

## **Sirf III - 20 Channel-Bluetooth GPS w/ replaceable rechargeable batteries- \*NEW\***

### **Details**

**Incredibly Fast Lock-In, and Super Accurate!**



#### **HIGHLIGHTS**

**\*NEW\*** Based on the highly successful Sirf III GPS chipset, the TeleType GPS 20 Channel Bluetooth GPS Receiver locks in fast under the most difficult environmental situations such as urban canyons and heavily forested areas. Often times this receiver will lock in when you're inside, under cover. Excellent accuracy for driving, boating, flying, or hiking!

#### **BENEFITS**

- Enhanced functionalities to provide fast lock-in
- Bluetooth wireless operation up to 30 feet between GPS receiver and PDA
- Replaceable LiON rechargeable batteries, last up to 10 hours of use!
- Small, sleek, lightweight, easily fits on the palm of your hand or your shirt pocket.
- "Grip" padding on the bottom allows the receiver to stay put!
- WAAS Enabled, 20 channel receiver
- Compatible with any Bluetooth enabled computer or PDA!

#### **Note**

- This receiver requires a Bluetooth enabled Pocket PC or laptop/desktop computer.
- TeleType does not provide technical support for third-party Bluetooth adapter cards or Palm GPS software.

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1. 20 Channel Sirf III GPS Receiver
2. USB power cable
3. U.S. AC power
4. European AC Adapter
5. USB DC car charger

# Hardware

## HARDWARE SPECIFICATIONS

TeleType GPS  
High Sensitivity 20 Channel Bluetooth GPS Receiver

### GENERAL

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Chipset:	SiRF Star III
Protocol:	Standard NMEA-0183 V2.2 , Baud rate: 4800 , 8-None-1
Sensitivity:	-159dBm
Frequency:	L1 1575.42MHz, C/A code, 20-channel all in view tracking
C/A:	1.023 MHz chip rate
Antenna:	Built-in Antenna, Serial Port Profile (SPP)
LED Indicators:	Bluetooth, GPS, Battery Status

### ACCURACY

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Position Horizontal:	Up to 2.2 meters RMS, <a href="#">WAAS enabled</a> territories, 25m 95% without SA
Position Vertical:	Up to 5 meters RMS, <a href="#">WAAS enabled</a> territories, 25m 95% without SA
Velocity:	0.1 meters/second, without SA
Time:	1 microsecond synchronized to GPS time

Datum: WGS-84

## ACQUISITION RATE

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Reacquisition: 0.1 sec., typical (within 5 sec, Block out)  
Hot Start: < 8 sec., average (Module)  
Warm Start: < 38 sec., average (Module)  
Cold Start: < 42 sec., average (Module)

## DGPS SOURCE

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Default: WAAS

## DYNAMIC CONDITIONS

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Altitude: < 18,000m (60,000 feet)  
Velocity: < 515 meters/second (700 knots)  
Acceleration: 4g. max

## INTERFACE

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Connection: Communicate with host platform via  
Bluetooth(Class2) serial port profile  
Protocol: NMEA-0183 (v3.0) standard at 4,800 bps baud rate  
GGA, GSA, GSV, RMC

## POWER

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Battery: Lithium-ion Rechargeable Battery 3.7V/1050mAh  
Charger: 5v, 1 amp  
Charging time: 4 hours (typical)  
Operation Time: up to 10 hours

## ENVIRONMENTAL

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Operating Temperature: -10 to +60 degrees Celsius  
Storage Temperature: -20 to +85 degrees Celsius  
Relative Humidity: 5% to 90%, non-condensing

## DEVICE SIZE

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Dimensions: 72 x 44 x 21 mm (D \* W \* H)  
Mass: 70 g

\* Specifications are subject to be changed without notice.\*

