

G7070**Mobile Tracker:
GPS Receiver/GPRS**

The OrbitGPS Mobile Tracker is a wireless tracking/monitoring device for lone worker or vehicle applications using GPS and GSM technology. The Mobile Tracker features a durable water resistant case, flexible programming options and superior battery life when used without in-vehicle power. Other features include "SOS" button for emergency notification, over-the-air programming and on-board geofencing. The unit can be used on the vehicle dashboard without an external antenna, or can be mounted elsewhere in the vehicle with an external GPS antenna.

Features

- > High sensitivity MTK 32 channel GPS chipset.
- > Sends GPS tracking data over GSM/GPRS wireless network
- > Durable and water resistant GPS housing.
- > Easy to install or carry.
- > Optional external antenna
- > Rechargeable 2100mA high capacity Li-ion battery
- > External DC power supply
- > Configuration can be done via SMS commands or by application software via USB interface.
- > SOS (emergency) button.
- > Voice monitor function to monitor the sound/conversation live.
- > Geofence function for area-based alerts.
- > Built-in Motion sensor for auto-standby mode.

Technical Specifications

- > GSM module: Siemens Tri-Band
- > GPS Chipset: MTK High sensitivity GPS chipset
- > Frequency: L1, 1575.42 MHz
- > C/A code: 1.023 MHz chip rate
- > Channels: 32 channel all-in-view tracking
- > Velocity Accuracy: 0.1 m/s
- > Default datum: WGS-84

For more information on the **G7070 Mobile Tracker: GPS Receiver/GPRS**, contact **OrbitGPS** at sales@OrbitGPS.com or +1.203.654.7771



- > Hot start: 1 sec., average
- > Warm start: 38 sec., average
- > Cold start: 42 sec., average
- > Altitude Limit: 18,000 meters (60,000 feet) max.
- > Velocity Limit: 515 meters/second (1000 knots) max.
- > Acceleration Limit: Less than 4g
- > Jerk Limit: 20 m/sec³
- > Operating temperature: -20° to 55° C
- > Antenna Type: GPS patch antenna
- > Dimension: 86.7*48.9*32.5 mm
- > Battery : 2100mA rechargeable Li-ion battery
- > LED indicator: For Charging, GPS, GSM and Status.
- > Physical interface: Mini USB port for connecting to PC
- > Casing: Water resistant (IPX4)
- > GPS external antenna port: MMCX port (for GPS only)
- > User Environment

> Accuracy

OrbitGPS receivers offer typical accuracies of 3-5 meters uncorrected, and 3 meters or better with correction.*

> Operating Systems Supported

Windows Mobile5.0; Windows Mobile /PPC 2003, Windows XP, Windows Vista

> Part Number: G7070**> Accessories**

G7071: External GPS Antenna

* Accuracy subject to degradation based on environmental and positional conditions. Rated accuracy provides 95% Circle Error Probability (CEP) position accuracies of <5 meters with WAAS correction

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