FEATURES

» CDMA 1X

» BATTERY 1,000 mAh

» IGNITION INTERRUPT

» ECU DATA

» PEG™ CONFIGURATION

» PULS™ DEVICE MANAGEMENT

» OPTIONAL GPIO

Benefits:

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

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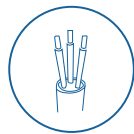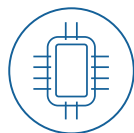
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MiFleet 3-Wire Commercial:
CalAmp LMU-2720 |CDMA 1X

The LMU-2720 is a compact 3-Wire solution for fleets that offers robust functionality with ECU Data. The 2720 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.

3-Wire Connection

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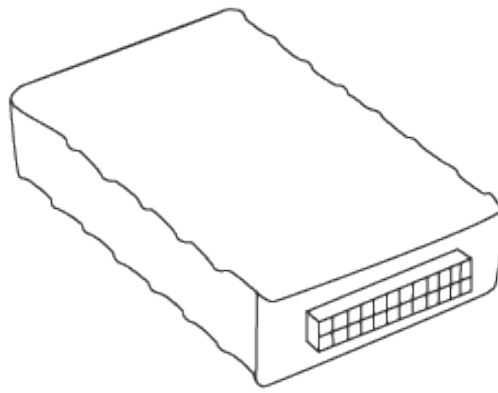
Power-Take-Off

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.

MiFleet

2720

CELLULAR NETWORK

HSPA/UMTS	900 (VIII)/800 (VI)/850 (V)/1700 (IV)/1900 (II)/2100 (I) MHz
GSM/GPRS	850/900/1800/1900 MHz

DATA SUPPORT

SMS, UDP Packet Data, CalAmp Telematics Cloud API

SATELLITE LOCATION

Constellation Support	Hybrid GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS)
Channels	56 Channel
Tracking Sensitivity	-162dBm
Acquisition Sensitivity	-147 dBm
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

Digital Inputs	5 (1 fixed bias low, 4 programmable bias)
Digital Outputs	3 relay driver outputs (200mA)
Analog Inputs	2 (1 interval VCC monitor, 11 external A/D input)
Accelerometer	Built-in, V-axis (driver behavior, impact detection, motion sensing, tilt detection)
Serial Interface	2 (1 TTL serial, 1 switched power TTL)
1-Wire Interface	1 (driver ID/temperature sensor)
Status LED's	2 (GPS & Cellular)

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.

ELECTRICAL

Operating voltage	12/24 VDC Vehicle Systems
	9-30 VDC (start-up, operating)
	7-32 VDC (momentary)
Power Consumption	
	Typical <3mA @ 12V (deep sleep)
	Typical <10mA @ 12V (sleep on network w/SMS)
	Typical <20mA @ 12V (sleep on network w/GPRS)
	Typical <70mA @ 12V (active tracking)

BATTERY PACK

Battery Capacity	200 mAh or 1000 mAh
Battery Technology	Lithium-ion
Charging Temperature	0° to 45° C

ENVIRONMENTAL

Temperature	-30° to + 75° C (connected to primary power)
	-40° to + 85° C (storage)
Humidity	95% RH @ 50° C (non-condensing)
Shock and Vibration	U.S. Military Standards 202G 810F, SAE J1455
ESD	SAE J1113, FCC-Part 15B

CONNECTORS & SIM ACCESS

Connector Type	20-PIN Molex type fused power harness
GPS Antenna	Internal
Cellular Antenna	Internal
SIM Access	Internal (2FF SIM)

PRODUCT OPTIONS

Driver ID/temperature sensing with 1-wire® protocol
External A/D input
NMEA data via serial
Internal or External GPS and cellular antennas
Serial cables
jPOD™ truck ECU interface
Garmin®, Magellin and other advanced peripherals support

PHYSICAL

Dimensions	90 x 54 x 20 mm
Weight	85 g (internal)