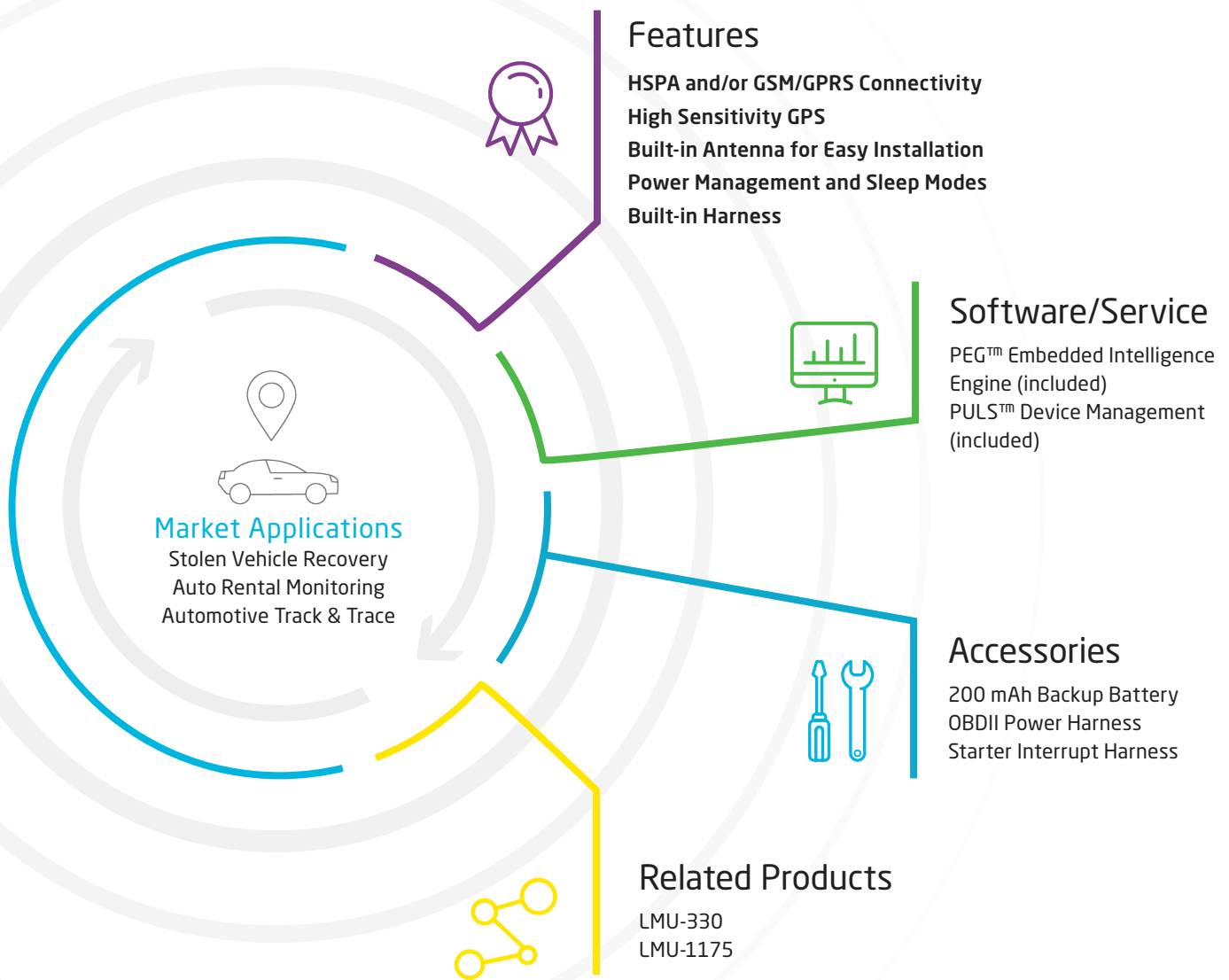


# LMU-720™



## A Value Driven, Compact Vehicle Tracker Built for Concealed Installation with Essential I/O Capability

The LMU-720™ is a value-based vehicle tracking device designed for easy installation and is an ideal solution for commercial and automotive monitor, track and trace applications. The LMU-720™ utilizes CalAmp's PEG™ intelligence engine coupled with essential I/O capability to deliver accurate insight to vehicle location and status.



# LMU-720™ Technical Specifications

## Cellular/Network

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

<b>Global Variant II</b>	
GSM/GPRS	850/900/1800/1900 MHz

## Data Support

SMS, UDP Packet Data

## Satellite Location (GNSS)

<b>Constellation Support</b>	Hybrid GPS, SBAS Engine (WAAS, EGNOS, MSAS, GAGAN)
<b>Channels</b>	50 Channel
<b>Tracking Sensitivity</b>	-162 dBm
<b>Acquisition Sensitivity</b>	-147 dBm
<b>Location Accuracy</b>	~2.0m CEP Open Sky (SBAS 24 hours static)
<b>Location Update Rate</b>	1 Hz

## Comprehensive I/O

<b>Digital Inputs</b>	3 fixed bias/programmable bias
<b>Digital Outputs</b>	3 open collector (150 mA)
<b>Accelerometer</b>	Built-in, triple-axis (motion sensing, tilt detection)
<b>Analog Inputs</b>	1 internal VCC monitor
<b>Status LEDs</b>	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

<b>Operating Voltage</b>	12/24 VDC Vehicle Systems 9-30 VDC (start-up, operating) 7-32 VDC (momentary)
<b>Power Consumption</b>	Typical <7.3mA @ 12V (deep sleep) Typical <22mA @ 12V (radio-active sleep) Typical <26mA @ 12V (SMS, UDP connection, GPS off) Typical <78mA @ 12V (continuous transmit)

## Environmental

<b>Temperature</b>	-30° to +75° C (connected to primary power) -40° to +85° C (storage)
<b>Humidity</b>	95% RH @ 50° C non-condensing
<b>Shock and Vibration</b>	U.S. Military Standards 202G, 801G, SAEJ1455
<b>ESD</b>	SAE J1113, FCC-Part 15B

## Physical/Design

<b>Dimensions</b>	9.90 x 2.35 x 2.45" (251 x 60 x 62 mm)
<b>Weight</b>	2.6 oz. (74 g)

## Connectors/SIM Access

<b>Connection Type</b>	Captive 8 wire harness
<b>GPS Antenna</b>	Internal/External options (w/ tamper monitoring on external, 3V)
<b>Cellular Antenna</b>	Internal/External options
<b>SIM Access</b>	Internal (2FF SIM)

## Product Options

200 mAh or 1000 mAh backup battery  
Starter interrupt harness  
ODB-II harness  
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](http://www.P65Warnings.ca.gov)