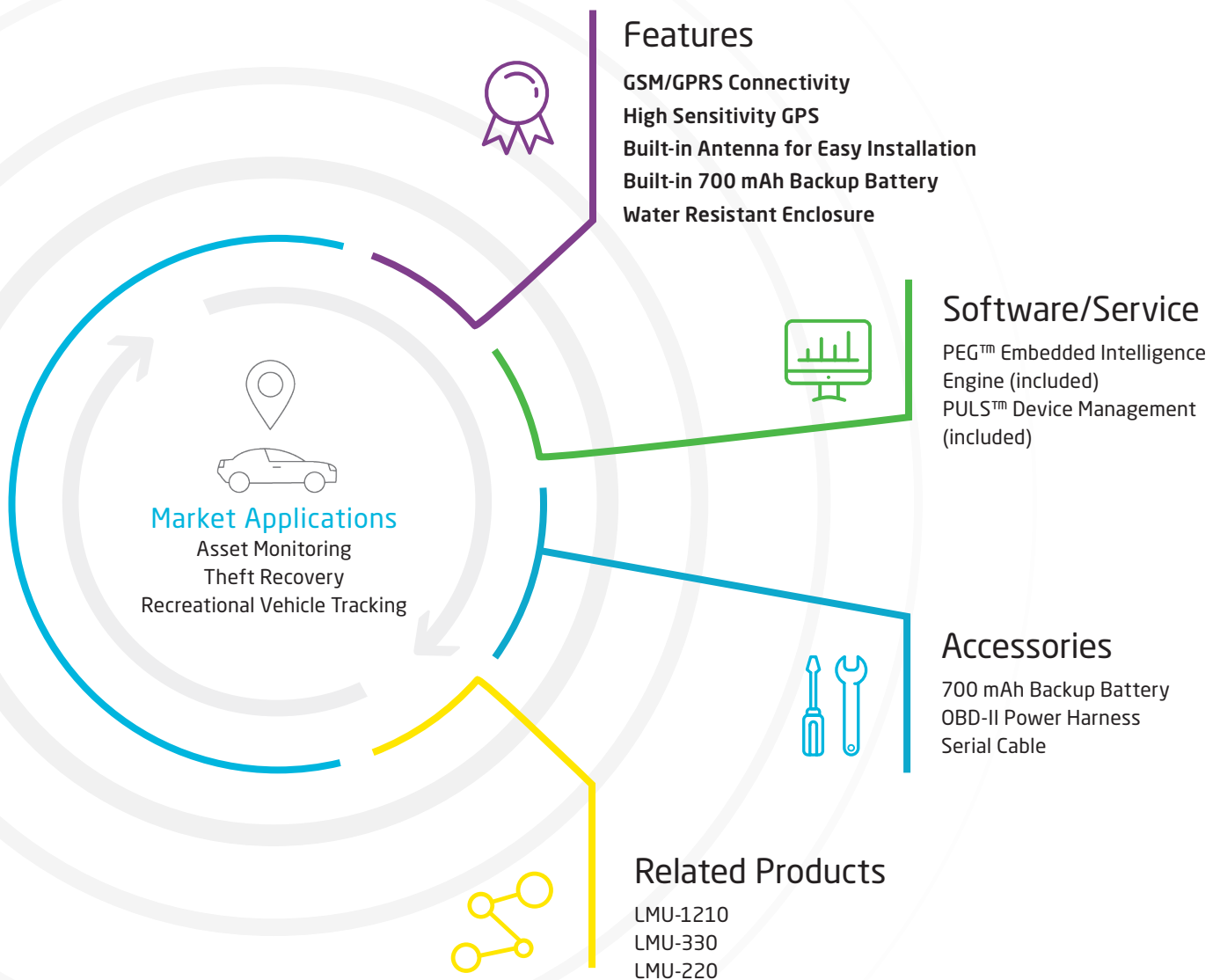


LMU-1175™



Economical Vehicle Tracker Designed for Recreational Vehicles Exposed to Outdoor Elements

The LMU-1175™ is a fully-sealed vehicle tracking device designed for easy and reliable installation in recreational vehicles and assets with outdoor exposure. It is an ideal solution for asset monitoring and theft recovery for motorcycles, snowmobiles and other outdoor recreational vehicles.



LMU-1175™ Technical Specifications

Cellular/Network

| | |
|--------------------------|--|
| Global Variant I | |
| HSPA/UMTS | 800 (VI)/850 (V)/900 (VIII)/1700 (IV)/1900 (II)/2100 (I) MHz |
| GSM/GPRS | 850/900/1800/1900 MHz |
| Global Variant II | |
| GSM/GPRS | 850/900/1800/1900 MHz |

Data Support

SMS, UDP Packet Data

Satellite Location (GNSS)

| | |
|--------------------------------|---|
| Constellation Support | Hybrid GPS, SBAS Engine (WAAS) |
| Channels | 50 Channel |
| Tracking Sensitivity | -160 dBm |
| Acquisition Sensitivity | -148 dBm |
| Location Accuracy | ~2.0m CEP Open Sky (GPS SBAS 24 hours static) |
| Location Update Rate | Up to 4 Hz |

Comprehensive I/O

| | |
|--------------------------|--|
| Digital Inputs | 2 external and 4 internal |
| Digital Outputs | 1 relay driver (150mA) |
| Accelerometer | Built-in, triple-axis (motion sensing, tilt detection) |
| 1-Wire® Interface | 1 (temperature sensors) |
| Status LEDs | 2 (GPS, cellular) |

Certifications

Industry Certifications FCC, CE, IC, PTCRB, RoHS

Device Management

PULS™ Monitor, manage, upgrade firmware, configure and troubleshoot devices remotely

Embedded Intelligence Engine

PEG™ Behavioral scripting (8-bit support)

Electrical

| | |
|--------------------------|---|
| Operating Voltage | 12/24 VDC Vehicle Systems 9-30 VDC (startup, operating) 7-32 VDC (momentary) |
| Power Consumption | Typical 1.1mA @ 12 VDC (deep sleep) Typical 13mA @ 12 VDC (radio-active sleep) Typical 18mA @ 12 VDC (SMS, UDP connection, GPS off) Typical 190mA @ 12 VDC (continuous transmit) |

Battery Pack

| | |
|---------------------------|---------------|
| Battery Capacity | Up to 700 mAh |
| Battery Technology | Lithium-Ion |

Environmental

| | |
|----------------------------------|---|
| Temperature | -30° to +75° C (connected to primary power) -40° to +85° C (storage) |
| Humidity | 95% RH @ 50° C non-condensing |
| Shock and Vibration | U.S. Military Standard 202G and 801G, SAE J1455 |
| ESD | SAE J1113, FCC-Part 15B |
| Water resistant enclosure | |

Physical/Design

| | |
|-------------------|------------------------------------|
| Dimensions | 2.9 x 2.8 x 0.78" (75x 71 x 20 mm) |
| Weight | 4.8 oz. (136 g) |

Connectors/SIM Access

| | |
|------------------------|------------------------------|
| Connection Type | Molded power and I/O harness |
| GPS Antenna | Internal |
| SIM Access | Internal (2FF SIM) |

Product Options

| |
|---|
| Temperature sensing with 1-Wire® protocol |
| Serial cable |
| CalAmp Telematics Cloud API |

CALIFORNIA PROPOSITION 65



WARNING:

This product can expose you to chemicals including Carbon black and Nickel, which are known to the State of California to cause cancer, and including Bisphenol A and 1,3-Butadiene, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov