

# *i-Blue821*

## Slim BT GPS Trim Recorder



### Overview

At just 10mm thick, this BT GPS logger features an all in one, cost effective portable GPS logging solution. With its on-board memory, it allows you to log your route. Through user friendly utility, it shows your track on Google Earth. And by coupling smart power-saving options with fuzzy auto on/off, it's also the most power-efficient receiver available. Highly sensitive and super-efficient, this device enjoys wide consumer appeal.

### Key Features

- w/32MB serial Flash, up to 150,000 way points
- Bluetooth GPS with 51 channels
- Ultra high sensitivity up to -158 dBm (Tracking)
- Smart Power Save Mechanism
- Fuzzy Auto On/Off

### Application

- Record your travels and show on Google Earth
- Manage business trip expenses
- Fleet management
- Keep an eye on valuable merchandise
- Show your photos on Google Map
- Support photo Geo Tagging

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## *Slim BT GPS Trip Recorder*

### Specifications

#### General

Frequency	L1, 1575.42MHz
C/A Code	1.023MHz chip rate
Channels	51 CH for tracking
Antenna	Built-in patch with LNA
Datum	WGS-84

#### Acquisition

Cold Start	36 sec, average
Warm Start	33 sec, average
Hot Start	1 sec, average
Reacquisition	<1 sec

#### Accuracy (none DGPS)

Position	Without aid: 3.0m 2D-RMS DGPS:2.5m,2D-RMS
Velocity	Without aid: 0.1m/s DGPS:0.05m/s
Time	50 ns RMS
Sensitivity	-158 dBm

#### Dynamic

Altitude	< 18,000m
Velocity	< 515m/sec
Acceleration	4g

#### Protocol

GPS Output	NMEA-0183 (V3.01) – GGA, GSA, GSV, RMC (default)
	GLL, VTG (optional)

Data bit: 8,stop bit: 1 (Default)
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#### Interface

Bluetooth™	Version 1.2 compliant
Output Power	Class 2 (over 10 meter in free space)
Frequency	2.4 to 2.48 GHz

#### Power

Battery	Rechargeable 750mAh Lithium battery
Work Hours	18 hrs
Standby Time	250hrs
DC Input	5V
Power Charge	Mini USB

#### Environmental

Operating	- 10 °C to + 60 °C
Storage	- 20 °C to + 60 °C
Charging	0 °C to + 45 °C
Humidity	5% to 90% non-condensing

#### Physical

Dimension	93.5 x 46 x 10.8mm
Weight	49.5g

#### Others

Certification	CE / FCC
LED	Bluetooth, Navigation, Log, Battery / charger status

\*Bluetooth is a trademark owned by Bluetooth SIG, Inc.

\*Specifications subject to change without prior notice.

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