

# 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.



## Kit Contents -

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<u>Qty.</u>	<u>Part No.</u>	<u>Description</u>
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
- Windows® 2000, XP, Vista
- USB port (for DTU)

#### **Recommended System:**

- Intel Pentium II processor (or compatible)
- 64 MB RAM
- 150 MB hard disk (depending on database size)
- Screen resolution 1024 x 768
- Windows® 2000, XP, Vista
- USB port (for DTU)

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)

\* 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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# 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 hydrocarbons
- 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: 7.48"L x 1.26"W x 0.98"H (L190 x W32 x H25mm)
- Weight: 4.94 oz. (140g)
- Operating Temperature Range: -4°F to +158°F (-20°C to +70°C)
- Internal Protection Grade: ProxiPen: IP64; Sokymat TAGS: 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: Sokymat World TAG (Unique), dia. 1.18" (30mm); Sokymat World TAG (Nova), dia. 0.79"/1.18"/1.97" (20/30/50mm); Sokymat Tear Shape (Keyholder) and Wrist Band
- Memory Capacity: 4,063 readings
- Time Resolution: 1 minute
- Data Transfer: By RFID; 2,400 to 115,200 Baud
- Download Time: Approx. 1 minute (full memory)
- Housing: Polycarbonate
- Potting Material: Silicon or equivalent
- Power Supply: One "AA" cell, 1.5v
- Recommended Batteries: Duracell® Ultra, Energizer® e<sup>2</sup> Photo Lithium, Sanyo® Twicell 1600 Ni-MH 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 (Electromagnetic Compatibility): EN 55022, EN 61000 4-3, EN 61000 4-2
- Firmware: Flash-upgradeable

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3-Year Limited Manufacturers Warranty



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