

ProxiPen

Compact Reader for RFID Tags



Trust Detex® to put the most advanced technology in proximity-based guard tour verification systems within your reach.



The ProxiPen system gives you consistently accurate data readings without direct contact, plus a consistently great price.

DETEX is the leader in the guard tour verification market with its GCS® universal data acquisition systems, which can be used to provide an unfalsifiable record of services that must be performed at predetermined times and places. All GCS equipment has been designed and tested to stand up to use (and abuse) in the harshest conditions.

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

ProxiPen Data Acquisition Unit

The ProxiPen is compact, lightweight and easy to operate because it "autosenses" and reads RFID tags and transponders automatically, without any external controls on the unit. The ProxiPen's electronics are potted in a shock-resistant polycarbonate housing, making the reader completely waterproof and resistant against heat, shock and hydrocarbons. Due to its low power consumption, the ProxiPen requires only one size "AA" commercial alkaline, lithium or rechargeable battery that the user can replace without any special tools. Nonvolatile memory prevents loss of data if the battery is dead or missing. The ProxiPen has a high memory capacity and can be used for long periods in the field without the need for frequent downloading.

**Life Safety,
Security and
Security Assurance**

ARCHITECTURAL
HARDWARE

LOSS PREVENTION
PRODUCTS

ACCESS
CONTROL

SYSTEM
ENHANCEMENTS

INTEGRATED
SYSTEMS

GUARD TOUR
VERIFICATION

How It Works - ProxiPen has a built-in sensor that recognizes RFID tags. When the ProxiPen's reading head is placed within reading distance of a tag, it reads the unique code stored in the tag automatically, without contact. And because it can read tags through nonmetallic building materials (drywall, paneling, etc.), the tags may be concealed if desired. Visible and audible signals confirm that the data has been read correctly. Control points, incidents, personnel, equipment, inventory or activities can be assigned to an RFID tag.

Easy Reporting - GCS TopGuard Patrol* "plug and play" communication and reporting software is easy to use and requires only basic knowledge of Windows® to configure the ProxiPen, create the tour files and evaluate collected data. TopGuard Patrol provides a comprehensive evaluation report that details who did what, where and when. TopGuard Patrol software is included in each ProxiPen system kit.

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



Applications

- Guard Tour
- Maintenance
- Recording Service Activities
- Cleaning
- Attendance

Technical Data

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 ² 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
Accessories:	Leather holster with belt clip

ProxiPen Warranty

This DETEX ProxiPen Data Acquisition Unit is warranted to be free of defects in material and workmanship when properly configured, used and maintained according to instructions. We will, for a period of three (3) years from the date of purchase, repair or replace any part which, upon our examination, proves to be defective under normal use. This warranty will be honored only upon presentation of proof that the product covered thereby was purchased directly from an authorized DETEX Distributor. We shall not be liable for any direct, incidental or consequential loss or damage arising out of the failure of this device.

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