

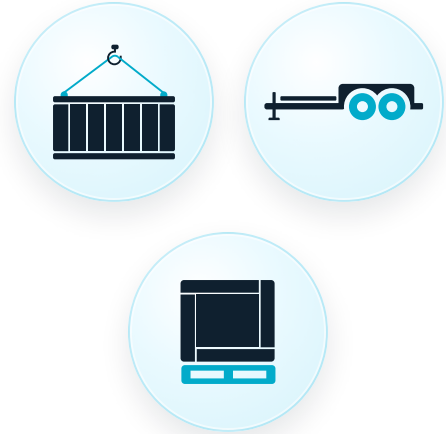
SC-1004™

Reusable smart shipment tracker for location, temperature, and compliance visibility

The SC-1004 is a reusable, battery-operated or externally powered tracker that captures in-transit location and temperature. Ocean and flight modes, global coverage, NIST-traceable sensing, and an IP67 enclosure support supply chain integrity, security, and regulatory compliance.



Cal/Amp®



DIMENSIONS

98 × 98 × 12 mm
(3.86 × 3.86 × 0.47 in)



WEIGHT

175 g
(6.2 oz)

Highlights



Reusable design supports portable or fixed deployment



Ocean and flight modes support multimodal shipments



IP67-rated enclosure provides waterproof protection



Tracks shipment location and in-transit temperature



One-button activation simplifies shipment setup



NIST-traceable sensing and battery or external power options

PHYSICAL DESIGN

Dimensions 98 × 98 × 12 mm
(3.86 × 3.86 × 0.47 in)

Weight 175 g (6.2 oz)

CELLULAR

3G Bands B1, B2, B3, B5, B8

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

Operating Voltage Battery operated; optional external 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 battery

Battery Life 15 days at 15-minute reporting

Operating Parameters On/off button; Qi wireless charging; approximately 8-hour recharge

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

Environmental Rating IP67

SENSORS

Motion Sensor Motion detection

Temperature Sensor NIST traceable; typical accuracy +/-0.5 C (-30 to 60 C); configurable min/max thresholds

Shock Sensor 16 G max; impact, vertical drop and 90-degree tilt events

Light Sensor Threshold on/off

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; ISED; PTCRB; DO-160; NOM; IFETEL; CE; DGM; Thailand; Singapore

ACCESSORIES

Accessories [View accessories on CalAmp.com](https://calamp.com)