



Cal/Amp®  
Supply Chain Integrity™

The SC iOn Tag is an economical, multi-modal asset tracking product designed for global shipping and logistics. The smart tags are an ideal solution for cold chains, pharmaceuticals and other shipments that must maintain certain parameters for quality or compliance.

**Competitive Price. Advanced Technology. Quality Assurance.**

The SC iOn Tag has the ability to log sensor data while away from an SC1000 or Bluetooth LE reader. Once in range, all sensor data will be transmitted through the SC1000 device or a Bluetooth LE reader. This allows the SC iOn tags to be used as a low cost sensor logger that can be used in all modes of transportation. Additionally, once the tag transmits its logged information, events will be generated to inform users of compliance breaches and spoilage. All SC iOn tag data is securely stored in the SCION Command portal and can be easily retrieved or transmitted via API to an appropriate user.

- Low cost
- Cargo-, Container- and Pallet-level visibility
- Snap to activate
- Full sensor capabilities monitoring
  - Humidity
  - Light
  - Shock/drops
  - Temperature
  - Vibrations

These devices are ideal for shippers that require alerts when a shipment falls out of compliance. The SC iOn Tags are commonly used with Food and Pharmaceutical shipments to maintain security and regulation compliance.

# SC iOn Tag Specifications

## Communication

- BT Radio to Sc iOn Trak Gateway
- 250 ft (80 meters) line of sight

## Dimensions

- Proximity: 1.3" x 2.6" x 0.3" (34 x 66 x 7 mm)

## SKUs

- PTAG04
  - Proximity
  - Battery life 24 months
- STAG04HT
  - Proximity
  - Temperature
  - Humidity
  - Battery Life 9 months
    - o Battery life is subject to use case

## Power

- Primary Lithium battery
- Activated upon breaking off tab
- Max Output Power is Less than 100mW EIRP

## Sensors (when available per SKU)

- Proximity
- Temperature
  - NIST traceable
  - Accuracy: +/- 0.5C
  - Min/Max threshold settable
  - Tilt - tilt angle settable
- Humidity
  - Accuracy: 4% rH (20% to 80% rH)
- Sensor Logging capable

## Environment

- Operating: -30 C to 60 C (-22 F to 140 F)
- Storage: -30 C to 60 C (-22 F to 140 F)
- Waterproof: IP65

## 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](http://calamp.com), or LinkedIn, Twitter, YouTube or CalAmp Blog.