



GCS PROXIPEN

The GCS ProxiPen is a market leading guard patrol verification system. ProxiPen records the presence of security personnel at given times and places. All GCS equipment has been designed and tested to stand up to use (and abuse) in the harshest conditions.

ProxiPen reads approved proximity tags automatically and can fully satisfy the data collection needs of both commercial and industrial applications.

DATA COLLECTION UNIT

The ProxiPen is compact, lightweight and easy to handle because it recognises approved proximity tags automatically without any operating elements on the reader. The electronics of ProxiPen are potted in a shock resistant polycarbonate housing, making the reader completely splash-proof and resistant against heat, shocks and hydrocarbons. The low power consumption of the electronic circuit requires only one size AA commercial alkaline, lithium or rechargeable battery, which can be replaced without any special tools. ProxiPen has an extremely high memory capacity and can be used for long periods in the field without the need for intermediate readouts.

PROXIPEN ATEX

On sites subject to the risk of explosion it is necessary to be able to use a device which is certified to be intrinsically safe — we are able to offer an ATEX version of the ProxiPen for use in such areas. The reader has been certified to level II I G EEx ia IIC T4.

PROXIPEN KIT

The ProxiPen Data Collection Unit is available in a kit which provides the total solution for guard tour verification requirements and other data collection tasks. It contains everything needed to quickly and easily set up a complete guard tour system:

- ProxiPen Data Collection Unit
- Data transfer unit with USB cable
- TopGuard Patrol software
- 20 Proximity tags

APPLICATIONS

- Guarding
- Maintenance
- Recording of service activities
- Cleaning
- Attendance



SPECIFICATIONS

- Dimensions: 6.5"L x 1.26"W x 0.98"H
(165mm L x 32 mmW x 25 mm H)
- Weight: 4.94oz (142g)
- Temperature range: -4F to +158F (-20°C to +70°C)
- Internal Protection Grade: IP67
- Mechanical Shock Resistance: Free fall from 5 feet (1.5m) on concrete
- TAG frequency: 125 kHz
- Read Range: Without contact from 0.12" to 0.71" (3-18mm) depending on transponder. Reads through wood, glass, etc.
- Approved Tags: World TAG Unique dia 1.81"(30mm), World TAG NOVA brick 0.2" (3mm), World TAG NOVA dia, 0.79", 1.81", 1.97" (20-50mm used with GCS® Proxi-Escorte), Protag
- Memory capacity: Up to 4063 readings
- Time resolution: 1 minute
- Data transfer: By RFID 2400 to 57600 Baud
- Download time: Approx. 1 min (full memory)
- Housing: Polycarbonate
- Potting material: Silicon or equivalent
- Power supply: One AA cell 1.5v
- Approved cells: Duracell Ultra, Energiser HI Energy lithium, Duracell Supreme AA 2650 mAH Rechargeable
- Time permitted for battery change: 3 min. max
- Battery life in stand by mode: Approx. 1 year
- Number of readings with one approved alkaline battery: Up to 50,000
- EMC: EN 55022, EN 61000-4-3, EN 61000 4-2
- Accessories: Leather holster with belt clip

HOW IT WORKS

ProxiPen has a built-in sensor that recognises approved proximity tags. When the reading head of the ProxiPen is brought within the reading distance of a tag, the unique code stored in the tag is read automatically without any contact. Control points, incidents, personnel, equipment, inventory or activities can be assigned to a proximity tag. A visual and an acoustic signal confirm that the data has been read correctly. Firmware is upgradeable through authorised GCS distributors.

EASY WORKING

TopGuard Patrol 'plug and play' communication and evaluation software is easy to use and requires only basic knowledge of Windows to set up ProxiPen, create master files and evaluate collected data. The report generator provides a comprehensive evaluation report telling who did what, where and when. TopGuard Patrol software is included with each ProxiPen Kit.

SOFTWARE DEVELOPMENT KIT

A software development kit is available to allow third party management and reporting software to be used with the ProxiPen.



G4S Technology

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