

# BT-368

## GPS Receiver

- SiRF Star III Chipset
- 20 Channel All In View Tracking
- NMEA 0183
- WAAS/ EGNOS
- 2.75" x 1.57" x 0.36"
- 32' Wireless Range
- 10 Hours of Continuous Use
- Li-Ion Rechargeable Battery



The GlobalSat BT-368 is a Bluetooth® GPS receiver that is as powerful as it is stylish. Embedding reliability and performance into a thin profile housing which utilizing GlobalSat's mature micro-technology based around the SiRF StarIII GPS chipset. It's no surprise that the design of the BT-368 was inspired to accent the recent wave of sleek new mobile phones entering the market, having clean lines and a striking trim combination, the BT-368 is becoming a fashion statement in addition to being a functional peripheral.

The BT-368 communicates with its host device (PDA, Laptop, or Smartphone) using Bluetooth® 2.0 Serial Port Profile (SPP), and with it's powerful built-in patch antenna, still remains compact without the need for any external antenna. The BT-368 has an impressive accuracy even while driving among downtown high-rises or under dense foliage. A rechargeable Li-Ion battery offers up to 10 hours of continuous use from a fully charged state. Additional features include a 3 status LED's used to indicate power condition, Bluetooth® connectivity and GPS signal status and comes with both a 110VAC wall charger and a 12VDC car charger.

## 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.....Position: 3 m / 2.5 m with DGPS  
 Velocity: 0.1 m/s  
 Time:1ms RMS  
 Acquisition.....Reacquisition: 0.1 sec. average  
 hot start:1 sec., average  
 warm start: 38 sec., average  
 cold start: 42 sec., average  
 Sensitivity.....Tracking: -146 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.....Mini-USB port (not for data transfer)  
 Operating Voltage.....5V ±5%  
 Battery Capacity.....700mAH  
 Battery Life.....10 hours of continuous use  
 Current Draw.....70mA  
 Power Consumption.....350mW

### Environmental Specifications

Operation Temperature.....14°~ 140°F (-10°~ 60°C)  
 Storage Temperature.....-4°~ 158°F (-20°~ 70°C)  
 Operation Humidity.....5% to 95% non-condensing

### Physical Characteristics

Enclosure.....Durable Polycarbonate  
 Dimensions.....2.75" x 1.57" x 0.36" (70 mm x 40 mm x 9.2 mm)  
 Weight.....0.96 Ounces (27.21 g)



### PACKAGE CONTENTS:



		<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>

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