOLUTION

Evolution Series Kit for DSC PowerSeries



- 1 x Com bus receiver
- 2 x High quality 5 button remotes
- 1 x Tri-Colour LED plate
- Ordering no. 03EV-REC1E-5BUTT

### EVOLUTION

Evolution Series Kit for NetworX NX Series



- 1 x Com bus receiver
- 2 x High quality 5 button remotes
- 1 x Tri-Colour LED plate
- Ordering no. 03EV-REC2E-5BUTT

### EVOLUTION EV-REM-5BUTT

Additional 5 Button Remote



- For Evolution Series Receiver
- Ordering no. 03EV-REM-5BUTT

## EVOLUTION SERIES RECEIVER AND ACCESSORIES

**EVOLUTION****Evolution Kit for DSC with Relay Module**

- 1 x Com bus receiver
- 2 x High quality 5 button 7 function remotes
- 1 x Tri-Colour LED plate
- 1 x Relay module
- Ordering no.03EV-REC1EKIT-DSC

**EVOLUTION****Evolution Kit for NetworX with Relay Module**

- 1 x Com bus receiver
- 2 x High quality 5 button 7 function remotes
- 1 x Tri-Colour LED plate
- 1 x Relay module
- Ordering no.03EV-REC2EKIT-NX

**EVOLUTION EV-REC LED****Separate LED for Evolution Kit**

- Only one additional allowed, requires EV-AMP
- Ordering no. 03EV-REC LED

**EVOLUTION EV-RELAY****Relay Module**

- For Evolution Series Receiver
- 2 dry relay contacts
- Ordering no. 03EV-RELAY

**EVOLUTION EV-AMP****Evolution LED Amplifier**

- Allow for additional LED brightness to be added to EV-REC2E-5BUTT
- Ordering no. 03EV-AMP

## RDC LONG RANGE RADIO MONITORING EQUIPMENT

Affordable security that allows for system monitoring on a 24/7 basis by a professional central station. It can dispatch the police, fire department or medical aid in the event of an emergency.

### RDC TX650C / TX690C

Anti-Takeover Synthesized Radio Transmitter



- Additional inputs for greater versatility
- Field programmable features for on-site convenience
- All inputs may be programmed individually
- Engineer test button
- Low battery reporting
- Draws less current making communication more reliable
- Internal tamper-proof whip antenna
- 5 triggers in TX-650C
- 9 triggers in TX-690C
- Reports a 4 digit code number, customer ID and 9 telemetry (TX650C)/12 telemetry (TX690C) conditions
- Ordering no. 11TX650C
- Ordering no. 11TX690C

### RDC TX690-CID

Synthesized Radio Transmitter with Contact ID



- Same features as the TX690C
- Extended data reporting in the contact ID format
- Ordering no. 11TX690CID

### RDC TX PROGRAMMER

RDC Programmer



- 6 x 14 character line display and a 12 button keypad
- Easily portable and requiring no separate power source
- Instant viewing of current configuration
- "Clone" feature for speedy changes to batches of transmitters
- Ordering no. 11TX-PROGRAMMER

### RDC D20 IPRS

IPRS™ Base Station / Repeater



- Intelligent IPRS™ and data acknowledge
- English telemetry display
- Programmable repeater auto-test and mains-fail reporting
- Unique individual system coding – prevents system cross talk
- One unit provides backup for both base station and repeater
- Compatible with X20 transmitters (TX 4000 and TX 8000 transmitters can be upgraded to IPRS™ technology)
- A neat, small sized, self-contained unit
- Ordering no. 11D20-IPRS



## RDC LONG RANGE RADIO MONITORING EQUIPMENT

**RDC D20 MSK**

MSK Base Station / Repeater



- An entry level signalling format for standard network installations
- May be used either as a base station decoder or as a repeater to extend the range of transmitters on the network
- Compatible with all RDC transmitter models
- Up to 30 repeaters per network for increased coverage and performance
- Programmable RS-232 serial output compatible with all control room monitoring software
- English telemetry display
- Ordering no. 11D20-MSK

