ProxiPen Kit

Proximity-Based Guard Tour Verification System

The GCS® ProxiPen Kit from Detex is the total solution for your guard tour verification requirements and other data collection tasks. It includes everything you need to quickly and easily set up a complete guard tour system that features the innovative ProxiPen RFID tag reader and user-friendly TopGuard Patrol communication and reporting software.

Features and Benefits -

- ProxiPen's data points are RFID tags, which ProxiPen senses and reads automatically whenever they come into its reading range

- ProxiPen can read a tag even if it is wet, frosty, dirty, greasy, or painted over.

- ProxiPen's RFID tags may be concealed behind wallpaper, sheetrock, plaster, paneling, mirrors or any other nonmetallic surface; a real plus in applications where aesthetics or vandalism are considerations.

- ProxiPen is compact, lightweight and easy to use, with no external controls.

- Correct data readings are confirmed by visible and audible signals.

- ProxiPen's electronics are sealed in a tough polycarbonate housing, making the reader completely waterproof and shock-resistant.

- ProxiPen delivers 50,000 data readings from one "AA" battery, which is user-changeable without tools (or loss of data, which is preserved in non-volatile memory).

- ProxiPen's anti-tampering features discourage unauthorized battery removal.

- TopGuard Patrol software makes it easy to set up tours, download and evaluate collected data and prepare reports, which may be saved and/ or e-mailed in HTML or PDF format.

- TopGuard Patrol is easily customized to accommodate any data collection application, including maintenance, service, cleaning, attendance and asset tracking. Control points, incidents, personnel, equipment, inventory or activities can be assigned to an RFID tag.

- An optional PLUS version of TopGuard Patrol provides extended capacity, more reporting options and other advanced, high-utility features.

- The TopGuard Patrol software can be used with other GCS data acquisition hardware—including the popular Escorte system—in combination with the ProxiPen if so desired.

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Kit Contents -

Qty.	Part No.	Description
1	PROXIPEN-2	ProxiPen RFID Tag Reader
1	GCS-PP-DTU	Data Transfer Unit (DTU) for ProxiPen (serial or USB port)
1	GCS-PP-DTU-USB	USB Data Cable for ProxiPen DTU
1	GCS-TGP	TopGuard Patrol Software*
20	GCS-PP-TAG30-U	RFID Tag, 30mm diameter

System Requirements -

Minimum System:

- Intel® 486 processor (or compatible)
- 16 MB RAM
- 50 MB hard disk
- Screen resolution 800 x 600
- USB port (for DTU)

Recommended System:

- Intel® Pentium® Dual-Core E5700 3.0 GHz processor (or compatible)
- 2 GB RAM
- 500 GB hard disk
- Screen resolution 1024 x 768
- USB port (for DTU)

Works under Windows® 2000, XP, Vista and Windows 7**.**

The TopGuard Patrol software can be used on a stand-alone PC or on a workstation in a network. There is not a network version of TopGuard Patrol; however, multiple workstations having TopGuard Patrol PLUS installed can be configured to share downloaded data and produce reports independently.

NOTE: The optional TopGuard Patrol PLUS software also requires that the PC have an additional USB port, as it includes a copy protection device that must be attached to a USB port in order for the software to operate.

Options & Accessories -

- ProxiPen Holster (GCS-PP-HOL)

- Belt Clips for ProxiPen Holster (HOLST-PP-CLIP)

- Serial Data Cable for ProxiPen DTU (GCS-PP-DTU-CAB)***

- Power Supply for ProxiPen DTU, 120/240 VAC, with USA/UK/EUR adapters (GCS-PP-DTU-PS)***

- ProxiPen Incident Book, with 20 RFID tags (GCS-PP-INCBK)

- RFID Tag, 50mm diameter (GCS-PP-TAG50-N)

- RFID Tag, 20mm diameter (GCS-PP-TAG20-N)

- Wristband RFID Tag (GCS-PP-WB-U)

- Proximity RFID Card with Magstripe (GCS-PP-CRD-U)

- Keyfob RFID Tag (GCS-PP-KF-U)

- TopGuard Patrol PLUS Software** (GCS-TGPLUS)

***Only required if Data Transfer Unit (DTU) cannot be connected to a USB port

Detex Limited Warranty

1 Year Limited Manufacturers Warranty (3 years on ProxiPen)

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* TopGuard Patrol has been previously released as "WinDau Standard Edition" and "TopGuard Primo."
** TopGuard Patrol PLUS has been previously released as "WinDau Enterprise Edition."

