

Blumax Bluetooth GPS-4044 Datalogger, 66 Channels Bluetooth™



Notice

Blumax Bluetooth **GPS-4044 Datalogger with 66-Channels**. It provides capability up to 125,000 recorded data and supports Smart Power control for prolonged operation time.

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:

General	
Frequency	L1,1575.42 MHZ
C/A Code	1.023 MHZ
Datum	WGS 84
Performance Characteristics	
Position Accuracy	Without aid: 3.0 m 2 D-RMS < 3 m CEP (50%) without SA (horizontal)
	DGPS (WAAS, EGNOS, MSAS): 2.5 m
Velocity Accuracy	Without aid: 0.1 m/s DGPS (WAAS, EGNOS, MSAS): 0.05 m/s
Acceleration	Without aid: < 4 g DGPS (WAAS, EGNOS, MSAS): < 4 g
Timing Accuracy	50 ns RMS
Reacquisition Time	< 1s
Hot start	1,5 s
Warm start	34 s
Cold start	35 s
Sensitivity	Acquisition: -148 dBm Tracking: -165 dBm
Update	1 Hz
Dynamic	
Altitude	Maximum 18,000 m

Velocity	Maximum 515 m/s
Acceleration	Maximum 4 g
Power	
Input Voltage	Vin: 5.0 V±10%
Battery	Rechargeable 1000 mAh 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	0 dBm (Typical), ClassII
Range	Up to 10 meters
Bluetooth Profile	Serial Port Profile (SPP)
Frequency	2.4 G ~ 2.4835 GHz ISM Band
Security	Yes
USB Bridge	
Standard	Fully compliant with USB 2.0
Full - speed	12 Mbps
Dimension	46.5 x 72.2 x 20 mm
Data Log	
32 Mb 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.	

Package content:

- 1 x Blumax Bluetooth GPS Datalogger
- 1 x Li-ion Rechargeable Battery
- 1 x Car charger
- 1 x CD-ROM (Manual + Software)
- 1 x USB to mini-USB cable



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