

DG-100

GPS Data Logger

- SiRF Star III
- 20 Channel All-In-View Tracking
- NMEA 0183
- WAAS / EGNOS
- 3.15" x 2.15" x 0.7"
- Store Up To 60,000 Points
- Two "AA" Ni-MH Rechargeable Batteries
- 20 Hours Of Operation
- Three Selectable Preset Data Recording Intervals From The Unit's Slide-Switch



For hikers, bikers, joggers, or anyone who requires a passive data logger to record and store waypoints from traveled routes will find the DG-100 to be the perfect solution. The GlobalSat DG-100 uses an integrated SiRFStar III GPS chipset and is capable of recording up to 60,000 waypoints into its internal memory. The stored data, which includes time, date, speed, altitude and GPS coordinates, can then be uploaded to a PC for viewing on third-party maps such as the free version of GoogleEarth®.

The included Windows-based interface utility will allow you to configure the DG-100 to various pre-set record intervals associated with the device's three-position slide-switch. Once programmed, activities like hiking, jogging, running, biking or driving can be recorded accurately with the corresponding position of the slide-switch. When extracting data from the DG-100, the interface utility can export files into popular formats such as .CVS, .TXT, .GPX or even .KML for use with GoogleEarth® and GoogleMaps®.

Data Logger

General Specifications

USB Connector.....Mini USB (5 pins)
 USB Version.....Ver 1.1 (Active Sync)
 Operation Time.....20hrs
 Charge Time.....7hrs
 Operating Temperature.....-4°F to -122°F / -20°C to 50°C
 Storage Temperature.....-4°F to -95°F / -20°C to 35°C
 Humidity.....95% Non-Condensing

GPS Specifications

GPS Chipset.....SiRF Star III
 Frequency.....L1, 1575.42 MHz
 C/A Code.....1.023 MHz chiprate
 Channels.....20 channel all-in-view tracking

Acquisition Rate

Hot Start.....1 Sec., Average
 Warm Start.....38 Sec., Average
 Cold Start.....42 Sec., Average
 Reacquisition.....0.1 Sec., Average

Power Source

Prime Power.....NiMH Rechargeable Batteries (x2)
 External Power (USB).....5VDC
 Operating Voltage.....3-5VDC
 Battery Capacity.....2450 mAh (x2)
 Current Draw.....65mA
 Power Consumption.....325mW

Antenna

GPS Antenna Type.....Built-in patch antenna
 External Antenna.....MMCX

Physical Characteristics

Enclosure.....Durable Polycarbonate
 Dimensions.....3.15" x 2.15" x 0.7" (80mm x 54.6mm x 17.8mm)
 Weight.....2.1oz (62g)

Carton Specifications

Quantity Per Box.....50
 Carton Weight.....36lbs
 Carton Dimensions.....29" x 16" x 12" (736.6mm x 406.4mm x 304.8mm)



PACKAGE CONTENTS:



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