January 11, 2012

ProxiPen

Compact Reader for RFID Tags

In today's rapidly-changing information society, large corporations and small companies alike increasingly require modern data collection and auto-ID systems. To meet these demands, GCS has developed an innovative data acquisition unit, the "ProxiPen." The ProxiPen reads radio frequency identification (RFID) tags and other transponders automatically, and can fully satisfy the data collection needs of both commercial and industrial applications.

Benefits -

- ProxiPen can read RFID tags even if they are wet, frosty, dirty, greasy, or painted over

- RFID tags can be concealed behind wallpaper, wallboard, plaster, paneling, mirrors or any other nonmetallic surface - a real plus in applications where aesthetics or vandalism are considerations

- ProxiPen "autosenses" and reads RFID tags whenever they come into its reading range

- Low power consumption - requires one "AA" commercial alkaline, lithium or rechargeable battery that can be replaced by user without any special tools

- High memory capacity (4,063 readings) - can be used for long periods in the field without the need for frequent downloading

- Easy to use; no external controls

Features -

- Compact, lightweight, simple to operate

- Tough waterproof polycarbonate housing

- Resists heat, shock and hydro-carbons

- Powered by one "AA" commercial alkaline, lithium or rechargeable battery

- Reads RFID proximity tags

- Provides visible and audible indications to confirm information has been read

Applications -

- Guard Tour
- Maintenance
- Recording Service Activities

- Cleaning
- Attendance

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Technical Information -

- Dimensions: 6.5"L x 1.26"W x 0.98"H (L165 x W32 x H25mm)

- Weight: 4.94 oz. (142g)

- Operating Temperature Range: -4°F to +158°F (-20°C to +70°C)

- Internal Protection Grade: IP67

- Mechanical Shock Resistance: Free fall from 5 ft. (1.5m) on concrete

- TAG Frequency: 125 kHz

- Reading Distance: 0.12" to 0.71" (3-18mm) depending on size of transponder and condition of battery. Reads through nonmetallic materials.

- Approved Tags: World TAG Unique dia. 1.18" (30mm); World TAG NOVA brick 0.2" (3mm); World TAG NOVA dia. 0.79"/1.18"/1.97" (20/30/50mm); Protag

- Memory Capacity: 4,063 readings

- Time Resolution: 1 minute

- Data Transfer: By RFID; 2400 to 57600 Baud

- Download Time: Approx. 1 minute (full memory)

- Housing: Polycarbonate

- Potting Material: Silicon or equivalent

- Power Supply: One "AA" cell, 1.5v

- Approved Batteries: Duracell® Ultra; Energizer® HI Energy lithium; Duracell Supreme AA 2650 mAH Rechargeable

- Time Permitted for Battery Change: 3 minutes maximum

- Battery Life in Standby Mode: Approx. 1 year

- Number of Readings with one Approved Alkaline Battery: Approx. 50,000

- EMC: EN 55022, EN 61000 4-3, EN 61000 4-2
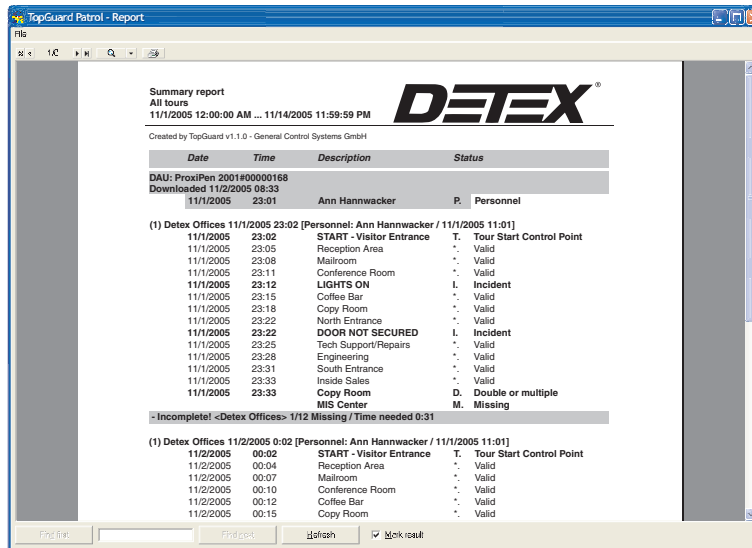
- Accessories: Leather holster with belt clip

Detex Limited Warranty

3-Year Limited Manufacturers Warranty

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TopGuard Patrol

Guard Tour Communication and Reporting Software

TopGuard Patrol® is a versatile guard tour software application from GCS. It is a communication tool for all GCS data acquisition units, combined with a report generator. It includes a Microsoft® Access database and the most modern programming tools, so it's powerful, yet easy to use. And TopGuard Patrol* can be quickly configured to display in a variety of languages.

