

# MOSS-GPS-6581

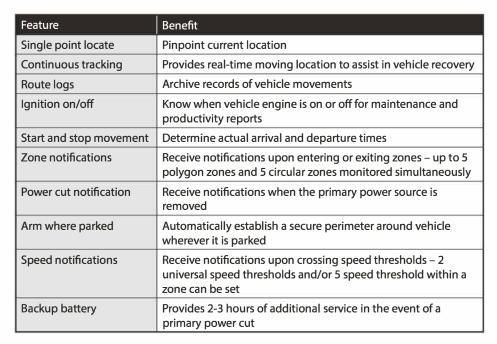
### VEHICLE TRACKING BEACON

### Commercial Vehicle Productivity and Security

The MOSS-GPS-6581 is a high-performance beacon designed for commercial productivity and security. It is ideally suited for installations in delivery and service fleets as well as public safety, mass transportation, utility, off-road or construction vehicles.

The 6581 is designed for hardwired installation.

## Real-time Alerting and Reporting



### Driver Behavior

Feature	Benefit
Harsh acceleration, braking and cornering	Generate events when the vehicle operates beyond user- defined thresholds
Potential accidents	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 (Optional).
Driver ID (Optional)	Identify the current vehicle operator using an electronic token

## Optional Add-ons

Feature	Benefit
Temperature sensor	Connect an external sensor to monitor and report cargo temperatures
4 Auxiliary system monitoring inputs	Remotely monitor any system that can indicate its status via a voltage change
1 Output configured as toggle or pulse	Remotely control vehicle functions such as door unlock, ignition disable, etc.
Dispatch & Navigation	Send jobs and messages to drivers via personal navigation device and view responses in real-time



# **Specifications**

#### **Location Technology**

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

#### Wireless

- LTE (4G) Network
- Freq: B2(1900), B4(AWS), B5(850), B17(700)

#### **Antennas**

Combined GPS/Cell Network

#### **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