



Commercial Vehicle Productivity and Security

The 6150 and 6151* are cost-effective GPS tracking beacons designed for fleet management needs in local delivery and service fleets, mass transportation, utility vans and construction vehicles.

These beacons have a robust set of features including real time and scheduled tracking, plus zone and speed monitoring, a back-up battery and power-cut notification. 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. Optional support for the Garmin™ Fleet Management protocol allows you to communicate with a driver using an in-vehicle personal navigation device.

Security features include vehicle theft detection and tracking.

Features and Benefits

Feature	Benefit
Single point locate	Low cost usage as needed
Continuous tracking	Provides real-time moving location to assist in vehicle 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 speed thresholds – 2 speed thresholds can be set
Power cut notification	Receive notifications when the primary power source is removed
Arm where parked	Automatically establish a secure perimeter around vehicle wherever it is parked
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
Backup Battery	Provides 1-2 hours of additional service in the event of a primary power cut
Optional: Dispatch and Navigation	Send jobs and messages to drivers via personal navigation device (not included) and view responses in real-time.

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

Mobile Monitoring for:

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



Specifications

Location Technology

- › Connector: FAKRA
- › 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
- › Secondary source: Backup battery

Current draw:

- › Maximum surge: 2.1 A
- › Transmit: 250 mA
- › Stand-by: 45 mA

Mechanical/Environmental

- › Operating temperature range: -22 to +185°F (-30 to +85°C)
- › Storage: -40 to +185°F (-40 to +85°C)
- › Humidity: up to 95% non-condensing
- › Vibration: Compliant with SAE J1211
- › Size: 3.4 x 2.4 x 1 inches (86.4 x 61 x 25.6 mm)
- › Housing: Rugged plastic enclosure

*The EBR 6151 superseded the 6150 in late summer 2011.