



# Bluetooth GPS Receiver

With SiRF starIII inside

Rev.A00



## *Features:*

- State-of-the-Art SiRF Star III
- 20 channel all-in-view tracking
- Capable of operating indoors and tracking signals down to -159dBm
- 12 hours operating on full charged battery
- Rechargeable Battery
- Hot start: 1 sec, Warm start: 38 sec, Cold start: 42 sec
- Work with PDA, Smart Phone, Computer



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<b>Electrical Characteristics</b>	
Protocol:	NMEA0183 GGA(1sec), GSA(1sec), GSV,(5ec) RMC(1sec), VTG(1sec)
Baud Rate:	9600,N,8,1
Max. Update Rate:	1 Hz
Datum:	WGS84
Channel:	20 channel all-in-view tracking
Frequency:	L1, 1575.42MHz
Hot Start:	1 sec. Average
Warm Start:	38 sec. Average
Cold Start:	42 sec. Average
Reacquisition Time:	0.1sec. Average
Position Accuracy:	10 meters, 2D RMS 5 meters, 2D RMS, WAAS enabled
Power Supply:	DC 5V
Battery Life	12HRs with Li-Ion Battery
Antenna Type:	Built-in Ceramic patch antenna
External Antenna Interface:	MMCX
Bluetooth	Class 2, distance up to 10 meters
Dimension:	86(W)x45(L)x23(H) mm
LED Indicator:	Red LED : GPS is fixed or not fixed / Power On Blue LED : BT is connected or not connected
Operating Temperature:	-10°C to + 70°C
Storage Temperature:	-40°C to + 85°C
Operation Humidity:	5%~95%, Non-Condensing