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, glass or any other nonmetallic material - a real plus in applications where aesthetics or vandalism are considerations

- ProxiPen "autosenses" and reads RFID tags whenever they come within 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 that RFID tag 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

ProxiPen Kit -

The ProxiPen is available in a kit that provides the total solution for guard tour verification requirements and other data-collection tasks. It contains everything you need to quickly and easily set up a complete guard tour system:

- ProxiPen RFID Tag Reader
- Data transfer unit with USB cable
- TopGuard Patrol communication and reporting software
- 20 RFID tags (30mm dia.)

Detex Limited Warranty

1 Year Limited Manufacturer's Warranty

DETEX®
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Safety, Security and Risk Management

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