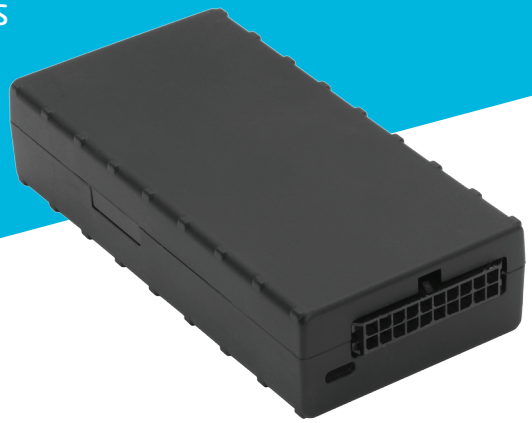
LMU-2630™ GSM/GPRS, CDMA, HSPA

Fleet Tracking Unit with Leading Technologies

CalAmp®



The LMU-2630™ fleet tracking unit offers leading edge fleet management features including a triple-axis accelerometer for measuring driver behavior and vehicle impacts while offering the high reliability fleet customers demand.

Experience The Advantage

- GSM/GPRS, CDMA 1xRTT or HSPA configuration
- Internal or external cellular and GPS antenna options for easy installation
- High sensitivity GPS
- Built-in triple-axis accelerometer for driver behavior, motion sensing, hard braking, impact detection
- 20,000 buffered message log
- 32 built-in geo-fences, plus any combination of circle or polygon zones, up to 5,400 points
- 5 inputs/3 outputs/1-wire® interface for driver ID, temperature sensors and more options
- Switched power serial port
- Android™, Magellan®, Garmin®, TomTom® MDTs and other advanced peripherals support
- Optional 1000 mAh back-up battery
- Power management sleep modes
- Automatic, over-the-air configuration and firmware download

Competitive Price, Competitive Technology, Competitive Edge

The LMU-2630™ is a robust, affordable device you can count on for AVL and fleet applications. The LMU-2630™ incorporates GSM/GPRS, CDMA 1xRTT or HSPA communication along with extra-sensitive GPS, a powerful processing engine, and a triple-axis accelerometer that detects and acts on hard braking, aggressive acceleration or vehicle impacts. Internal or external antenna options enables the device to be mounted virtually anywhere for easy, inexpensive installations..

Flexibility

The LMU-2630™ employs CalAmp's industry leading on-board alert engine, PEG™ (Programmable Event Generator). This advanced engine monitors external conditions and supports custom application. PEG™ continuously monitors the vehicle environment and responds instantaneously to pre-defined threshold conditions related to time, date, motion location, geo-zone, input and other event combinations. This behavior can be programmed by CalAmp before shipment, at a customer facility, or over-the-air once the unit has been fielded. With PEG™, your unique application will meet demanding customer requirements and give you a distinct advantage over your competition.

Over-The-Air Serviceability

The LMU-2630™ also leverages CalAmp's management and maintenance system, PULS™ (Programming, Updates, and Logistics System), for over-the-air configuration parameters, PEG rules and firmware. This out-of-the-box hands free configuration and automatic post-installation upgrades can monitor unit health status across your fleets to identify issues before they become expensive problems.

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LMU-2630™ GSM/GPRS, CDMA, HSPA Specifications

General

Network Technologies	GPRS/EDGE/HSPA and CDMA 1xRTT
Location Technology	56 channel GPS
Operating Voltage	12 /24 VDC Vehicle Systems

GPS

Location Techology	GPS; QZSS capable
Enhancement Technology	SBAS: WAAS, EGNOS, MSAS, GAGAN
Tracking Sensitivity	-162 dBm
Acquisition Sensitivity	-148 dBm
Location Accuracy	2.0m CEP
Location Update Rate	4 Hz

AGPS / Location assistance capable

Cellular/Bands

Operating Bands (MHz)

GSM/GPRS	850/900/1800/1900
CDMA/1xRTT	850/1900
HSPA/UMTS	850/1900

Data Support — SMS, UDP Packet Data, TCP

Comprehensive I/O

Digital Inputs	5 (1 fixed bias low, 4 programmable bias)
Digital Outputs	3 relay driver outputs (200mA)
Serial Interface	2 power TTL ports
Analog Inputs	2 (1 interval VCC monitor, 1 external A/D input)
1-Wire® Interface	1 (driver ID, temperature sense)
Status LEDs	2 (GPS and cellular)

Certifications

FCC, CE, IC, PTCRB, Applicable Carriers

Electrical

Operating Voltage	7-32 VDC (moment
Power Consumption	9-30 VDC (start-up, operating) <3 mA @ 12V (deep sleep) <10mA @ 12V (sleep on network with SMS) <20mA @ 12V (sleep on network with UDP) <70mA @ 12V (active tracking)
Battery	Lithium-Ion 1000 mAh

Environmental

Temperature	-30° to +75° C (connected to primary power) -40° to +85° C (storage) -10° to +60° C (operating on internal battery) 0° to +60° C (long term storage with battery)
Humidity	95%RH @ 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G and 810F,
EMC/EMI	SAE J1455 SAE J1113; Industry Canada, RoHS Compliant

IP-66 enclosure

Physical

Dimensions	3.7 x 2.0 x 0.8" (93.57mm x 52.88mm x 19.68mm)
Weight	2.4oz (68.03g)

Connectors, SIM Access

Connection Type	20-Pin standard connector
GPS Antenna	Internal/External options (w/ tamper monitoring on external, 3V)
Cellular Antenna	Internal/External options
SIM Access	Internal

Product Options

Customized hardware and software development available on request
Tie-wrap, adhesive, or velcro screw mounting bracket Captive 2, 6 or 10-wire harness
Level 2 security
200 mAh back up battery

About CalAmp

CalAmp (NASDAQ: CAMP) is a telematics pioneer leading transformation in a global connected economy. We help reinvent businesses and improve lives around the globe with technology solutions that streamline complex IoT deployments and bring intelligence to the edge. Our software applications, scalable cloud services, and intelligent devices collect and assess business-critical data from mobile assets, cargo, companies, cities and people. We call this The New How, powering autonomous IoT interaction, facilitating efficient decision making, optimizing resource utilization, and improving road safety. CalAmp is headquartered in Irvine, California and has been publicly traded since 1983. LoJack is a wholly owned subsidiary of CalAmp. For more information, visit calamp.com, or LinkedIn, Twitter, YouTube or CalAmp Blog.

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