SC1205V

CalAmp®

Multi-Use LTE CAT-M1 Smart Tracking Device for Visibility and Compliance

Dimensions
5.61" x 3.25" x 1.28"
142.7 mm x 82.7 mm x 32.7 mm

Weight
258 g (9.1 oz)

Cloud Native Platform
CalAmp Telematics Cloud allows you to connect remote assets to a diverse set of vertical applications and thirdparty services to scale your fleet and power data-driven operations. .

Powerful Applications
CalAmp's enterprise-grade applications allow you to visualize the data you need and extract maximum value while minimizing your costs. Put intelligent analytics and custom reporting at your fingertips via a single-view, user-friendly interface.

Asset and Vehicle Tracking Technology
Flexible • Precise • Affordable

Flexible Installation
Wired, OBDII (with optional adapter), and cigarette lighter power harness options for ready-to-use device setup

Driver Monitoring
Run time and performance diagnostics including speeding, accident detection, extreme braking and cornering, etc.

Battery Assurance
Mitigate interference or power loss with internal backup included battery

Remote Safety Lockout
Easily disable vehicles or equipment, and remotely enable theft detection and stolen vehicle recovery

Comprehensive Inputs/Outputs
Digital and Analog I/O options, triple-axis accelerometer; BLE wireless capability for transmitting tag information through the gateway device.

SC1205V | Rugged. Precise. Affordable.

Cellular/Network

Communication	
LTE CAT-M1	2100 (B1)/1900 (B2)/1800 (B3)AWS 1700 (B4)/850(B5)/900(B8)/700 (B12/B13/B28)MHz
GSM/GPRS	850/900/1800/1900 MHz Bi-directional communications Over-the-air adjustable reporting rate Reporting rate: 1 min to 24 hour
Wi-Fi Enabled	2.4Ghz B/G/N

Wireless Interfaces

BLE Antenna	Internal
Cellular Antenna	Internal
GPS Antenna	Internal

Location Accuracy

Wi-Fi	100 meters
Cellular	500 meters
GPS	3-5 meters

Comprehensive I/O

Digital Inputs	2 (general purpose, IGN)
Digital Outputs	1 (general purpose - door locking/unlocking)
Analog Inputs	1 (external ADC input 0-35 VDC)

Certifications

Industry Certifications	FCC, PTCRB, Industry Canada

Battery Pack

Battery Capacity	Up to 4000 mAh
Battery Technology	Lithium-Ion
Charging Temperature	0° to +45° C

For full tech specs visit calamp.com

Environmental

Temperature	-10° C to 50° C	14° F to 122° F (operating) -10° C to 40° C	14° F to 104° F (storage)
Humidity	85% RH @ 50° non-condensing
Shock and Vibration	SAE J1455
Ingress Protection Rating	IP66 Certified (connector dependent)

Physical/Design

Dimensions	5.61" x 3.25" x 1.28" 142.7 mm x 82.7 mm x 32.7 mm
Weight	258 g (9.1 oz)

Sensors

BLE SC iOn Tags	
Motion	BLE Environmental, Extreme Temperature and Proximity Tags
Temperature	NIST Traceable Accuracy +/- 0.5C type (-30C to 60C) Min/Max Threshold (configurable)
Light	Threshold on/off
Shock	Dedicated 3-axis accelerometer 16 G max
Impact	General shock event
Drop	Vertical drop above threshold
Tilt	90 degrees
Tag Processing	Up to 600 per report

Electrical

Operating Voltage	12/24 VDC Vehicle Systems 9-30 VDC (start-up, operating) 7-35 VDC (momentary)
Power Consumption	Typical 4uA @ 12V (deep sleep) Typical 100mA @ 12V (radio-active sleep)

Product Options

CalAmp Application Platform
Command Center Monitoring
Calamp Telematics Cloud API

Cal/Amp®