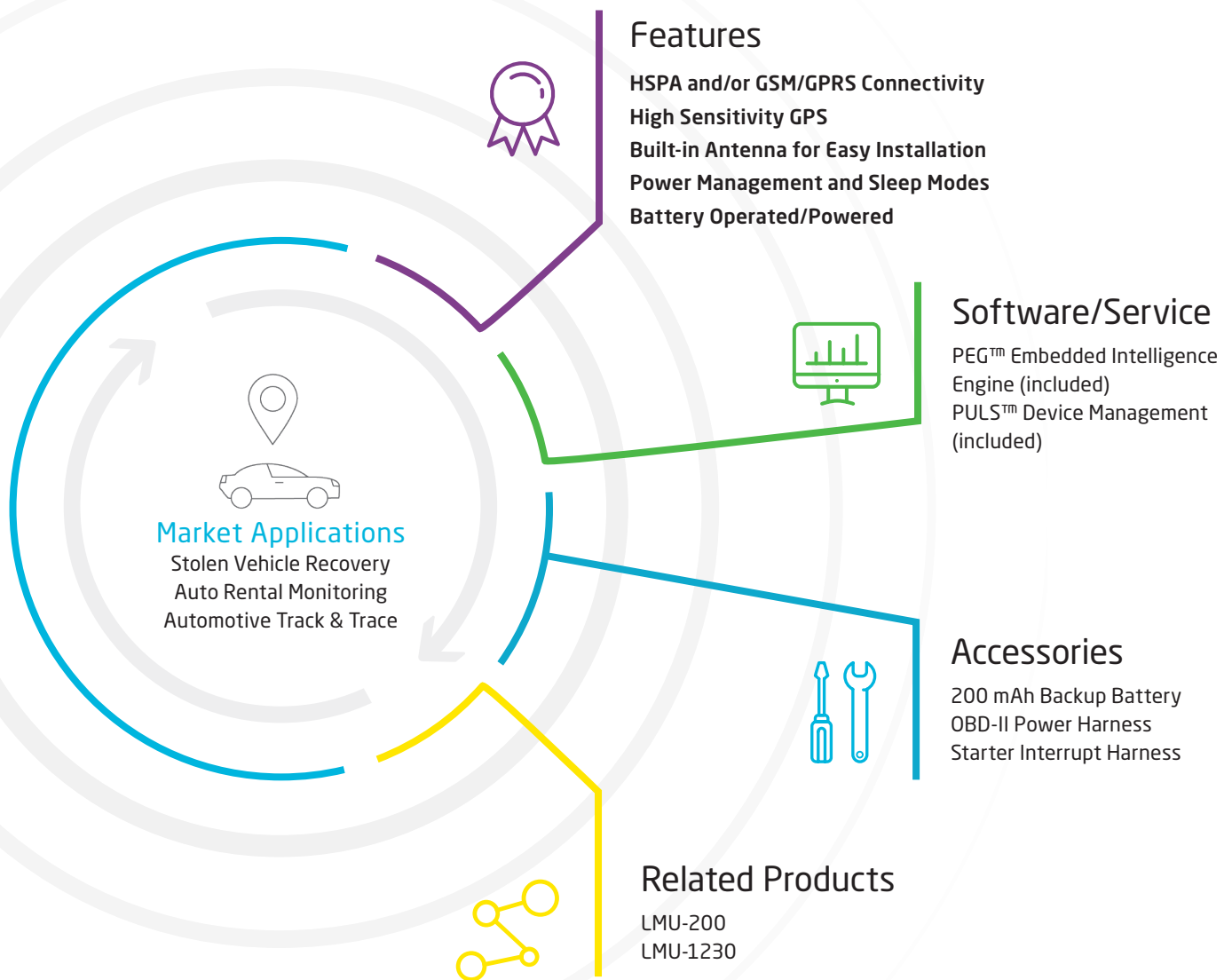


LMU-330™



A Robust Vehicle Tracker with A Compact Size, Essential I/O Capability, Built for Simple and Discrete Installation

The LMU-330™ is an economical, low powered vehicle tracking device designed for inexpensive and hidden installation. An ideal solution for stolen vehicle recovery, auto rental and other automotive track and trace applications, the LMU-330 utilizes CalAmp's PEG™ engine coupled with essential I/O capability to deliver accurate data about vehicle location and status.



LMU-330™ Technical Specifications

Cellular/Network

Americas Variant

HSPA/UMTS	850 (V)/1900 (II) MHz
GSM/GPRS	850/1900MHz

Global Variant

GSM/GPRS	850/900/1800/1900 MHz
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Data Support

SMS, GPRS, UDP Packet Data

Satellite Location (GNSS)

Constellation Support Hybrid GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS)

Channels 56 Channel

Tracking Sensitivity -162 dBm

Acquisition Sensitivity -148 dBm

Location Accuracy ~2.0m CEP Open Sky (SBAS 24 hours static)

Location Update Rate Up to 4 Hz

Comprehensive I/O

Digital Inputs Up to 2 fixed bias

Digital Outputs Up to 2 optional open collector (150 mA)

Accelerometer Built-in, triple-axis (motion sensing, tilt detection)

Analog Inputs 1 internal VCC monitor

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
9-32 VDC (start-up, operating)
7-32 VDC (momentary)

Power Consumption Typical <2mA @ 12V (deep sleep)
Typical <10mA @ 12/24V (radio-active sleep)
Typical <20mA @ 12V (radio-active)
Typical <60mA @ 12V (continuous transmit)

Environmental

Temperature -30° to +70° C (connected to primary power)
-40° to +80° C (storage)

Humidity 95% RH @ 50° C non-condensing

Shock and Vibration U.S. Military Standards 202G, 801G, SAEJ1455

ESD SAE J1113, FCC-Part 15B

Physical/Design

Dimensions 1.84 x 3.3 x 0.78" (46.5 x 83.6 x 19.4 mm) (without harness)

Weight 3.1 oz. (87 g) (with harness)

Connectors/SIM Access

Connection Type Captive wire harness in 2 wire, 4 wire, 6 wire configurations

GPS Antenna Internal

Cellular Antenna Internal

SIM Access Internal (2FF SIM)

Product Options

200 mAh or 1000 mAh backup battery

Starter interrupt harness

ODB-II harness

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