## FSK LONG RANGE RADIO / GSM MONITORING EQUIPMENT

**FSK TX-75X**

Radio Transmitter



- 7 Hardwired inputs + AC fail
- TX-75X has a contact ID input which allows the unit to transmit full user and zone identification
- Each input can be programmed to trigger on a high level, low level or both
- Input 3 can be programmed to delay an alarm trigger if the panel has siren annunciation for arm/disarm
- A built-in battery low report with programmable trip time
- Internal self test programmable between 1 and 72 hours
- Ordering no. 02TX75X-BASIC (standard model)
- Ordering no. 02TX75X-CONTACTID (contact ID model)

**FSK MULTI-ROUTER**

Base Station / Repeater



- 4 x 20 Liquid crystal display
- Full menu driven software selection
- On-board GSM engine
- Multiple on board sockets for receivers and transmitters
- Internal buzzer / annunciator
- On board serial and parallel port
- Fully reprogrammable and remotely controlled via GSM
- Multiple antenna connectors
- Ordering no. 02REPEATER

**FSK MINI BASE**

RG-Net Radio / GSM Base Station



- Decodes FSK radio and GSM signals
- Serial port connection to a monitoring computer
- Parallel printer port
- Large (20x4) liquid crystal display
- Event buffer (accessible via front panel)
- Programmable via menu buttons and liquid crystal display
- Real-time clock for event time and date stamping
- Built-in charger and standby battery
- Menu driven feature selection
- Ordering no. 02BASE-MINI

## FSK LONG RANGE RADIO / GSM MONITORING EQUIPMENT

### FSK GSM OUTSTATION

TX Cellular SMS / GPRS Transmitter



- 7 hard wired inputs that can operate as active high / low or positive / negative trip
- 1 Dedicated AC supply monitoring input
- Relay outputs that can be controlled by the user by SMS or a missed call
- DTMF (tip & ring) interface for full contact ID reporting
- Full over the air user control by SMS
- Automatic back off to SMS when GPRS is not available
- Programmable user and zone identification
- Over the air programming
- Ordering no. 02GSM-OUTSTATION

## REMOTE VIDEO VERIFICATION

Video Verification



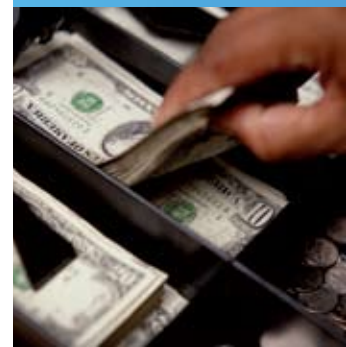
Open / Close Video Report



Video Guard Tours



Event Notification



### OZVISION OzLine 2CS / 4CS / 12CS

OzLine 2 Channel / 4 Channel / 12 Channel Digital Video Dialler



- Universal control panel compatibility
- Reliable, low-cost solution for remote video monitoring services
- Pre- and post-alarm video recording
- Control centre for End Users software (included) provides remote "look-in" capabilities and the ability to print images to a standard printer
- OzLine 2CS provides 2 camera inputs
- OzLine 4CS provides 4 camera inputs
- OzLine 12CS provides 12 camera inputs
- Ordering no. 22OZLINE2CS / 22OZLINE4CS / 22OZLINE12CS

