

General	
Frequency	L1, 1575.42MHZ
C/A Code	1.023MHZ
Datum	WGS84
Performance Characteristics	
Position Accuracy	Without aid: 3.0m 2D-RMS < 3m CEP (50%) without SA (horizontal) DGPS (WAAS, EGNOS, MSAS): 2.5m
Velocity Accuracy	Without aid: 0.1m/s DGPS (WAAS, EGNOS, MSAS): 0.05m/s
Acceleration	Without aid: < 4g DGPS (WAAS, EGNOS, MSAS): < 4g
Timing Accuracy	50 ns RMS
Reacquisition Time	< 1s
Hot start	1,5 s
Warm start	34 s
Cold start	35 s
Sensitivity	Acquisition: -144 dBm Tracking: -165dBm
Update	1Hz
Power	
Input Voltage	Vin: 5.0V±10%
Battery	Rechargeable 1000mAH Lithium battery
I/O	
Available Baud Rates	115200 bps
Protocols	NMEA 0183 v3.01
Environment	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 60°C
Charging Temperature	0°C ~ 45°C
Bluetooth	
Standard	Fully compliant with Bluetooth V1.2
Output Power	0dBm (Typical), ClassII
Range	Up to 15 meters
Bluetooth Profile	Serial Port Profile (SPP)
Frequency	2.4G ~ 2.4835GHz ISM Band
Security	Yes
USB Bridge	
Standard	Fully compliant with USB2.0
Full - speed	12Mbps
Dimension	46.5 x 72.2 x 20 mm
Data Log	
32Mb serial Flash ROM	
Up to 125,000 way points.	
Log GPS data by time interval/ distance/ speed limit.	
Log GPS data by button push.	
User can configure settings by using utility.	