

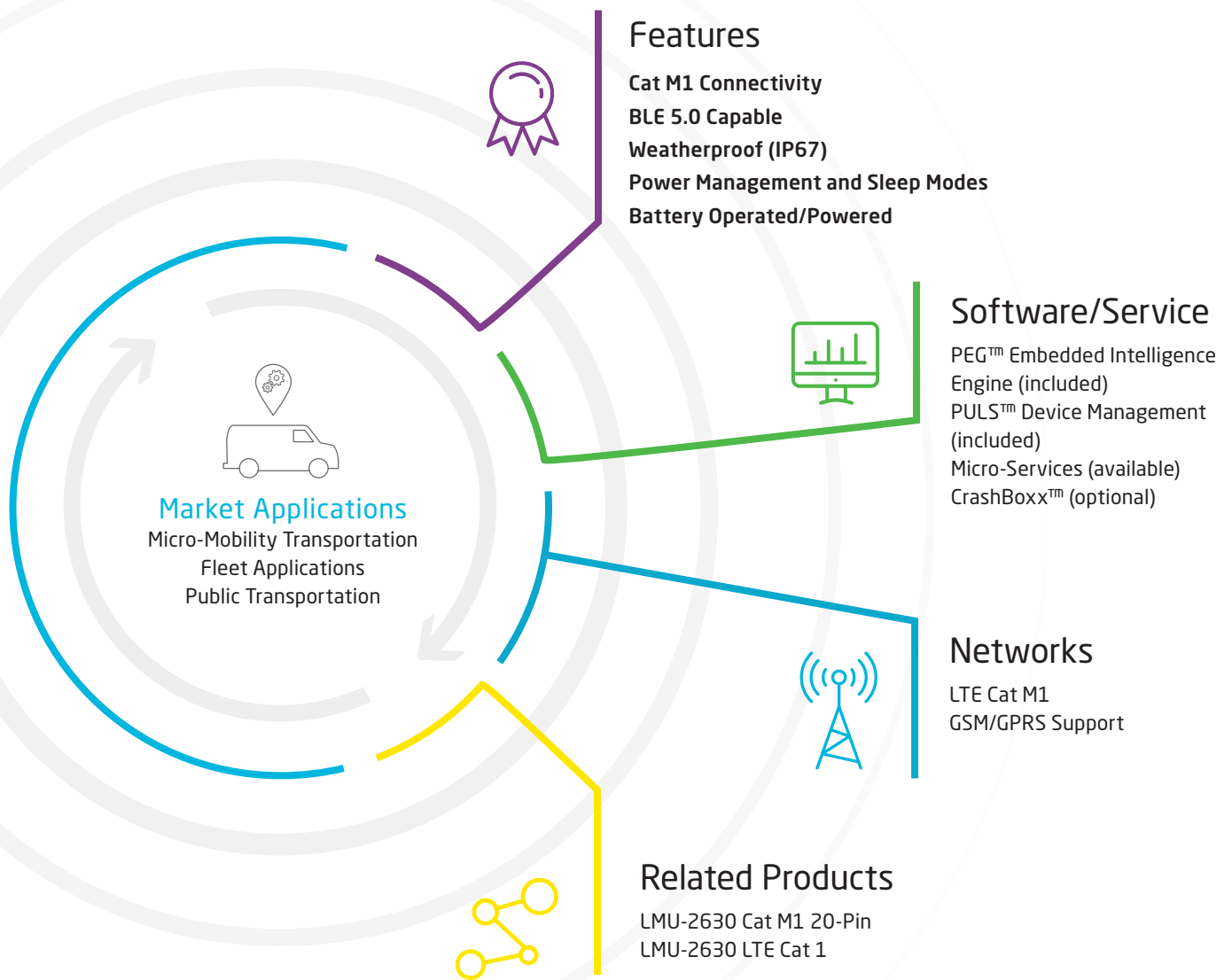
LMU-2630™

CAT M1 | 12-Wire Sealed



Leading Edge Fleet Tracker for Advanced Fleet Management with Extensive Capabilities

The LMU-2630™ Cat M1 is a fleet tracking device incorporating a powerful processing engine, bluetooth low energy (BLE) 5.0 capability, and built-in triple-axis accelerometer for measuring driver behavior and vehicle impact. The weatherproof and reliable design incorporates a rechargeable battery pack, suited best for rugged applications.



© 2020 CalAmp. All specifications are typical and subject to change without notice.
L2630MB12Q221DS V2-A

Cal/Amp®

CalAmp
15635 Alton Pkwy Ste 250
Irvine, CA 92618
888.3CALAMP
calamp.com

LMU-2630™ Cat M1 Technical Specifications (12-Wire Sealed)

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, CalAmp Telematics Cloud API

Satellite Location (GNSS)

Constellation Support	Hybrid GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS)
Channels	55 Channel
Tracking Sensitivity	-167 dBm
Acquisition Sensitivity	-156 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	

Comprehensive I/O

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)
Accelerometer	Built in, triple-axis (driver behavior, impact detection, motion sensing, tilt detection)
Serial Interface	1 TTL Port
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

* PEG™ Configuration Options

+ IP Certified if CalAmp Assembled

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 @ 12 V (sleep) Typical 25mA @ 12 V (radio-active sleep) Typical 50mA @ 12 V (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)
Ingress Protection Rating⁺	IP67

Physical/Design

Dimensions	3.06 x 4.45 x 0.87" (77.8 x 113 x 22mm)
Weight	6.8 oz. (193g)

Connectors/SIM Access

Power, I/O	12 Wire Captive Harness
SIM Access	Internal (2FF SIM)

Embedded Intelligence Engine

PEG™	Update device functionality or develop new on the edge applications
-------------	---

Device Management

PULS™	Monitor, manage, upgrade firmware, configure and troubleshoot devices remotely
--------------	--

Certifications

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

CALIFORNIA PROPOSITION 65



WARNING:

This product can expose you to chemicals including Carbon black and Nickel, which are known to the State of California to cause cancer, and including Bisphenol A and 1,3-Butadiene, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov