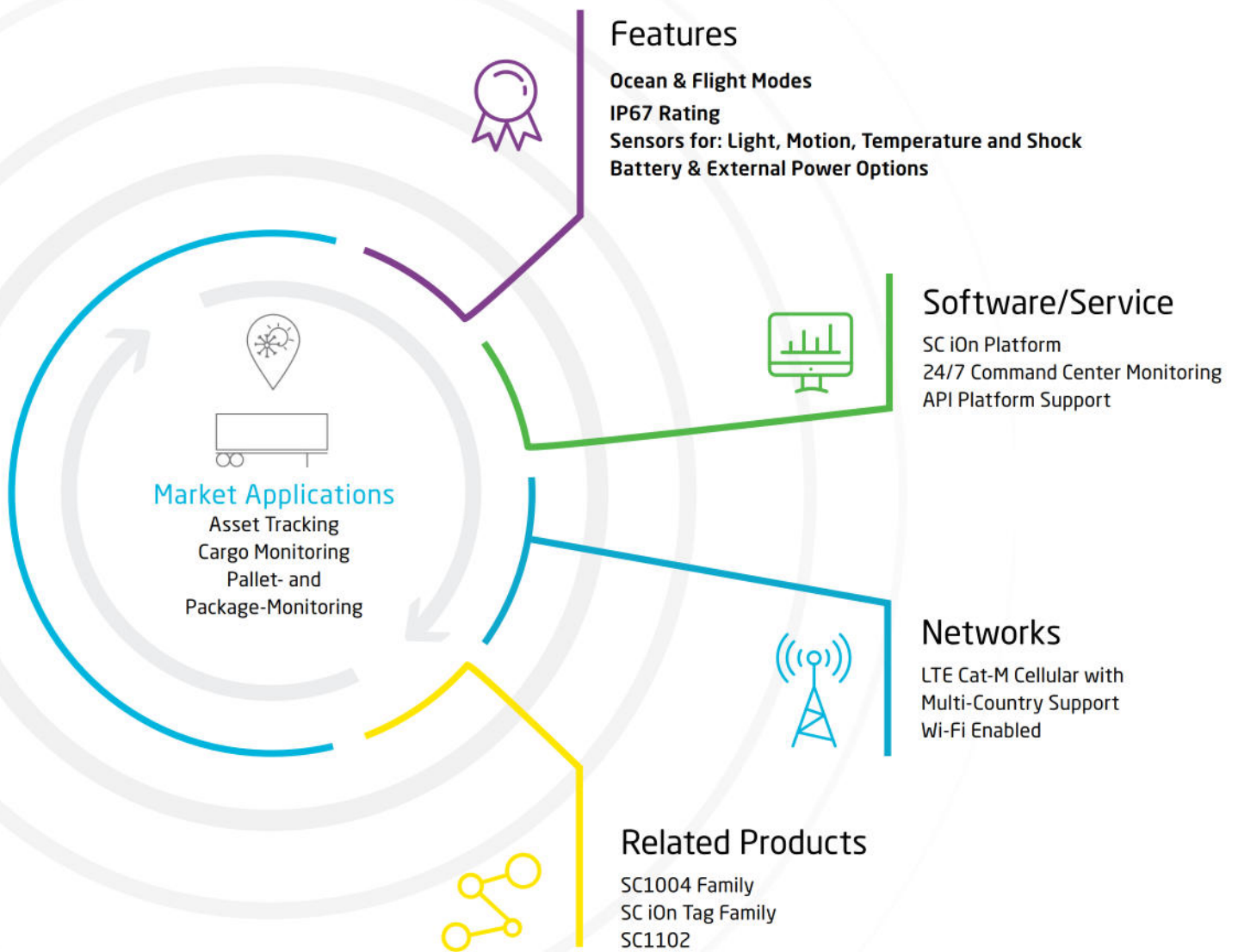# SC iOn™ Trak SC1204

Multi-Use LTE Cat-M Smart Tracking Device for Visibility and Compliance

The SC1204 is a tracking device engineered for logging location and environmental conditions. It is an ideal solution for tracking assets over the road, in flight and at sea.

Features

Ocean & Flight Modes
IP67 Rating
Sensors for: Light, Motion, Temperature and Shock
Battery & External Power Options

Software/Service

SC iOn Platform
24/7 Command Center Monitoring
API Platform Support

Market Applications

Asset Tracking
Cargo Monitoring
Pallet- and
Package-Monitoring

Networks

LTE Cat-M Cellular with
Multi-Country Support
Wi-Fi Enabled

Related Products

SC1004 Family
SC iOn Tag Family
SC1102

Cal/Amp®

SC1204 Technical Specifications

Cellular/Network

Communication	Cellular: LTE Cat-M cellular with multi-country support
	B1/B2/B3/B4/B5/B8/B12/B13/B28
	Fallback to 2G
	Bi-directional communications
	Over-the-air adjustable reporting rate
	Reporting rate: 1 min to 24 hour
Wi-Fi Enabled	2.4Ghz B/G/N

Location Accuracy

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

Certifications

Industry Certifications	FCC, CE, PTCRB, Applicable carriers
	Industry Canada, NOM

Power

Rechargeable li-ion battery
Qi wireless recharging (8 hr recharge time)
On/Off button
Green upon button press for on; Red upon button press for off
Green pulse (periodic) for charging
Battery Duration: 15 days @ 15 min reporting

Environmental

Temperature	-10° C to 50° C	14° F to 122° F (operating)
	-10° C to 40° C	14° F to 104° F (storage)
IP Rating	IP67
Ocean & Flight Modes	
Rugged Construction	Shock and vibration resistant

Physical/Design

Dimensions	5.62" x 3.3" x 0.7" (142.7 x 82.7 x 17.7 mm)
Weight	208g (7.3 oz)

Sensors

BLE SC iOn Tags	
Motion	Stationary/moving after stationary
Temperature	NIST Traceable
	Accuracy +/- 0.5° C type (-30° C to 60° C)
	Min/Max Threshold (configurable)
Light	Threshold on/off
Pressure	Flight detection
Shock	Dedicated 3-axis accelerometer
	16 G max
Impact	General shock event
Drop	Vertical drop above threshold
Tilt	90 degrees

Product Options

SC iOn Platform
24/7 Command Center Monitoring
API Platform Support