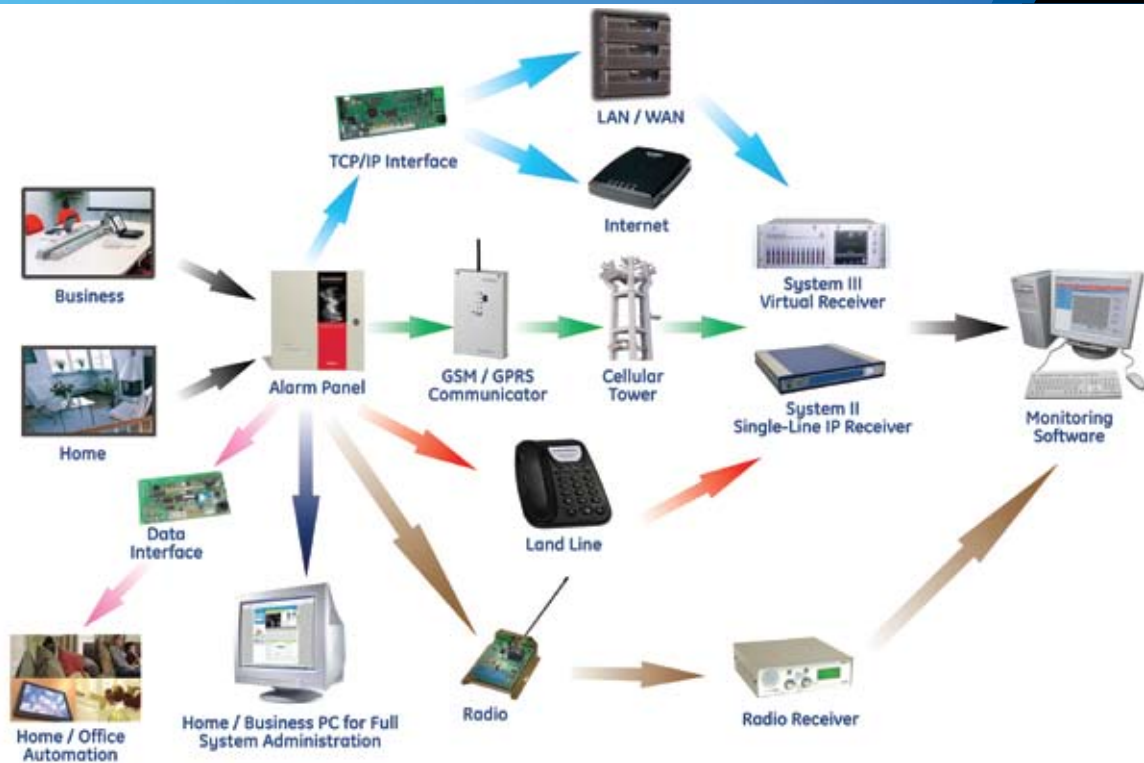
### OZVISION OzLine 4IP

OzLine 4 Channel Digital Video IP Module



- Cellular capability provides wireless video freedom
- Plug and Play installation on IP/ cellular network
- Captures and transmits high quality video over the Internet / cellular network
- Transmits Pre and Post alarm recordings to Central Station
- Supports login over the Internet for remote viewing
- Provides storage on the network in configurations supported by your Central Station
- 4 Video Motion Detection Sensors linked to alarm zones
- Full interface to alarm panels
- Secured and Encrypted communication
- Constant keep alive test with server
- Ordering no. 22OZLINE4IP

LET ELVEY HELP YOU TO CHOOSE THE RIGHT ALARM COMMUNICATION FOR YOUR NEEDS



## SUR-GARD SYSTEM I RECEIVER PLATFORM

The SG-System I Multi-Format Receiver allows the receipt of alarms via traditional Plain Old Telephone Service (POTS) telephone lines or over an optional IP connection (using DSC's T-Link or GS series of products). This combination of phone line and network receivers can be used to create one integrated monitoring solution.

### SUR-GARD SYSTEM I\*

System I Multi-Format Receiver



- Integrated scheduled receiver line card testing
- Up to 63 different profiles and up to eight different handshakes per profile
- 500-event memory buffer on each individual line card
- Continuous verification of computer / receiver links
- Remote acknowledgement and sounder capability
- Optional support for 512 IP Communicators
- 128 Bit AES encryption over IP
- Ordering no. 22SG-SYSTEM1

## SUR-GARD SYSTEM II SINGLE-LINE IP RECEIVER

Building upon the lineage of trusted Sur-Gard monitoring station receivers, the System II single-line IP receiver is designed for proprietary applications such as university campuses, gated communities/condominiums, dealers who need to monitor account system status, private corporate security and government facilities.

