

Global Tracking Communications, Inc.

Locator 6000 - GPS Vehicle Tracking

Employ the power of the Locator 6000 GPS Vehicle Tracking system for the efficient operation of your fleet. The feature-rich, web-based tracking and historical reporting software integrated with Microsoft's MapPoint digital mapping engine offers you the most powerful and reliable real-time GPS vehicle tracking system on the market. With the Locator 6000, GPS vehicle tracking is only the beginning...

Unit Costs

- Call for quote 866-320-5810

GPS Vehicle Tracking & Communication Platform

The L6000 is the locator unit that is the heart of GTC's most popular vehicle tracking system.

This Locator 6000 has more functionality than any competitor on the market.

- Vehicle Tracking
- Communications (messaging & voice)
- Telemetry monitoring
- **Uses Microsoft MapPoint digital mapping system**

Wireless Coverage

Locator 6000 unit comes with free roaming on AT&T, T-Mobile and Cingular GSM/GPRS digital wireless networks.

The 6000 utilizes today's high-speed GPRS wireless digital networks by AT&T, Cingular and T-Mobile

The Locator 6000 automatically updates location every 5 minutes - 24/7. Furthermore, it can be easily hidden for your "covert" tracking needs.

Coverage Maps



[Cingular/AT&T Coverage Map](#)



[T-Mobile Coverage Map](#)



Features

Location Services

- GPS Tracking
- Geofencing
- Mapping
- Reporting

Communication Services

- Two-Way Messaging
- Digital Forms
- Voice

Telemetry Services

- Door Lock / Unlock
- Engine Immobilization
- J1708 Monitoring
- Temperature Monitoring

New & Enhanced Fleet Services

- Store and forward capability / store up to 1000 records
- Improved GPS-based location accuracy
- Real-time vehicle tracking and status monitoring

Multiple geofences on specific landmarks / locations

- More than one geofences can be set for each vehicle
- Receive alerts when vehicle enters or exits specifically-defined geofences

Over-the-air configuration & upgrades

- Modify your locator functionality quickly and easily
- Reduce the cost to upgrade your locator with remote support capability

Internet access over GSM / GPRS

- Supports end-to-end Internet-based applications on laptops or PDAs
- Provides an 'always-on' high-speed GPRS connection

New Optional Features - Additionally, the Locator 6000 supports the following options:

Telemetry Port	Vehicle monitoring & control capabilities (temperature sensing, door lock/unlock, engine immobilization, panic buttons)
Internal Battery	Supports asset and trailer tracking applications capability. Auto-recharging capability
J1708 Capability	Integrate vehicle data into enterprise systems for maintenance & logistics planning
Navigation	Gain access to voice directions and in-vehicle mapping with PocketPC PDA or Laptops
Voice	Reduce extensive cell phone bills with hands-free voice kit

Locator 6000 - Specifications

Certification

- FCC
- Motorola Magnet Certification
- UL / CSA / CE / E Mark

Networks Supported

- GSM / SMS / GPRS
- GSM 900 / 1800 / 1900 MHZ

Physical Specifications

- Dimensions - 105 x 95 x 42 mm (4.3" x 3.75" x 1.63")
- Weight - 0.36 kg (0.79 lbs)

Power Specifications

- Power - Input Voltage - 9 - 36 VDC
- Current (at 12 VDC) - Transit 1000 mA (maximum bursts)
 - Standby (receive) - 150 mA
 - Sleep (ignition off) - 15 mA

Environmental

- Operating Temperature: -30°C to +60°C
- Storage Temperature: -40°C to +80°C
- Humidity: 95% max (non-condensing)

Connectors

- RS-232 - DCE - DB-9 connector
- Power - 3 wire (ignition, battery, ground)
- RF - SMA (female)
- GPS - MCX (female)

Interoperable Devices

- PDAs - HP Jornada, Compaq iPAQ, Palm
- Palm OS / Windows CE
- Laptop Computers
- WebTech Messaging Terminal

Antennae

- GPS active antenna
- Standard RF antenna 1/4 wave stubby

Protocols

- PPP on serial port, to 57.6k baud

Included

- GSM antenna
- GPS antenna
- Installation Manual

Hardware Options

- Telemetry port & cable
- Voice port
- Internal lithium polymer battery (2800mA hour)
- J1708 interface
- Interface to satellite modem

Optional Accessories

- Panic button (in-vehicle / remote)
- Hands free kit (voice)
- External roof mount RF & GPS antennae
- Temperature sensor

Telemetry Option

- DB-15 connector (7 digital outputs, 6 digital inputs)
- 15 A Relay with blade connectors
- Analog to digital converter 8 bit resolution