Benefits -

- TopGuard Patrol software makes it easy to set up tours, download and evaluate collected data and prepare reports, which may be saved and/or e-mailed in HTML or PDF format

- PLUS Version provides extended capacity, more reporting options and other advanced, high-utility features

- With fully user-editable text fields, TopGuard Patrol can be customized to accommodate any data collection application, including maintenance, service, cleaning, attendance or asset tracking

- Can be used on a stand-alone PC or on a workstation in a network

- Password requested on startup prevents unauthorized access to master files and configuration of data acquisition units.

- Data is also protected by a CRC checksum to prevent manipulation

Features -

- Uses Microsoft® Access database

- PP-Modem utility allows modem transfer of data from remote sites

- Built-in utility communicates with GCS data acquisition and transfer units - checks battery status, sets date/time, defines dialing parameters for modem transfer

- TopGuard Patrol - Basic Version: Up to 1,750 data media (magnetic data strips, RFID tags or optical bar codes can be programmed as incidents, personnel or control points in up to 16 rounds. Includes one comprehensive evaluation report format.

- TopGuard Patrol PLUS - Enhanced Version: Up to 7,500 data media (magnetic data strips, RFID tags or optical bar codes can be programmed as incidents, personnel or control points in up to 250 rounds. Includes six different report formats with four report options.

- TopGuard Patrol PLUS - Ability to create maps of tours using imported JPG or BMP images

*TopGuard Patrol has been previously released as "WinDAU Standard Edition" and "TopGuard Primo." TopGuard Patrol PLUS has been previously released as "WinDAU Enterprise Edition."

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Reports (TopGuard Patrol PLUS only) -

- Six (6) Report Formats:

  - Summary Report
  - Personnel Report
  - Control Point Report
  - Incident Report
  - Break Report
  - Database History Report

- Four (4) Report Options
  (Summary and Personnel Report
  only)

  - Print missing control points
  - Print Exceptions
  - Print missing control points
  - Summary only

System Requirements -

Minimum System:

- Intel® 486 processor (or compatible)
- 16 MB RAM
- 50 MB hard disk
- Screen resolution 800 x 600
- USB port (for DTU)

Recommended System:

- Intel® Pentium® Dual-Core E5700 3.0 GHz processor (or compatible)
- 2 GB RAM
- 500 GB hard disk
- Screen resolution 1024 x 768
- USB port (for DTU)

Works under Windows® 2000, XP, Vista and Windows 7

NOTE: In addition, TopGuard Patrol PLUS includes a copy protection device that must be attached to a USB data port on the PC in order for the software to operate.

TopGuard Patrol can be used on a stand-alone PC or on a workstation in a network. There is not a network version of TopGuard Patrol; however, multiple workstations having TopGuard Patrol PLUS installed can be configured to share downloaded data and produce reports independently.

Password Protection -

Each time TopGuard Patrol is started, the password is requested. You may log in as the administrator or a user, as required. This prevents unauthorized access to master files and configuration of data acquisition units. The downloaded data is also protected by a CRC checksum to prevent manipulation.

Programming and Downloading -

Tours are easily defined by manually entering or downloading control points from a data acquisition unit into a control point "pool." Collected data is evaluated immediately after downloading it to the computer, and within seconds you can view the report on the screen. GCS magnetic data strips, RFID tags and bar codes can be used as control points or for predefined incidents or personnel identification. Reports may be printed, saved to a file or sent by e-mail in native TopGuard Patrol format or as an HTML or Adobe Acrobat® PDF file.

Configuration of Data Acquisition and Transfer Units -

The built-in utility function communicates with all GCS ProxiPen and Escorte data acquisition units and the ProxiPen data transfer unit. It can be used to check the battery status, set the date and time, define dialing parameters for data transfer by modem and other tasks.