### SUR-GARD SYSTEM II

System II Single Line IP Receiver



- Value -priced remote monitoring solution ideal for proprietary applications
- Systems II supports up to 1024 t-link accounts (TL300/TL250/TL150),
- Desktop or rack mountable with the use of rack kit
- TCP/IP ,USB or serial outputs to automation software
- Menu driven,40-character,2-line LCD display with blue back lighting provides instruction when in manual mode
- 4 buttons for manual programming and acknowledgement of alarm signals when in manual mode
- Onboard flash memory and DSP for future software upgrades and enhancements
- Ordering no. 22SG-SYSTEM2

\*These items are on-order only and may subject to a 4 - 6 week lead time.

## SUR-GARD INTERNET ALARM COMMUNICATORS

The award-winning T-Link family of Internet and network alarm communicators saves money by using existing Internet connections to create an instant, always-on IP alarm communication solution between homes or businesses and the monitoring station.

### SurGard TL - 150

Residential IP Alarm Communicator



- Supports all PowerSeries control panels
- Compact, easy installation design
- Home owners can arm/disarm and view zone status through a webpage on their home computer
- Ordering no. 22SG-TL150

### SurGard TL - 250CE

Internet Alarm Communicator



- Supports PC1832, PC1864 and Maxsys control panels via built-in PC-Link or stand-alone mode for all other control panels
- Instant, always-on IP communication
- Works over local LAN/WAN network or internet
- 128-bit AES encryption
- Reports events to 2 different receiver IP addresses
- Low network bandwidth requirements
- 4 on-board programmable zone inputs
- 2 programmable voltage outputs
- Programmable through the panel keypad or T-Link Console software
- Ordering no. 22T-LINKL20CE

### SurGard SG TL - 260GS\*

Internet & GSM/GPRS Dual Path Alarm Communicator



- Fully redundant Internet and GSM/GPRS dual-path alarm communication
- Integrated call routing
- Panel remote uploading/downloading support via GSM/GPRS and Internet
- Supervision heartbeats via GSM/GPRS and Internet
- 128-bit AES encryption via GSM/GPRS and Internet
- Full event reporting
- SIA format
- PC-Link connection
- Signal strength and trouble display
- Compatible with Sur-Gard® System I/II/III monitoring station receivers
- Ordering no. 22SG-TL260GS\*

### SurGard TL - 300

Universal IP Alarm Communicator



- Compatible with any control panel that uses the Contact ID format
- Instant, always-on IP communication
- Works over local LAN/WAN network or internet
- 128-bit AES encryption
- Reports events to 2 different receiver IP addresses
- Low network bandwidth requirements
- 4 on-board programmable zone inputs
- 2 programmable voltage outputs
- Programmable through the panel keypad or T-Link Console software
- Ordering no. 22SG-TL300

\*These items are on-order only and may subject to a 4 - 6 week lead time.



## SUR-GARD SYSTEM III RECEIVER PLATFORM

### SUR-GARD S3BASE

Sur-Gard System III Base Station



- The industry's fastest response time with patented automatic response handshake selection (AHS)
- Saves on phones costs and optimizes line card activity
- Two inch rack mount cages are configured for auto switching redundancy and provide double-safe back-up ,zero downtime and UL/ULC approval
- Secure supervised internet/network monitoring with same receiver
- Mix-and-match 247 SG -DRL3 and -DRL-line cards
- Patented ANI and DNIS reception
- Patented caller ID capability
- User-friendly configuration tools

### SUR-GARD S3BASIC KIT

Sur-Gard System III Basic Kit



Kit includes

- 1 x CPM3 Central Processing Module
- 1 x Power Supply
- 1 x Power Supply Controller
- 1 x Voltage Convertor
- 1 x Rack
- 1 x Software
- 2 x STD Linecards
- 1 x Centronics to RJ11 EXP
- Ordering no. 22SG-S3BASICKIT

### SUR-GARD DRL3STD

Sur-Gard System II Standard NA and CE Line Card



- SG-DRL3 DSP bases virtual line card
- Max System III configuration supports up to 24 line cards
- Each DRL3 line card can monitor one telephone line
- Independent operation of CPM3 module
- 256-event non-volatile
- Flash downloads through Ethernet or serial port for fast software upgrades (using Sur-Gard Console software)
- Calling source (Caller ID and calling name)
- ANI (Automatic Number Identification)
- DNIS (Dialled Number Identification)
- Ordering no. 22SG-DRL3STD

