





The DL-200BT is a unique with Wireless interface for vehicle tracking device in use friendly. DL-200BT 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.

Features

- Support Wireless interface to PC/Notebook
- Built-in patch antenna
- Receiver, Twelve parallel tracking channels
- Fast TTFF and low power consumption
- On-board rechargeable battery sustained real-time clock and memory for fast satellite acquisition during power-up
- Automatic cold start with no user initialization required
- Large capacity for continuous records for 25,000 positions
- Lithium-ion rechargeable battery lasts for more than 6 hours of use

Applications

- Land/Marine Navigation
- Telematics
- Fleet Management
- Asset Tracking
- Timing Reference

Specification

Features	Description
General	L1 1575.42MHz, C/A code, 12-channel, Carrier-Aided with HWTrack©
Sensitivity	-143 dBm minimum
Update Rate	1Hz
Accuracy	Position: 15m CEP without S/A Velocity: 0.1 m/sec without S/A Time: $\pm 1\mu\text{s}$
WAAS Accuracy	Position: 5m CEP Velocity: 0.05m/sec
Acquisition	Cold start: 60sec averagr Warm start: 45sec average Hot start: 15sec average
Reacquisition	<100msec
Dynamics	Altitude: -1000m to 18000m Velocity: 500 m/sec Acceleration: $\pm 4\text{g}$
Protocol	EverMore Private @ 4800/9600 baud, 8-None-1 NMEA-0183 v2.20 @ 4800/9600 baud, 8-None-1
Datum	219 standard datum, default WGS-84
Antenna	Built-in Patch Antenna / Option active antenna, MMCX jack
NMEA Message	GGA, GLL, GSA, GSV, RMC, and VTG
Dimension ; Weight	93*84* 31mm / 94.8g

Power Specifications

Features	Description
Battery	Lithium-Ion Rechargeable Battery 3.7V/1100mAH
Charger Power	5V $\pm 0.5\text{V}$ p-p ripple (DC-Jack)
Current Consumption	150 mA
Operation Time	Up to 6 Hours after full charge

Interface Specification

Features	Description
Interface	Wireless Interface

LED Indicators

Symbols	LED Color	Light indication
Low Battery	Red	ON: Battery Low
Charger	Green	ON: Charging OFF: Full charge

Switch Specification

Features	Description
Power Switch	System power switch except charge unit

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**