Modem Transfer -

Data transfer by modem allows recorded data to be downloaded from different remote sites to a central station for creating and evaluating reports at one central site. The recorded data stays in the memory of the data acquisition unit until the local modem confirms correct receipt of all data. The PP-Modem utility, included with TopGuard Patrol, communicates with and downloads the remote devices.

Detex Limited Warranty

1-Year Limited Manufacturers Warranty

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RELIANT™ PLUS

Guard Tour Verification System Kit

Reliant PLUS from **DETEX** provides a complete, simple-to-use solution for guard tour verification and other data-collection tasks. The **Reliant PLUS Kit** includes everything you need to quickly and easily set up a complete guard tour system that features the rugged Reliant data acquisition unit, stainless steel iButton® touch-memory checkpoints and the user-friendly Reliant PLUS communication and reporting software.

Reliant Data Acquisition Unit

REL-DAU

The Reliant Data Acquisition Unit (DAU) is a rugged, portable device with no external controls that records and stores readings from the iButton checkpoints, along with the time and date of each reading. The device is protected by an enclosure of glass-reinforced polycarbonate (Lexan®). Successful readings are confirmed both by audible and visible indicators. The Reliant stores 5,460 readings in nonvolatile RAM. The unit will operate for one year or 500,000 readings on three "AAA" batteries, which are user-changeable. The Reliant measures 3.88" x 1.9" x 1.36" (98.5mm x 48mm x 34.5mm) and weighs 5.3 oz. (150g).

Reliant Data Transfer Unit

Touch-Memory iButton® Checkpoints

Reliant Incident Book

REL-DTU

REL-CKP

Station 1

REL-INCBK

The Reliant Data Transfer Unit (DTU) transfers checkpoint readings from the Reliant DAU to a PC for processing into reports. The REL-DTU connects to the PC via an RS-232 (serial) port or a USB port.

The Reliant checkpoints use stainless-steel touch-memory iButtons. Each iButton has a unique 16-digit ID number that identifies the checkpoint, security officer, supervisor, etc. to which it is assigned. The iButtons are assembled into checkpoints using clear polycarbonate shells and mounted with the self-threading screws provided.

Incidents may be recorded using the Reliant Incident Book. Incidents are pre-defined and assigned numeric codes in the Reliant PLUS software. Incidents observed by the officer are recorded during a tour by entering the incident's code, using the touch-memory keypad.

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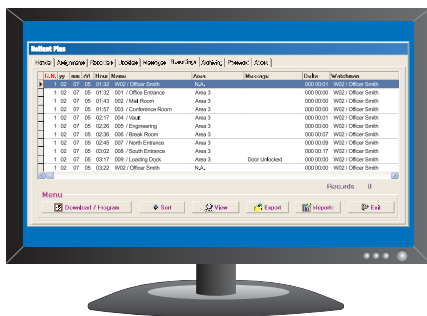
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Reliant PLUS Software

Reliant PLUS is an easy-to-use software application for communicating with and configuring the Reliant DAU, transferring and analyzing tour data and producing reports of officers' activities. Its Paradox database provides powerful and flexible reporting features, including:

- • Filtered reports
- • Performance/Exceptions report
- • Missed Stations reports

Reliant PLUS also includes archiving and database management and repair functions.

Mobile Data Transfer Unit

REL-MDTU

The Reliant Mobile Data Transfer Unit, with a capacity of 21,842 readings, can collect the data from several Reliant DAUs. This makes it unnecessary to take a portable PC to several sites or to bring the DAUs to a central location for downloading.

iButtons for Officer & Supervisor ID

iButton ID Badges and Keys are used to identify officers or supervisors in the reports, so that responsibility for performance of tasks may be assigned.

ID Badge
(REL-BDG)

ID Keys
(REL-KF)

Contents of Kit

- 1 - Reliant Data Acquisition Unit
- 1 - Nylon Holster
- 1 - Reliant Data Transfer Unit
- 1 - Reliant PLUS Software CD, including User Manual (PDF)
- 2 - iButton® ID Keys
- 10 - Checkpoints (including iButtons)
- 1 - Incident Book

iButton Mounting Options

Other options for mounting iButtons include one-piece mounts in ABS plastic or aluminum.

ABS Mount
(REL-CKP-MNT2)

Aluminum Mount
(REL-CKP-MNT3)

Detex Limited Warranty

2-Year Limited Manufacturers Warranty