### SUR-GARD DRL3-IP

Sur-Gard System III Network Line Card Module



- Network line card for System III receivers
- Each line card supports up to 512 supervised and up to 1,024 total T-Link (TL300, TL250, TL150) accounts
- Up to 24 line cards per System III receiver
- Instant, always-on IP communication
- Works over local LAN/WAN network as well as the Internet
- 128-bit AES encryption
- Polling and hardware substitution protection
- Compatible with 10/100BaseT networks
- Upgradeable flash memory
- Ordering no. 22SG-DRL3-IP

## CONVENTIONAL FIRE CONTROL PANELS

Conventional fire control panels from Bentel are designed and manufactured according to EN54 standards. The microprocessor-based system is suited to small and medium applications. Each detection zone is equipped with an alarm repeat output for selective alarm management in the event of fire.

### BENTEL J408-2 / J408-4 / J408-8

#### 2 / 4 / 8 Zone Conventional Fire Control Panel



- Conforms with EN54
- Up to 21 devices can be connected to each zone: conventional fire detectors, alarm buttons, gas detectors
- Gas zone compatible with 4-20 mA gas detectors
- One alarm-repeat output (open collector) for each input zone
- Manual call point recognition
- Signals missing detectors
- 2 supervised, silenceable, bypassable 24 V alarm output for the activation of piezoelectric sirens, fire bells and flashers
- Silenceable fault warning output for the activation of signalling and auxiliary devices
- Supervised fire output for the telephone dialler activation
- Dry contact alarm-relay for the activation of auxiliary devices
- Day/Night mode
- Alarm verification time
- Programmable restorable and reset times
- Programmable from PC or keypad
- 50 event log viewed via PC
- Alarm/fault memory activated until next reset
- Command for silencing sirens
- Keypad commands require key or pin code
- Ordering no. 76BJ408-2/4/8

### BENTEL J424-8

#### Expandable Fire Control Panel



- Conforms with EN24
- Up to 21 devices can be connected to each zone conventional fire detectors, alarms buttons, gas detectors
- Gas zone compatible with 4 - 20 mA gas detectors
- One alarm - repeat output (open collector) for each input zone
- Manual call point recognition
- Signals missing detectors
- 2 supervised, silenceable, bypassable 24 V alarm output for the activation of the piezoelectric sirens, fire bells and flashers
- Silenceable fault warning output for the activation of signalling and auxiliary devices
- Supervised fire output for the telephone dialler activation
- Programmable open-collector output
- Dry contact alarm-relay for the activation of auxiliary devices
- Day/Night mode
- Alarm verification time
- Programmable restorable and reset times
- Programmable from PC or keypad
- 50 event log view via PC
- Alarm/fault memory activated until next reset
- Command for silencing sirens
- Keypad commands require key pin code
- Ordering no. 76BJ424-8



## CONVENTIONAL FIRE CONTROL PANELS &amp; ACCESSORIES

**BENTEL J400EXP8**

8 Zones Expander Module for J424 Panels



- 8 balanced, by passable fire zones
- Ordering no. 76B-J400EXP8

**BENTEL J400-EXT**

Extinguisher Module with Microprocessor Control



- Output for electro-valves controlled by logic (AND/OR) between the status of the control panel zones
- Programmable extinguishment delay
- Output signals: extinguishment delay, extinguishment and released devices
- Fault signalling on input lines
- Bypass of extinguishment devices in the event of false alarm
- Inputs for selecting manual or automatic mode, extinguishment inhibit and power supply supervision
- Ordering no.76B-J400-EXT

**BENTEL J400-LCD**

Display Module



- Backlit LCD display module, two lines with 16 characters per line
- Main text regarding the system's status and it is equipped with 6 scroll keys
- Ordering no.76B-J400-LCD

**BENTEL J400-BRG**

Fire Panel Serial Interface



- Enables PC communication with J400 series fire control panels via RS485 bus
- Receives data from zones and peripherals and transmits commands to the system
- Ordering no. 76B-J400-BRG

