

commercial vehicle productivity and security

The 6100 is a cost-effective, entry level GPS tracking beacon designed for fleet management needs in local delivery and service fleets, mass transportation, utility vans and construction vehicles.

The 6100 has a robust set of features including real time and scheduled tracking, plus zone and speed monitoring. Combined with our commercial mobile monitoring portal, subscribers can manage and view the location of any or all vehicles in a fleet, run a variety of valuable reports, and even manage vehicle maintenance alerts.

Security features include vehicle theft detection and tracking.



features and benefits

features	benefits
Single point locate	• Low cost usage as needed
Continuous tracking	• Provides real-time location to assist in vehicle tracking and recovery
Route logs	• Archive records of vehicle movements
Zone notifications	• Receive notifications upon entering or exiting zones defined via the web interface – up to 5 zones monitored simultaneously
Speed notifications	• Receive notifications upon crossing above speed thresholds
Communications via GPRS packet switched wireless data networks	• Provides nationwide coverage on digital wireless networks providing high-speed, high-volume, cost-effective tracking
LED status indicators	• Assists with installation and troubleshooting

specifications

Location Technology

- **Connector:** SMA female
- **Antenna:** 3.3V active
- **GPS Protocols:** NMEA, TAIP, Binary

Wireless

- **Network:** GSM/GPRS
- **Frequencies:** 850/900/1800/1900 MHz

Antennas

- **Combined GPS/GSM:** External

Power source:

- **Voltage range:** 9 to 32 VDC
- **Primary source:** Vehicle battery

Current draw:

- **Maximum surge:** 2.1 A
- **Transmit:** 230 mA
- **Stand-by:** 45 mA

Mechanical/Environmental

- **Temperature range:** -22 to +160°F (-30 to +70°C)
- **Spec. Compliant:** -4 to +140°F (-20 to +60°C)
- **Storage:** -40 to +185°F (-40 to +85°C)
- **Humidity:** up to 95% non-condensing
- **Vibration:** Compliant with SAE J1211
- **Size:** 4.0 x 5.0 x 1.6 inches (108.0 x 76.2 x 31.8 mm)
- **Housing:** One piece, seamless Aluminum Extrusion

applications of mobile monitoring

- improve productivity of mobile staff
- improve customer service
- prevent misuse of company resources during and after work hours
- recover stolen or misplaced vehicles
- provide monitored security for drivers

who is using mobile monitoring

- delivery/courier fleets
- contractors/installers
- utility companies
- emergency response organizations
- government
- outside sales personnel
- leased/rental vehicle companies