



The GT-800BT is a unique with Wireless interface for personal traveling and vehicle tracking device in use friendly. GT-800BT uses the Global Positioning System (GPS) to record vehicle movement, speed, route and duration of stops. This information can be displayed on a GIS mapping with MapInfo formatted while download data to P.C. so user can view vehicle activity in precise details. Additionally, GT-800BT can be used as a receiver for navigation while user connected the unit to PDA /PC or Notebook.

Features

- Easy installation & operation
- Support USB plug and play to download the track data
(USB Flash Drive like)
- User Friendly software with mouse click only
- Photographic function: photos increasable on the logged-track points to be diary to share with friends
- ublox-Atmel Chipset 16 Channels all in view tracking
- High Sensitivity -158dBm
- Support Standard NMEA-0183 V2.3 protocol
- Auto Adjustment Baud Rate 4800-115200 bps
- DGPS : WAAS/EGNOS/MSAS
- Bundled with "Photologr "software support multi- language
- Triple purpose for data logging , navigation and photo
- Large capacity for continuous records for 120,000 positions,If the device runs for 12 hrs per-day then the memory will be full within
40 days
- Lithium-ion rechargeable battery lasts for more than 15 hours of use
- Support Windows Me/2000/XP/Vista OS

Applications

- Land/Marine Navigation
- Asset Tracking
- Trip Recording

Specification

Features	Description
General	L1 1575.42MHz, C/A code, 16-channel, Carrier-Aided with HWTrack©
Sensitivity	-158 dBm minimum
Update Rate	1Hz
Accuracy	Position: 2m CEP without S/A Velocity: 0.1 m/sec without S/A Time: ± 100ns synchronized to UTC time
Acquisition	Cold start: 34sec (average) Warm start: 33sec (average) Hot start: 3.5sec (average)
Reacquisition	0.1 sec
Dynamics	Altitude: -1000m to 18000m Velocity: 500 m/sec Acceleration: ±4g
Protocol	NMEA-0183 V2.30 , 8-None-1 Baud rate: Auto Adjustment 4800 -115200 bps
Datum	219 standard datum, default WGS-84
DGPS	WAAS/EGNOS/MSAS
Antenna	Built-in Patch Antenna
NMEA Message	GGA, GLL, GSA, GSV, RMC, VTG
Dimension ; Weight	73*45* 20mm / 60g

Power Specifications

Features	Description
Battery	Lithium-Ion Rechargeable Battery 3.7V/1100mAh
Charger Power	5V ±0.5Vp-p ripple (USB Connector)
Current Consumption	70 mA
Operation Time	Up to 15 Hours after full charge

Interface Specification

Features	Description
Interface	1 :Wireless For Navigation only 2: USB V1.1 For Download Track file

Environmental Specification

Features	Description
Operation Temperature	-20°C to +70°C
Storage Temperature	-40°C to +90°C
Operating Humidity	5% to 95%

* Preliminary Specification, Subject To Change Without Notice