

### Commercial Vehicle Productivity and Security

The 7400 is a high-performance beacon ideally suited to installations in restoration, delivery and service fleets as well as public safety, mass transportation, utility, off-road and construction vehicles.

The 7400 supports ECM data when connected to an OBDII or J1939\* diagnostics port in the cab and is also suitable for hardwired installation (model 7400H).



### Real-time Alerting and Reporting

Single Point Locate	Pinpoint current location
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 actual arrival and departure times
Zone Notifications	Receive notifications upon entering or exiting zones
Power Cut Notifications	Receive notifications when the primary power source is removed
Power Savings	Various sleep configurations are available to preserve battery power
Tow Detection	Detect and send notifications when the vehicle has been towed
Speed Notifications	Receive notifications upon crossing speed thresholds
Backup Battery	Provides 2-3 hours of additional service in the event of a primary power cut

### Driver Behavior

Harsh Acceleration, Braking and Cornering	Generate events when the vehicle operates beyond user-defined thresholds
Crash Detection	Receive notifications when the beacon detects a possible accident
Posted Speeds	Receive notifications when the vehicle exceeds the posted speed limit at its current location
Driver ID*	Identify the current vehicle operator using an electronic token

### Optional Add-ons

4 Auxiliary System Monitoring Inputs	Remotely monitor any system that can indicate its status via a voltage change
2 Digital Outputs	Remotely control vehicle functions such as door unlock, ignition disable, etc
Temperature Sensor*	Connect an external sensor to monitor and report cargo temperatures

### Specifications

#### Location Technology

- GPS & GLONASS
- Receiver channels: 33 tracking 99 acquisition
- Sensitivity: -167 dBm
- Accuracy: 2.5m CEP 50%
- SBAS support: WAAS, EGNOS, GAGAN, MSAS

#### Network Functionality

- 4G LTE (Cat 4)
- Frequency Bands (MHz):  
LTE FDD B2/B3/B4/B5/B7/B8/B12/B13/B28
- 21,000 buffered messages

#### Power Requirement

- 12/24 VDC Vehicle Systems
- Operating: 45-180mA @ 12V
- Backup Battery 3.7V 920mAH

#### Antennas

- Integrated GPS and Cellular
- Optional External GPS

#### Mechanical / Environmental

- Rugged plastic enclosure
- Dimensions  
5.98" x 3.86" x 1.18" (152 x 98 x 30mm)
- Weight  
0.50 lb (229 grams)
- Operating Temperature  
-4 to +140°F (-20 to +60°C)
- Humidity  
95%RH @ 50°C non-condensing
- Vibration/Shock  
MIK-STD-810G

\*Future Update