

GC-02

Guard Patrol Touring Data Acquisition Base

The GC-02, **DigiTool™** "Base" unit is complete docking station solution for Up/Downloading a GC-01 Reader to the GS-01 or GS-02 PC Software via RS-232 cable. The Robust, stylish unit also serves as a charger and iButton Reader for enrolling Tags. Perfect for Guard Patrol Touring solution. GS-02 is upward compatible with GC-50 "Station"

GENERAL DESCRIPTION

Rosslare's ORIGINAL **DigiTool™** GC-02 "Base" is special desktop, or wall mountable docking station/charger for the GC-01 Reader. By providing an RS-232 interface to the PC, and an iButton reader locally, the "Base" is the perfect partner for local, single PC controlled applications.

Superior long lasting design, especially for utility, low desktop/wall space, and balanced hassle free spring loaded contacts ensures many years of use. **DigiTool™** GC-02, is ideal for all your local Guard Patrol Touring applications. (see Figure 1)

The GC-02 "Base" is highly integrated with the other **DigiTool™** family of Guard Patrol products, including the GCK-01 KIT (See figure 2), and the GC-50 PSTN "Station" communicator (See figure 3).

The whole system enables the guard touring administration of guards, tours, location tags, user and events tags. Raw Data is downloaded to either the GS-01 Reports Light (free PC software), or the advanced GS-02 Call Center remote monitoring software, to generate reports and data analysis..

The Base is made of thick ABS, with a nickel plated steel iButton Reader, a unique swiveling DC and a RS-232 serial connector.



Figure 1: DigiTool GC-02 Base

MAIN FEATURES

- > The **DigiTool™** GC-02 is made for the human with a unique assortment of human interface features;
 - a) Small Desktop footprint, with Rubber Feet
 - b) Rotating RS-232 and 3 mm Barrel Socket
 - c) Spring Loaded Contacts for easy GC-01 docking
- > The **DigiTool™** GC-02 Alerts user for Battery Charging and Battery full modes when a GC-01 Reader is docked.
- > Highly effective and protected **DigiTool™** GC-02 wall mount option saves on desk-space.
- > Built-in iButton reader on the side is useful for enrolling Location, Event and User tags to the PC Software.
- > Full Duplex RS-232 Communication at 9600 Baud.
- > Built-in Charger front-end for the rechargeable 1800 mAh Lithium-Ion battery in the GC-01 Reader
- > Legend Compatible with GC-50 Remote modem communicator for seamless upgradeability.



Figure 2: DigiTool GCK-01 Starter Kit

The **DigiTool™** GCK-01 starter kit lets you immediately protect and get into the Data Storage and reports Software "Reports Lite". GC-K01 includes CD-Rom Reports Lite software, 1 Data Cable, 1 AC/DC adaptor, 1 GC-02 "Base", 1 GA-06 Leather Belt Holster, 12 Location Tags GA-01, 1 GC-01 Readers, and a 10-Event Wallet GA-01.

All the units come in one consolidated box with the installation and operation manual.



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PRODUCT DETAILS



Figure 3. GC-02 Connects with the GC-50 for remote PSTN data access.

PRODUCT SPECIFICATIONS

Operating Voltage and Current:

Minimum 9.0V and 0.1 mA
Maximum 12V DC and 500 mA provided by AC/DC Adapter
Very low power consumption

Uploading and Downloading Speed:

9600 Baud Speed
High Speed Downloads and Uploads to PC

Connection to PC:

Connects through 9-pin serial port to the PC
Integrates with CS-01, and GS-01 PC Software

Up / Downloading Speed:

9600 Baud Speed
Downloads and Uploads to PC

iButton Tag Enrolling to PC:

By simply touching the Location Tag on the contact of the GC-02 during PC software in learn mode
Learns Location tags to PC Software

Reader Charging Time:

Battery Charges in 3 hours from empty to full
For GC-01 Readers internal 1800 mAh Lithium-Ion

Buzzer Sounder Indication:

Internal Buzzer Indication: Beeps twice when the DigiTool is inserted and once when removed.
2 Pattern beeping indication

Hardware Compatibility:

Compatible with GC-01 Reader and GC-50 PSTN Remote Communicator
DigiTool Legend Hardware

L.E.D. Indication:

Orange=Digitool out of base
Red=Connected and Charging
Green=Battery Full
3-Color LED Indication

Water Resistance:

Housing is sealed from Water by grommets
Water, Dust and Dirt resistant design

Data Read Speed:

0.001 seconds per read
Provides a quick read of a Location Tag or Event button

Construction Materials:

ABS Plastic
Nickel Plated Contacts
Tough and Rugged

Operating Temperature:

Minimum Maximum
-32 C / 0 F 90 C / 100 F

Mechanical Dimensions:

Applicable to most applications
100 mm Height
82 mm Width
80 mm Depth
Wall mounted or desktop

Unit Weight:

180 grams
Weighted Ballast for increased stability