

## commercial vehicle productivity and security

The 6100 is a cost-effective 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 notification   | • Receive notifications upon crossing above speed threshold   |
| Arm where parked   | • Automatically establish a secure perimeter around vehicle wherever it is parked   |
| 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   |
| 2 Auxiliary system monitoring inputs                           | • Remotely monitor any system that can indicate its status via a voltage change   |
| 1 Output – configure as toggle or pulse                        | • Remotely control vehicle functions such as door unlock, ignition disable, etc.  |
| Panic button / alarm system input (optional)                   | • Alerts appropriate personnel that immediate assistance is required  |

## 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 30 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:** 4.25 x 3 x 1.25 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