



Bluetooth GPS Receiver

With MediaTek

Rev.A01



Features:

High Sensitivity,-158dBm(Tracking)

14 channel all in view tracking,WAAS enable(Option)

Fast Position Fix ,Cold start<37s,Hot start<2s

Superior Urban Canyon Performance

Work with PDA, Cell Phone, Computer

Compatible with all navigation software

20~30hours operating on full charged battery and solar panel activated

RoHS compliant



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Electrical Characteristics	
Protocol:	NMEA 0183 v3.01 (Default : GGA,GSA,GSV,RMC,VTG) MTK NMEA Command
Baud Rate:	9600,N,8,1(Default)
Max. Update Rate:	Up to 5 Hz
Datum:	WGS84
Channel:	14 channel all-in-view tracking
Frequency:	L1, 1575.42MHz
Hot Start:	2 sec. Average
Warm Start:	36 sec. Average
Cold Start:	37 sec. Average
Reacquisition Time:	Less than 1 sec (Typical)
Position Accuracy:	< 3m CEP (50%) without SA (horizontal)
Sensitivity	Tracking : -158 dBm
Power Supply:	DC 5V
Power Consumption	45mA(avg.)
Battery Life	20HRs with Li-Ion Battery, 30HRs when working with Solar Battery
Antenna Type:	Built in low noise patch antenna
External Antenna Interface:	MMCX
Bluetooth	Class 2, distance up to 10 meters
Dimension:	52(W)x82(L)x21(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