

BLUETOOTH GPS RECEIVER

General		Accuracy	
GPS Chip	CP17/NMEX GPS Module	Position	3meters CEP (50%), without SA (Horizontal) 3 meters (90%)
Frequency	L1, 1575.42MHz	Velocity	0.1 m/sec. without SA
C/A Code	1.023MHz chip rate	Time	± 100 ns synchronized to GPS time
Channels	16 channels all in view tracking	Datum	WGS-84 (or by demand)
Antenna (Interna)	Built-in low noise	Dynamic Conditions	
External Antenna Port	Active MCX Antenna	Altitude	<18,000m
Sensitivity		Velocity	<515m/sec
To -152Bm Tracking, Superior Urban Canyon Performance		Interface	
Acquisition Rate		Communication Protocol	Communicate with host platform via
Cold Start	60 sec, average Acceleration<4g	Bluetooth (class 2) serial port profile	Bluetooth communication distance 10M, TYP.
Warm Start	38 sec, average Motional Jerk 20 m/sec.	GPS Protocol	
Hot Start	12 sec, average	Default: NMEA-0183 (V3.01) -GGA(1), GSA,GSV, RMC(1), VTG(1), Band rate 9600 bps or 38400bps, Data bit : 8, stop bit : 1(Default) *	
Reacquisition	1sec	Device Size	82 (L) X 46 (W) X 24 (H) mm
Accuracy	3m CEP (50%), 9m (90%)	Accessories	Car charger (12V in, 5V output) AC adaptor (5V output, 500ma)
Velocity	0.1m/sec, without SA		
Time	±100ns synchronized to GPS time		
Power			
Built-in rechargeable 880mAh Li-ion battery and 5 V DC input			
Operation Current	45mA (Typical)		
Operation Time	20hrs, after fully charged, in continuous		
Charging time	2.5hrs. (Typical)		
Environmental			
Operating Temperature	- 20°C to + 60°C		
Relative Humidity	5% to 90% non-condensing		



GPS
Power
Bluetooth

MADE IN CHINA

