

LMU-2630MB

LTE CAT-M1

Cal/Amp®

Leading Edge Fleet Tracker for Advanced Fleet Management with Extensive Capabilities



Dimensions

3.7" x 2.0" x 0.8"

94 mm x 53 mm x 20 mm

Weight

2.8 oz. (80 g) (w/ 1000 mAh Battery)

Cloud Native Platform

CalAmp Telematics Cloud allows you to connect remote assets to a diverse set of vertical applications and third-party services to scale your fleet and power data-driven operations.

Powerful Applications

CalAmp's enterprise-grade applications allow you to visualize the data you need and extract maximum value while minimizing your costs. Put intelligent analytics and custom reporting at your fingertips via a single-view, user-friendly interface.

Vehicle Tracking Technology

Flexible • Precise • Affordable



Flexible Installation

Wired, OBDII, and cigarette lighter power harness options for ready-to-use device setup



Gateway and Tag Ecosystem

Integrate with purpose-built tags and sensors for monitoring location of cargo in transit



Driver Monitoring

Run time and performance diagnostics including speeding, accident detection, extreme braking and cornering, etc.



Remote Safety Lockout

Easily disable vehicles or equipment, and remotely enable theft detection and stolen vehicle recovery



Battery Assurance

Mitigate interference or power loss with internal backup included battery



Comprehensive Inputs/Outputs

Digital and Analog I/O options, triple-axis accelerometer; vehicle diagnostics available via accessory

LMU-2630MB LTE CAT-M1 | Rugged. Precise. Affordable.

| Cellular/Network | |
|------------------|---|
| Global Variant | |
| LTE CAT-M1 | 2100 (B1)/1900 (B2)/1800 (B3)AWS 1700 (B4)/850 (B5/B26)/900 (B8)/700 (B12/B13/B28)/800 (B18/B19/B20)/1900 (B39/B25) MHz |
| GSM/GPRS | 850/900/1800/1900 MHz |

| Data Support |
|---------------------------|
| SMS, UDP Packet Data, TCP |

| Satellite Location (GNSS) | |
|----------------------------------|--|
| Constellation Support | Hybrid GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS) |
| Channels | 55 Channel |
| Tracking Sensitivity | -163 dBm |
| Acquisition Sensitivity | -155 dBm (hot start) -148 dBm (cold start) |
| Location Accuracy | ~2.0m CEP Open Sky (SBAS 24 hours static) |
| Location Update Rate | Up to 4 Hz |
| AGPS Location Assistance Capable | Yes |

| Comprehensive I/O | |
|-------------------|---|
| 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) |
| Accelerometer | Built in, triple-axis (driver behavior, impact detection, motion sensing, tilt detection) |
| Serial Interfacet | 2 TTL ports |
| DC Power Output | 1 (switched 3.3V) |
| 1-Wire® Interface | 1 (driver ID/temperature sense) |
| Status LEDs | 2 (GPS and Cellular) |

| Interface Standards | |
|---------------------|-----------------|
| Bluetooth | BLE 5.0 Capable |

| Wireless Interfaces | |
|---------------------|----------|
| BLE Antenna | Internal |
| Cellular Antenna | Internal |
| GPS Antenna | Internal |

For full tech specs visit calamp.com

¹ Subscription service required. Contact sales rep for additional details.



| Electrical | |
|--------------------|--|
| 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 Pack | |
|----------------------|---------------------------|
| Battery Capacity | Up to 1000 mAh (optional) |
| Battery Technology | Lithium-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 and Vibration | U.S. Military Standards 202G, 810F, SAE J1455 |
| ESD | IEC 61000-4-2 (4KV test) |

| Physical/Design | |
|---------------------------|---|
| Dimensions | 3.7" x 2.0" x 0.8" 94 mm x 53 mm x 20 mm |
| Weight | 2.8 oz. (80 g) (w/ 1000 mAh Battery) |
| Ingress Protection Rating | IP41 in-cab use |

| Connectors/SIM Access | |
|-----------------------|--------------------|
| Power, I/O | 20-Pin 3mm Pitch |
| SIM Access | Internal (2FF SIM) |

| Edge Intelligence ¹ | |
|--------------------------------|---|
| PEG™ | Update device functionality or develop new on the edge applications |

| Cloud/Software Services ¹ | |
|--------------------------------------|--|
| PULS™ | Monitor, manage, upgrade firmware, configure and troubleshoot devices remotely |
| CalAmp Telematics Cloud | Device data stream via RESTful APIs |

| Certifications | |
|-------------------------|--------------------------|
| Industry Certifications | FCC, CE, IC, PTCRB, RoHS |