



LTE CAT M1 · DATA SHEET

SC-1204™

Multi-use LTE CAT M1 tracker for global shipment visibility and compliance



DIMENSIONS

142.7 × 82.7 × 17.7 mm
(5.62 × 3.26 × 0.70 in)

WEIGHT

208 g
(7.3 oz)

Overview

The SC-1204 logs location and environmental conditions for assets traveling by road, air, or sea. LTE CAT M1 connectivity, ocean and flight modes, multiple onboard sensors, and flexible power options support shipment visibility, cargo monitoring, and compliance.

Highlights



LTE CAT M1 connectivity supports shipment visibility



Ocean and flight modes support multimodal transportation



Sensors monitor light, motion, pressure, temperature, and shock



Rechargeable battery and external power options add flexibility



Qi wireless charging simplifies device reuse



Supports asset, cargo, pallet, and package monitoring

PHYSICAL DESIGN

Dimensions	142.7 × 82.7 × 17.7 mm (5.62 × 3.26 × 0.70 in)
Weight	208 g (7.3 oz)

CELLULAR

LTE CAT M1 Bands	B1, B2, B3, B4, B5, B8, B12, B13, B28
2G Bands	B2, B3, B5, B8

GNSS

Constellation Support	GPS
Location Accuracy	GPS: 3-5 m; Wi-Fi: 100 m; Cellular: 500 m

WIRELESS INTERFACES

Bluetooth	BLE
Wi-Fi	802.11b/g/n, 2.4 GHz

POWER

Battery Capacity	3.7 V, 4000 mAh (14.8 Wh; 5.0 A rate)
Battery Technology	Lithium-ion (Li-ion)
Battery Type	Rechargeable internal backup battery
Battery Life	15 days at 15-minute reporting
Operating Parameters	Qi wireless charging (approximately 8 hours); on/off button; charging/status indications

ENVIRONMENTAL

Temperature	Operating: -10 to 50 C (14 to 122 F) Storage: -10 to 40 C (14 to 104 F)
Shock & Vibration	Shock and vibration resistant

SENSORS

Temperature Sensor	NIST traceable; typical accuracy +/-0.5 C (-30 to 60 C); configurable min/max thresholds
Shock Sensor	Dedicated 3-axis accelerometer; 16 G max; impact, drop and 90-degree tilt events
Light Sensor	Threshold on/off
Proximity Sensor	Supported through BLE proximity tags

I/O

Digital Inputs	Digital I/O options; count not specified
Analog Inputs	Analog I/O options; count not specified
Status LEDs	Green on; red off; periodic green pulse while charging

CLOUD / SOFTWARE SERVICES

Device Management	Manage, configure, and deploy OTA software updates to connected assets at scale
CalAmp Telematics Cloud	Stream telematics data into proprietary systems with flexible API integration
CalAmp App	Fleet and asset management software for tracking, monitoring, and managing vehicles, equipment, drivers, assets, and cargo.

CERTIFICATIONS

Certifications	FCC; CE; PTCRB; applicable carriers; Industry Canada; NOM
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