

# GC-02

Data Acquisition Reader Base

**DigiTool**<sup>®</sup>  
Digital Data acquisition



ROSSLARE'S DigiTool<sup>®</sup> GC-02 BASE IS PART OF ROSSLARE'S DigiTool<sup>®</sup> 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<sup>®</sup> 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<sup>™</sup> CHIP READER FOR LOCATION AND EVENT TAGS ENROLLMENT.

THE DigiTool<sup>®</sup> GC-02 IS THE IDEAL COMPONENT FOR USE WITH LOCAL, SINGLE-PC CONTROLLED APPLICATIONS.

## GENERAL DESCRIPTION

Rosslare's DigiTool<sup>®</sup> 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<sup>™</sup> 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<sup>®</sup> GS-01 Reports Light or GS-02 DCC DigiTool<sup>®</sup> Call Center remote monitoring software.

The flexibility of the GC-02 models to read Dallas iButton<sup>™</sup> 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
- Built-in ID chip reader for enrollment and recording of locations, events, and user tag data

- 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
- 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

## ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	9-12 VDC
■ Input Current, Max.	Standby: 0.1 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 <sup>TM</sup> : GC-02 Generic numeric ID: GC-02F

## ENVIRONMENTAL SPECIFICATIONS

■ Operating Temperature	-20°C to 60°C (-4°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<sup>®</sup> family of Guard Patrol products:

- GC-01 Data Acquisition Reader
- 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<sup>®</sup> Starter Kit  
GCK-02 – DigiTool<sup>®</sup> Basic Remote Kit  
GCK-03 – DigiTool<sup>®</sup> Guard Patrol Upgrade Kit  
GCK-04 – DigiTool<sup>®</sup> Guard Patrol Basic Kit

## PRODUCT WARRANTY

2-Year Limited Product Warranty

## ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

[www.rosslaresecurity.com](http://www.rosslaresecurity.com)

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