



FEATURES

- » 4G LTE
- Cat1: 2/4/12/13
- » PEG™ SCRIPTING
- » PULS™ DEVICE MANAGEMENT
- » OBDII CONNECTION
- » BUILT-IN BLUETOOTH
- » BUILT-IN BACKUP BATTERY
- » 3-AXIS ACCELEROMETER

MiFleet Plug & Play with Expandable Reporting Capabilities: *CalAmp LMU-3030 | 4G LTE*

The LMU-3030 offers Plug & Play installation with a built-in backup battery ideal for passenger or light-duty vehicle applications. Provides access to vehicle engine diagnostics, essential for monitoring vehicle health, and driver behavior. This device offers advanced scripting intelligence through PEG™ for robust reporting and customization capabilities.

Benefits:

- Plug & Play Install
- Customizable Reporting Capabilities
- Engine Diagnostics (DTC)
- Vehicle Sensor Data
- Device Removal Alert
- Tow Alerts
- Driver Crash Detection
- Over-the-Air Updates



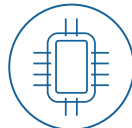
Engine Intelligence

Monitor fuel level percentage, engine diagnostics (DTC), and vehicle sensor data through this light duty OBDII easy to use device.



Plug & Play

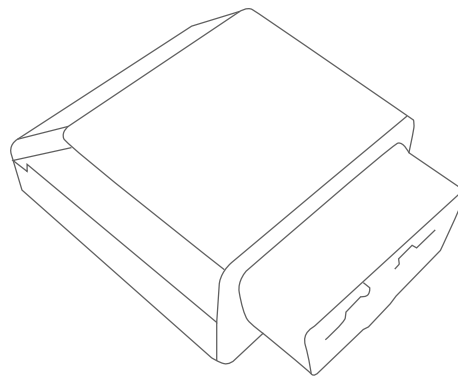
The OBDII connection port allows for easy plug & play install device equipped with backup battery.



Customized Scripting

The PEG™ features allow for robust reporting and customization capabilities. Puls™ features allow for over-the-air updating to make sure your device is always up to date.





DATA SUPPORT

SMS, UDP Packet Data, TCP, CalAmp Telematics
Cloud API

CELLULAR/NETWORK

North American Variant I

LTE Cat 1 1900 (B2)/AWS 1700 (B4)/850 (B5)/700 (B12) MHz

North American Variant II

LTE Cat 1 AWS 1700 (B4)/700 (B13) MHz

SATELLITE LOCATION (GNSS)

Constellation Support	GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS, GAGAN)
Channels	55 Channel
Tracking Sensitivity	-167 dBm
Acquisition Sensitivity	-157 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

OBDII Interface	J1850 PWM, J1850 VPW, ISO-9141-2, ISO-14230 (KWP 2000), SW-CAN, ISO-15765 CAN
Serial Port	2-wire TTL Serial Interface
Bluetooth	Bluetooth Low Energy
Status LEDs	3 (OBD, GPS, cellular) (BLE)
Integrated Buzzer	Programmable audible alert
Accelerometer	Built in, triple-axis (driver behavior, impact detection, motion sensing, tilt detection)

CERTIFICATIONS

FCC, CE, IC, PTCRB, RoHS

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.

32 Geofences built-in
2000 Buffered Messages

ELECTRICAL

Operating voltage	12/24 VDC Vehicle Systems 9-30 VDC (start-up, operating) 7-32 VDC (momentary)
Power Consumption	Typical 2mA @ 12 V (deep sleep) Typical 40mA @ 12 V (active tracking w/ GPS and cell enabled)

ENVIRONMENTAL

Temperature	-30° to +60° C (connected to primary power) -20° to +60° C (operating on battery) -20° to +25° C ≤ 6 months (long term storage w/ battery)
Humidity	95% RH @ 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G, 810F; SAEJ1455
ESD	IEC 61000-4-2 (4KV Test)

PHYSICAL/DESIGN

Dimensions	1.8 x 2.6 x 1.1" (46 x 67 x 28 mm)
Weight	1.75 oz (50 g)

OBD DATA EXTRACTION

Detection	Automatic detection of vehicle interface services
Extraction	Transmission of standard OBD-II codes, plus manufacturer specific codes which are made available by the embedded OBD firmware stack
Scripts	Download of vehicle specific diagnostic scripts dependent on vehicle model variant

CONNECTORS / SIM ACCESS

GPS Antenna	Internal
Cellular Antenna	Internal
SIM Access	Internal (2FF SIM)