



## FEATURES

- » 4G LTE
  - CAT 1: 2/4/5/12
  - CAT 1: 4/13
- » BATTERY 1,000 mAh
- » IGNITION INTERRUPT
- » PEG™ CONFIGURATION
- » PULS™ DEVICE MANAGEMENT
- » OPTIONAL GPIO

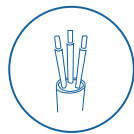
## MiFleet 3-Wire Commercial:

*CalAmp LMU-2630 | 4G LTE*

The LMU-2630 is a compact 3-Wire solution for fleets that offers robust functionality with ECU Data. The 2630 is equipped with PEG™ scripting options for customized usage including Power-Take-Off, backup battery, accelerometer, starter interrupt and more. This solution is ideal for fleets, rentals, heavy-equipment, and other types of transport equipment with Power-Ground.

## Benefits:

- Location Based Services
- Intervals: 30-seconds
- Power-Take-Off Options
- Ignition Alerts
- Harsh Driving Alerts
- Battery backup
- 20,000 Message Log
- Optional: Temperature Sensor



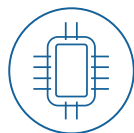
### 3-Wire Connection

By connecting device directly into the engine you can **obtain valuable data points and be alerted** when they happen.



### Power-Take-Off

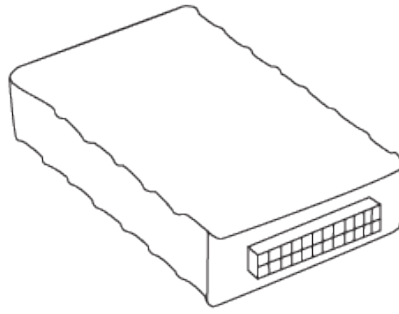
Identify and **monitor equipment movement** in the field and **control access of equipment** with starter interrupt features.



### Expandable Features

This solution provides the ultimate universal features list with **PEG™ Scripting for customizing reports, alerts, and accessories.**





## CELLULAR NETWORK

North American Variant I LTE Cat 1 HSPA/UMTS	1900 (B2)/AWS 1700 (B4)/850 (B5)/700 (B12) MHz 850 (V)/1900 (II) MHz
North American Variant II LTE Cat 1	LTE Cat 1 AWS 1700 (B4)/700 (B13) MHz
Americas, EU, APAC Variant HSPA/UMTS GSM/GPRS	850 (V)/1900 (II)/2100 (I) MHz 850/900/1800/1900 MHz
Americas Variant HSPA/UMTS GSM/GPRS	850 (V)/1900 (II) MHz 900/1800 MHz
Global Variant GSM/GPRS	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, GAGAN)
Channels	31 Channel
Tracking Sensitivity	-162 dBm
Acquisition Sensitivity	-156 dBm (hot start) -148 dBm (cold start)
Location Accuracy	~2.0m CEP Open Sky (GPS 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	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 Interface	2 TTL ports
DC Power Output	1 (switched 3.3V)
1-Wire® Interface	1 (driver ID/temperature sense)
Status LEDs	2 (GPS and cellular)

## CERTIFICATIONS

FCC, IC, PTCRB, RoHS

## ELECTRICAL

Operating voltage	12/24 Vehicle System 9-30 VDC (start-up, operating) 7-32 VDC (momentary)
Power Consumption	Typical <3mA @ 12V (deep 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
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	95% RH @ 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G, 810F, SAE J1455
EMC/EMI	IEC 61000-4-2 (4KV test)

## PHYSICAL

Dimensions	3.7 x 2.0 x 0.8" (94 x 53 x 20 mm)
Weight	2.8 oz. (80 g) (w/ 1000 mAh Battery)

## CONNECTORS & SIM ACCESS

SIM Access	Internal (2FF SIM)
Power I/O	20-Pin 3mm Pitch
GPS Antenna	Internal/External options (w/ tamper monitoring on external, 3V)
Cellular Antenna	Internal/External options

## DEVICE MANAGEMENT

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

## EMBEDDED INTELLIGENCE ENGINE

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

## PRODUCT OPTIONS

I/O wiring harness  
200 mAh battery  
IP66 enclosure (captive harness)