

**G2030****Bluetooth  
GPS Receiver**

32-channel Bluetooth™ GPS receiver for use with mobile computing solutions. 10 hour battery life for field use. Includes AC power adaptor. Options include AC power adaptor and hardwire vehicle power adaptor.

**Technical Specifications****> Receiver**

GPS Chipset:	MTK MT3318
Frequency:	L1, CA code
Channels:	32 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:	<33 seconds
Cold Start:	<36 sec

**> Protocol**

Default:	NMEA-0183
Programmable:	NMEA- VTG, GLL

**> Bluetooth**

Compatible with Bluetooth Serial Port Profile (SPP)

**> Power**

Battery:	Lithium-Ion; 10 hour battery life
Draw:	50mA 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

**> 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:	65mm
Width:	43mm
Height:	17.6mm
Weight:	53g

**> Accuracy**

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

**> Operating Systems Supported**

Windows Mobile5/6/6.5 ; Windows Mobile /PPC 2003, Windows XP, Windows Vista

**> Part Number: G2010****> Accessories**

G2031:	DC Power Adaptor
G2032:	DC Hardwire Power Cable

\* 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.

For more information on the **G2030 Bluetooth GPS Receiver**, contact **OrbitGPS** at [sales@OrbitGPS.com](mailto:sales@OrbitGPS.com) or +1.203.654.7720

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