

G2010**Bluetooth
GPS Receiver**

SiRFstarIII Bluetooth™ GPS receiver for use with mobile computing solutions. 10 hour battery life for field use. Includes AC power adaptor. Options include DC power CLA power adaptor for vehicle use and external antenna.

Technical Specifications**> Receiver**

GPS Chipset:	SiRFstar III
Chipset Processor:	ARM7/TDMI – 49MHZ
Frequency:	L1, CA code
Signal Acquisition:	1920 time/frequency search channels
Channels:	20 Channels; all-in-view tracking
Max. Update Rate:	1Hz
Sensitivity:	-159dBm
DGPS Source:	Default: WAAS/EGNOS
System Back Up:	Built-in Lithium-Ion rechargeable battery
Antenna Type:	Built-in Antenna

> Acquisition Rate

Reacquisition:	100msec
Hot Start:	<1 second
Warm Start:	<38 seconds
Cold Start:	<42 sec

> Protocol

Default:	NMEA-0183
Programmable:	NMEA- VTG, GLL / SiRF Binary

> Bluetooth

Compatible with Bluetooth Serial Port Profile (SPP)

> Power

Battery:	Lithium-Ion; 10 hour battery life
Draw:	80mA at 3.3V; DC power adaptor
Internal Battery:	3v (for GPS module only)

> Dynamic Conditions

Altitude:	<18,000 meter
Velocity:	< 515 meter/second
Acceleration:	<4g

For more information on the **G2010 Bluetooth GPS Receiver**, contact **OrbitGPS** at sales@OrbitGPS.com or +1.203.654.7771

**> User Environment**

Operating Temperature:	-20°C to +60°C
Storage Temperature:	-40°C to 70°C
Humidity:	5% to 95%, non-condensing

> Physical Characteristics

Depth:	67mm
Width:	46mm
Height:	19mm
Weight:	56g

> Accuracy

OrbitGPS receivers offer typical accuracies of 3-5 meters uncorrected, and 3 meters or better with correction.*

> Operating Systems Supported

Windows Mobile5.0; ; Windows Mobile /PPC 2003, Windows XP, Windows Vista

> Part Number: G2010**> Accessories**

G2011:	DC Cigar Lighter Power Adaptor
G2012:	External GPS Antenna

* Accuracy subject to degradation based on environmental and positional conditions. Rated accuracy provides 95% Circle Error Probability (CEP) position accuracies of <5 meters with WAAS correction and <10 meters uncorrected.

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