

## BT-359 GPS Receiver

- SiRF Star III Chipset
- 20 Channel All In View Tracking
- NMEA 0183
- WAAS/ EGNOS
- 3.22" x 1.6" x 0.5"
- 32' Wireless Range
- 11 Hours of Continuous Use
- Li-Ion Rechargeable Battery



The GlobalSat BT-359 is a Bluetooth® GPS receiver that pushes the limits of offering reliability and performance into such a small package, by incorporating the latest SiRF technology the Star III Low Power GPS chipset. Enhanced performance features include greater sensitivity, a higher degree of accuracy and faster signal acquisition times.

The BT-359 communicates with its host device (PDA, Laptop, or Smartphone) using Bluetooth® 2.0 Serial Port Profile (SPP), and with it's built-in ceramic patch antenna, the BT-359 is compact and eliminates the requirement for any external antenna, while still providing impressive accuracy even within urban canyons and under dense foliage. A rechargeable and replaceable Li-Ion battery offers up to 11 hours of continuous use from a fully charged state. Additional features include 3-color status LED's used to indicate power condition, Bluetooth® connectivity and GPS signal status.

With available options such as a sturdy belt case, extra batteries and neck-lanyard, the BT-359 has proven itself to be functional in most any application from vehicle, marine and topographical to GIS data collection.

## Bluetooth GPS Receiver

### Performance Specifications

GPS Chipset.....SiRF Star III  
 General.....L1 (1575.42MHz) frequency C/A code  
 20 channel all-in-view-tracking receiver  
 Accuracy.....10 meters 2D RMS (WAAS disabled)  
 1-5 meters 2D RMS (WAAS disabled)  
 Velocity 0.1 m/second  
 time 1 m/second synchronized  
 Acquisition.....Reacquisition: 0.1 sec. average  
 hot start: 1 sec., average  
 warm start: 38 sec., average  
 cold start: 42 sec., average  
 Sensitivity.....Tracking: -159 dBm

### Protocol

GPS Protocol.....Default: NMEA 0183 (Secondary: SiRF binary)  
 GPS Output Data.....SiRF binary >> position, velocity, altitude,  
 status and control NMEA 0183 V2.2 protocol  
 Software command setting  
 GPS transfer rate.....(Default : 38400,n,8,1 for NMEA )  
 Communication with host platform via Bluetooth  
 Connection.....Bluetooth Serial Port Profile

### Electrical Characteristics

External Power.....5 VDC (Mini-USB port, not for data transfer)  
 Operating Voltage.....4.5 V- 5.5V ±5%  
 Battery Capacity.....1100mAh  
 Battery Life.....11 hours of continuous use  
 Current Draw.....85mA  
 Power Consumption.....425mW

### Environmental Specifications

Operation Temperature.....14°~ 140°F (-10°~ 60°C)  
 Storage Temperature.....4°~ 158°F (-20°~ 70°C)  
 Operation Humidity.....Up to 95% non-condensing

### Physical Characteristics

Enclosure.....Durable Polycarbonate  
 Dimensions.....3.22" x 1.6" x 0.5"  
 (82 mm x 41 mm x 13.4 mm)  
 Weight.....2.2 Ounces (62.4 Grams)

### Carton Specifications

Quantity Per Box.....50  
 Carton Weight.....39lbs  
 Carton Dimensions.....29" x 16" x 12" ( 736.6mm x 406.4mm x 304.8mm)

		<b>SYMBIAN</b>
		<b>WIN</b>
<b>USB</b>		<b>WM</b>
<b>20 CHANNEL</b>		<b>PALM</b>
<b>Li-Ion</b>		<b>LINUX</b>
<b>BLUETOOTH</b>	<b>SIRF III</b>	<b>MAC</b>



### PACKAGE CONTENTS:



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