

LMU-2630LEB™

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	B1, B3, B8, B20, B28
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
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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
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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
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ACCESSORIES

Accessories	View accessories on CalAmp.com
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