

LMU-2630MB[™] Sealed

Rugged sealed LTE CAT M1 fleet tracker with
12-wire harness

The LMU-2630MB Sealed is built for demanding fleet environments with LTE CAT M1 connectivity and an integrated 12-wire sealed harness. Comprehensive I/O, a backup battery, motion sensing, and CalAmp edge intelligence support reliable tracking, diagnostics, and asset control.

Cal/Amp[®]



DIMENSIONS

77.8 × 113 × 22 mm
(3.06 × 4.45 × 0.87 in)



WEIGHT

193 g
(6.8 oz)

Highlights



LTE CAT M1 connectivity for
fleet and asset visibility



Digital and analog I/O connect
sensors and controls



Triple-axis motion sensing
enables driver and impact
events



Sealed 12-wire harness
supports rugged
installations



Internal backup battery
supports power-loss
reporting



CalAmp edge intelligence
supports configurable device
behavior

PHYSICAL DESIGN

Dimensions 77.8 × 113 × 22 mm
(3.06 × 4.45 × 0.87 in)

Weight 193 g (6.8 oz)

CELLULAR

LTE CAT M1 Bands B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B28, B39

2G Bands B2, B3, B5, B8

Data Support SMS, UDP Packet Data, TCP

GNSS

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

GNSS Channels 55 Channel

Tracking Sensitivity -167 dBm

Acquisition Sensitivity -156 dBm (hot start)
-148 dBm (cold start)

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

Location Update Rate Up to 4 Hz

A-GPS Assistance Yes

WIRELESS INTERFACES

Bluetooth BLE 5.0

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 IP67

SENSORS

Motion Sensor 3-axis accelerometer

I/O

Power / I/O Connector 12 Wire Captive Harness

Ignition Inputs 1 fixed bias

Digital Inputs 2 (high/low bias selectable 0-32 VDC)

Digital Outputs 3 (open collector relay 150mA)

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

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, IC, CE, PTCRB, BT SIG, RoHS, ASEP, ANATEL, CITC, GITEKI, INDOTEL, NBTC, NTC, RCM, SASO, SIT, VNTA

Carrier Approvals AT&T, Sprint, Verizon

ACCESSORIES

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