

Blumax Bluetooth GPS-4044 Recorder (Data Logger)



FEATURES

Dual mode for both Data record and Navigation
 Push button to record interesting point manually
 User can record the date by setting the interval of time, distance and speed 125,000 waypoints
 Semi indoor
 AGPS available
 Fuzzy Auto On/Off
 Phototagger software
 Support G-Mouse

SPECIFICATIONS

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

General

Frequency: L1,1575.42MHZ
 C/A Code: 1.023MHZ

Datum: WGS84

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

