LMU-200™

A Cost Effective, Compact Vehicle Tracker with Essential I/O Capability and Ease of Installation

The LMU-200™ 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-200 utilizes CalAmp's PEG™ engine coupled with precise GPS technology to deliver data about vehicle location and status.

Features

GSM/GPRS Connectivity
High Sensitivity GPS
Built-in Antenna for Easy Installation
Power Management and Sleep Modes
Built-in Harness

Software/Service

PEG™ Embedded Intelligence Engine (included)
PULS™ Device Management (included)
Crashboxx™ (optional)

Accessories

200 mAh Backup Battery
OBDII Power Harness
Starter Interrupt Harness

Related Products

LMU-330
LMU-1230

Market Applications

Stolen Vehicle Recovery
Auto Rental Monitoring
Automotive Track & Trace

L200Q319DS V2

LMU-200™ Technical Specifications

Cellular/Network

Global Variant	
GSM/GPRS	850/900/1800/1900 MHz

Data Support

SMS, UDP Packet Data

Satellite Location (GNSS)

Constellation Support	Hybrid GPS
Channels	56 Channel
Tracking Sensitivity	-160 dBm
Acquisition Sensitivity	-156 dBm (hot start) -148 dBm (cold start)
Location Accuracy	~2.5m CEP Open Sky (SBAS 24 hours static)
Location Update Rate	1 Hz

Comprehensive I/O

Digital Inputs	Up to 2 fixed bias
Digital Outputs	Up to 2 optional open collector (150mA)
Analog Inputs	1 internal VCC monitor
Accelerometer	Built-in, triple-axis (motion sensing, tilt detection)
Status LEDs	2 (GPS, cellular)

Certifications

Industry Certifications	FCC, CE, IC, PTCRB, GCF, 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 20mA @ 12V (radio-active) Typical 60mA @ 12V (continuous transmit)

Environmental

Temperature	-20° to +60° C (connected to primary power) -40° to +85° C (storage)
Humidity	95% RH @ 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G, SAEJ1455
EMC/EMI	SAE J1113; FCC-Part 15B; FCC/CE

Physical/Design

Dimensions	1.8 x 3.3 x 0.8" (46.5 x 83.6 x 19.2 mm) (without standard harness)
Weight	3.9 oz. (110g) (w/ standard harness)

Connectors/SIM Access

Connection Type	Captive wire harness in 2 wire, 4 wire, 6 wire and 8 wire configurations

Product Options

Lithium-Ion 200mAh or 1000mAh

Optional 1-Wire® Interface

CalAmp Telematics Cloud API

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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