**BENTEL J400-REP**

Repeater Panel



- 4 wire connection to the panel (power supply included)
- The repeater panel may be installed up to 1.000 m from the control panel
- Displays all audible and visual signalling
- Control panel management
- Ordering no. 76B-J400-REP

## CONVENTIONAL FIRE DETECTOR

### BENDEL 601-P

#### Optical Smoke Detector



- Suitable for general applications and areas
- Capable of detecting the visible smoke produced by materials which smoulder or burn slowly, i.e. soft furnishings, plastic foam etc., or smoke produced by overheated but unburnt PVC
- Asymmetrical sampling chamber and signal processing techniques stop unwanted alarms caused by very small insects
- EN 54 approved by LPCB
- Low operational voltage: 10.5v to 33v
- Designed for rapid installation
- Wiring polarity independent
- Ordering no. 76B-601P

### BENDEL 601H-R

#### Rate-of-Rise Heat Detector



- Detects abnormally high rates of rise of temperature
- Heat detectors offer an acceptable, but less sensitive alternative to smoke detectors if environmental conditions rule out their use
- For general use and particular where the ambient temperature may be low
- EN 54 approved by LPCB
- Low operational voltage: 10.5v to 33v
- Designed for rapid installation
- Wiring polarity independent
- Ordering no. 76B-601H-R

### BENDEL 601H-F

#### Fixed Temperature 60°C Heat Detector



- Detect abnormally high (static) temperatures
- Suitable for areas where sudden large changes in temperature are considered normal, such as kitchen, boiler rooms
- EN 54 approved by LPCB
- Low operational voltage: 10.5v to 33v
- Designed for rapid installation
- Wiring polarity independent
- Ordering no. 76B-601H-F

### BENDEL B-5B

#### Mounting Base



- Standard mounting base for Bendel 600 Series fire detectors
- Diameter 125.6mm, Height 11.5mm
- Ordering no. 76B-5B

## FIRE ACCESSORIES

**BENDEL MCP900RCS**

Conventional, Restorable Call Point with Alarm LED



- Stylish easy-to-install manual call point
- Ideal for internal environments that require manual activation and inhibition of fire alarms and fire extinguishers systems
- Also suitable for door escalator control
- The manual call point can be activated by pushing the centre of the operating face
- reset by means of special key
- Ordering no.76B-MCP900RCS

**BENDEL HS900-R24 / H900-R24**

Horn / Strobe, Red, 24V, Not Synchronized



- Operating voltage: 19/2 Vdc
- Strobe current draw (mean value): 90 mA
- Sound output height/low volume:  $87 \pm 3$  dB/100±3dB @ 3m
- Candela: 60 cd
- Dimensions: (wxhxd): 126x132x53 mm
- Protection class: IP31
- Operating temperature: 5/40 °c
- Ordering no. 76B-HS900-R24 for (for Horn/Strobe model)
- Ordering no. 76B-H900-R24 for (for Horn model)

**BENDEL HS900-R24S / H900-R24S**

Horn / Strobe, Red, 24V, Synchronized



- Operating voltage: 19/32 Vdc
- Strobe current draw (mean value): 90 mA
- Sound output height/low volume:  $87 \pm 3$  dB/100±3dB @ 3m
- Candela: 60 cd
- Dimensions: (wxhxd): 126x132x53 mm
- Protection class: IP31
- Operating temperature: 5/40 °c
- Ordering no. 76B-HS900-R24S for (for Horn/Strobe model)
- Ordering no. 76B-H900-R24S for (for Horn model)

**BENDEL BXM24 / 25-B / 50B**

Power Supply Station



- BXM24/25-B current: 2.5A max
- BMX24/50-B current: 5A max
- Output: 27.6 vdc
- Microprocessor-controlled switching power-supply
- Input voltage: 230 Vac  $\pm$  10% 50/60 Hz
- Stability:  $\pm$ 1%
- Continuous monitoring of the switching power supply with cut out in the event of fault or irregularity
- Continuous monitoring of the battery presence, level and the efficiency
- 3 independent outputs protected by thermal fuse
- Tamper and pull-off switches
- Battery compartment: two of 12 Vdc -17 Ah
- Ordering no. 76B-BXM24-25B / 76B-BXM24-50B

