

LMU-2630LNB™

LTE CAT 1 bis smart tracker for commercial fleets and assets

The LMU-2630 series combines regional LTE CAT 1 bis connectivity, Bluetooth Low Energy 4.2, and capable I/O for commercial fleets and asset tracking. CalAmp PEG intelligent logic programming and wired and wireless sensor integration support real-time telematics, driver monitoring, and cargo visibility.

Cal/Amp®



DIMENSIONS



94 × 53 × 20 mm
(3.70 × 2.09 × 0.79 in)

WEIGHT



80 g
(2.8 oz)

Highlights



Regional LTE CAT 1 bis connectivity



Wired, OBDII, and cigarette-lighter power harness options



Driver-behavior and harsh-event monitoring



Bluetooth Low Energy 4.2 supports wireless peripherals



Gateway and tag integration supports cargo monitoring



CalAmp PEG logic enables intelligent edge processing

PHYSICAL DESIGN

Dimensions 94 × 53 × 20 mm
(3.70 × 2.09 × 0.79 in)

Weight 80 g (2.8 oz)

CELLULAR

LTE CAT 1bis Bands B2, B4, B5, B12*, B13, B14, B17, B25*, B66*

Data Support SMS, UDP Packet Data, TCP

GNSS

Constellation Support GPS, GLONASS, Galileo, BeiDou

Tracking Sensitivity -167 dBm

Acquisition Sensitivity -148 dBm (cold start)
-159 dBm (hot start)

Location Accuracy ~1.5m CEP Open Sky (SBAS 24 hours static)

Location Update Rate 4 Hz

WIRELESS INTERFACES

Bluetooth BLE 4.2

ANTENNAS & SIM

Cellular Antenna Internal

GPS Antenna Internal

SIM Access Internal (2FF SIM)

POWER

Operating Voltage 12/24 VDC Vehicle Systems
9-30 VDC (start-up, operating)
7-32 VDC (momentary)

Power Consumption Typical <400uA @ 12V (low power sleep)
Typical <4mA @ 12V (sleep)
Typical 25mA @ 12V (radio-active sleep)
Typical 50mA @ 12V (GPS tracking and cell idle)

Battery Capacity Up to 1000 mAh

Battery Technology Lithium-ion (Li-ion)

Charging Temperature 0° to +45° C

ENVIRONMENTAL

Temperature -30° to +60° C (connected to primary power)
-10° to +60° C (operating on internal battery)
-20° to +25° C ≤ 6 months (long term storage with battery)

Humidity 85% RH @ 50° C non-condensing

Shock & Vibration MIL-STD-202G, MIL-STD-810F, SAE J1455

ESD IEC 61000-4-2, 4 kV

Environmental Rating IP41 in-cab use

SENSORS

Motion Sensor 3-axis accelerometer

I/O

Power / I/O Connector 20-Pin 3mm Pitch

Ignition Inputs 1 fixed bias

Digital Inputs 4 (high/low bias selectable 0-32 VDC)

Digital Outputs 3 (open collector relay 150mA)

Analog Inputs 1 (external ADC input 0-32 VDC)

DC Power Outputs 1 (switched 3.3V)

1-Wire Interface 1 (driver ID/temperature sense)

Status LEDs 2 (GPS and Cellular)

EDGE INTELLIGENCE

Firmware 32-Bit

Edge Programming PEG

CLOUD / SOFTWARE SERVICES

Device Management Manage, configure, and deploy OTA software updates to connected assets at scale

CalAmp Telematics Cloud Stream telematics data into proprietary systems with flexible API integration

CalAmp App Fleet and asset management software for tracking, monitoring, and managing vehicles, equipment, drivers, assets, and cargo.

CERTIFICATIONS

Certifications FCC, CE, IC, PTCRB, RoHS

ACCESSORIES

Accessories [View accessories on CalAmp.com](https://calamp.com/accessories)