



The SC1004 is an ideal solution for global shipping and logistics, cold chain, pharmaceuticals and other sensitive shipments which need to maintain supply chain integrity, security, regulatory compliance (FSMA, FDA, C-TPAT), visibility and distributed asset management. The device increases shipment and aids in shipment recovery.

Competitive Price. Advanced Technology. Maintained Compliance.

The SC1004 has an Ocean mode that will reduce battery consumption while on ocean shipments. Ocean mode can be turned on manually or with geo-spatial events. While in a low power mode, cargo conditions will continue to be measured and logged. Once the shipment arrives at port, all data and events are transmitted to the SC iOn™ Command Portal.

Key Features

- Global Coverage
- "Ocean Mode" for extended shipments
- Compact Form Factor with Portable or Fixed Versions
- Multi-Mode Capable with SC iOn Tags
- "One Button" Activation
- Full Sensor Capabilities (Shock/Vibration/
Temperature/Light/Humidity)
- SC iOn Platform Visibility & Monitoring Services

SC1004 Specifications

Communication

- Cellular:
 - 3G cellular worldwide
 - 850/900/1800/1900/2100 MHz
 - Fallback to 2G (if no 3G)
 - Bi-directional communications
 - Over-the-air adjustable reporting rate
 - Reporting rate: 1 min to 24 hour

Location Accuracy

- GPS: 3-5 meters
- Wi-Fi based: 100 meters
- Cell based: 500 meters (typical in urban areas)

Dimensions

- 3.9" x 3.9" x 0.5" (9.8 x 9.8 x 1.2 cm)
- Weight: 1.75g (6.2 oz)

Power

- 12/24V External power
- Rechargeable li-Ion battery
 - 3.7V 4000mAh (14.8Wh, 5.0A rate)
- Qi wireless recharging (8 hr recharge time)
- Recharging when powered (12 hr recharge time)
- Battery Duration:
 - 12 days @ 15 min reporting

Sensors

- BLE SCIOn Tags
- Motion - stationary/moving after stationary
- Light - threshold on/off
- Temperature
 - NIST traceable
 - Accuracy: +/- 0.5C typ (-30C to 60C)
 - Min/Max threshold settable
- Shock
 - Dedicated 3-axis accelerometer
 - Impact - general shock event
 - Drop - vertical drop above threshold
 - Tilt - tilt angle settable

Environment

- Operating: -10 to 50 C (14 to 122F)
- Storage: -30 C to 60 C (-22 F to 140 F)
- Waterproof: IP67
- Rugged construction
 - Embedded solder SIM
 - Shock and vibration resistant

SC1004 Applications

Ideal Markets

- Global Shipping & Logistics
- Pharmaceuticals
- Cold Chain
- Security
- Asset Management
- Cargo/Pallet/ Container Visibility

Ideal Markets

- Supply Chain Integrity
- Security Compliance
- Theft & Recovery
- FSMA Compliance
- Operational Visibility & Control
- Distributed Asset Management

About CalAmp

CalAmp (NASDAQ: CAMP) is a telematics pioneer leading transformation in a global connected economy. We help reinvent businesses and improve lives around the globe with technology solutions that streamline complex IoT deployments and bring intelligence to the edge. Our software applications, scalable cloud services, and intelligent devices collect and assess business-critical data from mobile assets, cargo, companies, cities and people. We call this The New How, powering autonomous IoT interaction, facilitating efficient decision making, optimizing resource utilization, and improving road safety. CalAmp is headquartered in Irvine, California and has been publicly traded since 1983. LoJack is a wholly owned subsidiary of CalAmp. For more information, visit calamp.com, or LinkedIn, Twitter, YouTube or CalAmp Blog.