EBR Consulting
Track. Monitor. Save!

Vehicle Tracking - 6550

Commercial Vehicle Productivity and Security

The EBR 6550 is a high-performance beacon designed for commercial productivity and security. It is ideally suited to installations in delivery and service fleets as well as public safety, mass transportation, utility, off-road or construction vehicles.

The EBR 6550 uses the latest HSPA (high speed packet access) network technology for fast and error-free data communication, and supports 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.

Security features include unauthorized vehicle movement and relocation alerts.

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
Ignition on/off	Know when vehicle engine is on or off for maintenance and productivity reports
Start and stop movement	Determine when actual arrival and departure times are
Zone notifications	Receive notifications upon entering or exiting zones defined via the web interface – up to 5 polygon zones and 5 circular 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.
Backup Battery	Provides 2-3 hours of additional service in the event of a primary power cut

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

- Receiver: 50 Channel L1 C/A Code, WAAS/SBAS
- GPS Protocol: NMEA

Wireless

- Network: HSPA
- Frequencies: UMTS/HSDPA/HSUPA 850/1900 MHz

Antennas

- Combined GPS/HSPA: External
- Connector: FAKRA

Power source:

- Voltage range: 8 to 30 VDC
- Primary source: Vehicle battery
- Secondary source: Backup battery

Current draw:

- Operating: 100 mA
- Ignition off: 70 mA

Mechanical/Environmental

- Operating temperature range: -4 to +149°F (-20 to +65°C)
- Storage: -40 to +185°F (-40 to +85°C)
- Humidity: 5 to 95% non-condensing
- Shock and Vibration: Compliant with SAE J1455
- Size: 4.1 x 3.7 x 1.1 inches (104 x 93 x 26 mm)
- Housing: Rugged plastic enclosure