GC-02

Data Acquisition Reader Base

DigiTool™
Digital Data acquisition

ROSSLARE'S DIGITOOL™ GC-02 BASE IS PART OF ROSSLARE'S DIGITOOL™ GUARD PATROL SYSTEM ENCOMPASSING A COMPLETE RANGE OF PROFESSIONAL, LEADING-EDGE, HIGH-QUALITY, HIGH-PERFORMANCE PRODUCTS FOR PRIVATE AND PUBLIC SECTORS.

SERVING AS A CHARGING STATION FOR ROSSLARE'S DIGITOOL™ GC-01 READER, THE RUGGED GC-02 CAN BE WALL-MOUNTED OR USED ON A DESKTOP. IT PROVIDES AN RS-232 INTERFACE TO A SINGLE PC AND A LOCAL ID DALLAS iBUTTON™ CHIP READER FOR LOCATION AND EVENT TAGS ENROLLMENT.

THE DIGITOOL™ GC-02 IS THE IDEAL COMPONENT FOR USE WITH LOCAL, SINGLE-PC CONTROLLED APPLICATIONS.

GENERAL DESCRIPTION

Rosslare's DigiTool™ GC-02 Base is designed with a focus on high quality and reliability as a top priority. The GC-02 Base docking-station is made of rugged ABS plastic. It contains a nickel-plated steel iButton™ ID chip Reader, a built-in rapid charger with a unique swiveling DC power connection, and a rotating RS-232 serial connector for wall or desktop mount.

The GC-02 Base facilitates data transfer from the GC-01 Reader to a single PC for report generation and data analysis using DigiTool™ GS-01 Reports Light or GS-02 DCC DigiTool™ Call Center remote monitoring software.

The flexibility of the GC-02 models to read Dallas iButton™ ID chips allows you to tailor your system even more to suite your specific needs.

MAIN FEATURES

- Spring-loaded contacts for easy docking of the GC-01
- Built-in AC-DC adapter and fast charger for the GC-01's 1800 mAh lithium-ion battery
- AC-DC wall transformer included
- Ultra-low power consumption
- 3-color LED battery-status indicator:

  - Orange – GC-01 Reader not docked
  - Red – GC-01 is docked and charging
  - Green – GC-01 battery is fully charged

- Built-in ID chip reader for enrollment and recording of locations, events, and user tag data
- Contains no parts that requires user servicing
- Attractive, efficient, and rugged dust and water resistant design
- Attractive, efficient, and rugged design

PROFESSIONAL GRADE FEATURES

- Flexibility with the option to select models with Dallas iButton ID chip (GA-01/AT-32B)
- Rotating RS-232 9-pin serial port with a 3 mm Barrel socket
- Full duplex RS-232 communication at 9600 baud
- Small desktop footprint with rubber feet
- Wall-mount option helps save desktop space
- Integrates with the GCK-01 Kit, the GC-50 PSTN remote station communicator, and the Guard Patrol product family
- Interface compatibility with the GC-50 modem communicator to facilitate upgrading

ROSSLARE
SECURITY PRODUCTS

SPECIFICATIONS

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SECURITY PRODUCTS

- Operating Voltage Range

  9-12 VDC

- Input Current, Max.

  Standby: 45 mA Maximum: 500 mA

OPERATIONAL SPECIFICATIONS

- Docking indicator

  Beeps once when GC-01 reader is inserted or removed

- Battery charging time

  Fully charges the GC-01 battery in 3 hours

- Battery LED indicators

  Orange: GC-01 reader is not docked
  Red: battery is being charged
  Green: GC-01 battery is full

- ID chip reader

  Reads location, event, and user tags
  Automatically "learns" location ID number when PC software is in learn mode

- RS-232 Connector to PC

  9-pin serial port, 9600 baud rate

- Product models

  Dallas iButton™: GC-02
  Generic numeric ID: GC-02F

ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature

  -20°C to 60°C (14°F to 140°F)

- Operating Humidity

  0 to 95% (non-condensing)

- Operating Environment

  Indoor use

- Construction Materials

  ABS plastic with nickel-plated contacts and water-resistant grommets
  Water, dust, and dirt-resistant design

PHYSICAL SPECIFICATIONS

- Dimensions (H x W x D)

  100 x 82 x 80 mm (3.94 x 3.23 x 3.15 in.)

- Weight

  180 g (0.40 lbs) (including ballast weight for enhanced stability)

SYSTEM COMPONENTS

This product integrates with other DigiTool™ family of Guard Patrol products:
  - GC-01 Data Acquisition Reader Base
  - GC-03 Data Acquisition Reader Charger
  - GC-50 Communicator Station
  - GA-01 Location tag, available in several colors
  - GA-02 Event Wallet
  - GA-12 Digital Event Wallet
  - AT-32B Guard personal tag

GUARD PATROL KITS

GCK-01 – DigiTool™ Starter Kit
GCK-02 – DigiTool™ Basic Remote Kit
GCK-03 – DigiTool™ Guard Patrol Upgrade Kit
GCK-04 – DigiTool™ Guard Patrol Basic Kit

PRODUCT WARRANTY

2-year Limited Product Warranty

ELECTRICAL SPECIFICATIONS