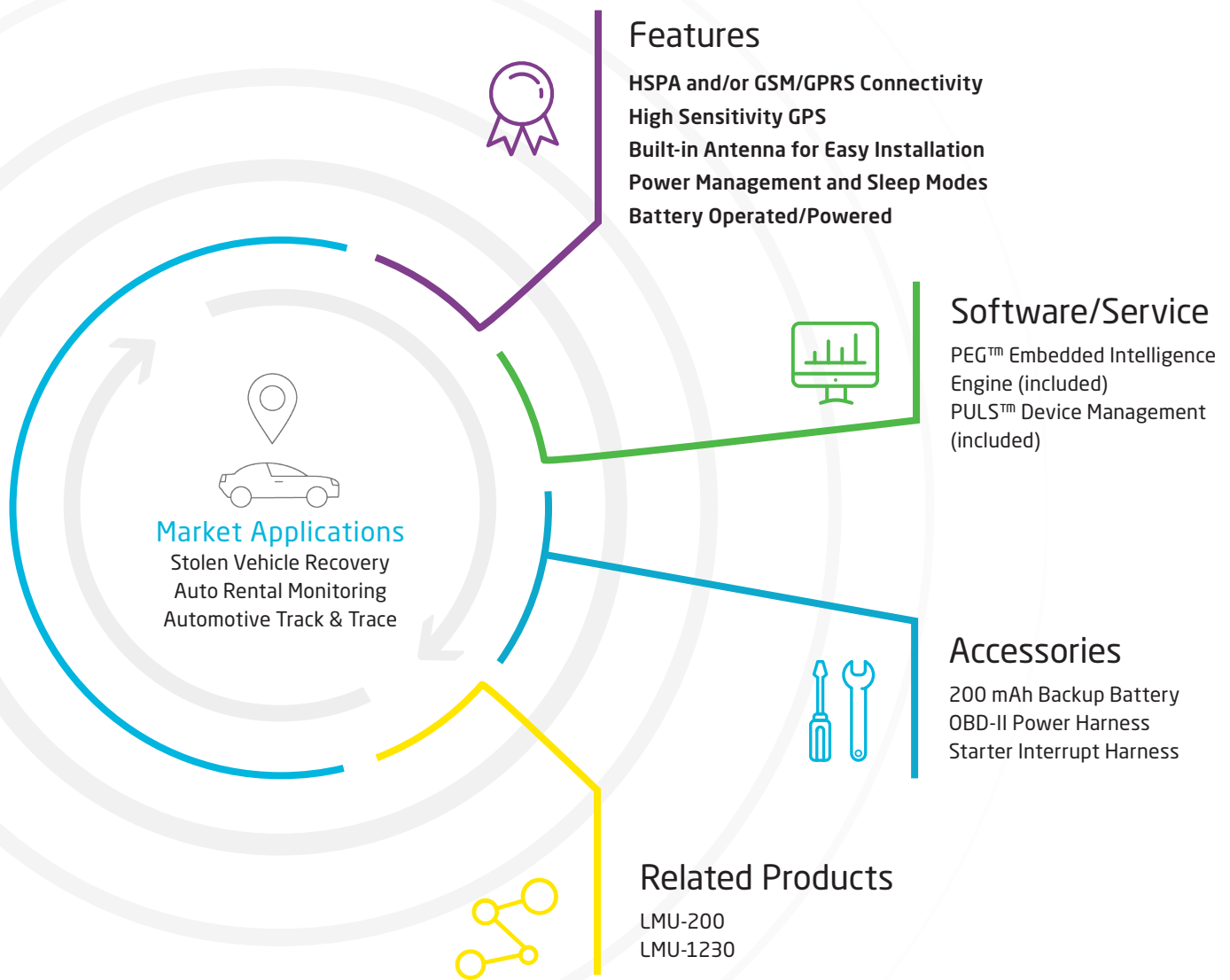


# LMU-330™



## 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.



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L330Q319DS V2

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# 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](http://www.P65Warnings.ca.gov)