



## BGT-11 Bluetooth GPS Tracker Specifications

Navigation features		
Waypoints/icons	1000 with name and graphic symbol	
Routes	20 with max. 125 waypoints each	
Tracks	1 with max. 8192 waypoints	
Trip computer	Odometer, trip timer, current speed, maximum speed, sunrise, sunset...	
Alarms	Monotone, red LED	
GPS performance		
Channel, Frequency	12 channels, L1 C/A code	
Position/Velocity (non DGPS)	25 m CEP/0.1 m/s without SA	
Acquisition time	8/38/45 seconds (hot/warm/cold start) 0.1 second (reacquisition)	
Update rate	1 Hz (Normal / Power trickle mode)	
Dynamics	Speed (max.)	515 m/s
	Altitude (max.)	18000 m
	Acceleration (max.)	4 g
Differential GPS	DGPS and WAAS capable	
Antenna	Built-in patch antenna	
Power		
Source	Built-in lithium-ion polymer rechargeable battery, External power	
Battery Life	9 ~12 hours (backlit off), up to 16 hours in low power mode	
Interfaces		
Language	English, French, Chinese S, Chinese T, Russian, Norwegian, Spanish, Estonian, Germany, Portuguese	
Communication	USB and Bluetooth™	

### LOCOSYS Technology Inc.

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Data format (USB port)	NMEA 0183 (Baud rate: 4800) RTCM 104 (input only) SiRF binary format (firmware upgradeable)	
Memory card	SD/MMC slot	
<b>Bluetooth™</b>		
Version	Version 1.1 compliant	
Radio	Support class 2 and class 3 (up to 10 meter range)	
Frequency	2.400 to 2.480 GHz	
Modulation	GFSK	
RF Channels	80 channels	
Input sensitivity	-80 dBm	
Output level	4 dBm	
Data format	NMEA 0183 (Baud rate: 38400)	
<b>Physical</b>		
Size	90H x 58W x 24.5D mm	
Weight	100 g	
Display	Mode	Black/White, FSTN, Transflective
	Size	1.5 inch (33W x 21H mm)
	Resolution	128W x 64H pixel
	Backlit	LED
<b>Environmental</b>		
Operating temp.	-20 ~ +60 °C	
Storage temp.	-30 ~ +80 °C	
Water proof	IEC529 IPX7 and floatable	
EMC standard	CE, FCC	
<b>Accessories</b>		
Standard	Quick start guide	
	CD (user manual, driver and utility)	
	USB interface/charge cable	
Optional	Universal travel charger (pins for US/Europe/UK)	
	Car charger	
	Bike mounting kit	
	Arm strap	

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