

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		Electrical	
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	Operating Voltage	
GSM/GPRS	850/900/1800/1900 MHz	12/24 VDC Vehicle Systems 9-30 VDC (start-up, operating) 7-32 VDC (momentary)	
Data Support		Battery Pack	
SMS, UDP Packet Data, TCP		Battery Capacity	Up to 1000 mAh (optional)
Satellite Location (GNSS)		Battery Technology	Lithium-Ion
Constellation Support	Hybrid GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS)	Charging Temperature	0° to +45° C
Channels	55 Channel	Environmental	
Tracking Sensitivity	-163 dBm	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)
Acquisition Sensitivity	-155 dBm (hot start) -148 dBm (cold start)	Humidity	85% RH @ 50° C non-condensing
Location Accuracy	~2.0m CEP Open Sky (SBAS 24 hours static)	Shock and Vibration	U.S. Military Standards 202G, 810F, SAE J1455
Location Update Rate	Up to 4 Hz	ESD	IEC 61000-4-2 (4KV test)
AGPS Location Assistance Capable	Yes	Physical/Design	
Comprehensive I/O		Dimensions	3.7" x 2.0" x 0.8" 94 mm x 53 mm x 20 mm
Ignition Inputs	1 fixed bias	Weight	2.8 oz. (80 g) (w/ 1000 mAh Battery)
Digital Inputs	4 (high/low bias selectable 0-32 VDC)	Ingress Protection Rating	IP41 in-cab use
Digital Outputs	3 (open collector relay 150mA)	Connectors/SIM Access	
Analog Inputs	1 (external ADC input 0-32 VDC)	Power, I/O	20-Pin 3mm Pitch
Accelerometer	Built in, triple-axis (driver behavior, impact detection, motion sensing, tilt detection)	SIM Access	Internal (2FF SIM)
Serial Interface	2 TTL ports	Edge Intelligence ¹	
DC Power Output	1 (switched 3.3V)	PEG™	Update device functionality or develop new on the edge applications
1-Wire® Interface	1 (driver ID/temperature sense)	Cloud/Software Services ¹	
Status LEDs	2 (GPS and Cellular)	Device Management	Manage, configure, and deploy OTA software updates to connected assets remotely at scale.
Interface Standards		CalAmp Telematics Cloud	Device data stream via RESTful APIs
Bluetooth	BLE 5.0 Capable	Certifications	
Wireless Interfaces		Industry Certifications	FCC, CE, IC, PTCRB, RoHS
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.

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