

SKYWAVE™

AN ORBCOMM COMPANY



SC 1000

**Solar-powered satellite tracking
for intelligent visibility.**

Get asset location, status and more—virtually anywhere

Built for SKYWAVE's OGx network, the SC 1000 solar-powered satellite tracker helps deliver visibility into previously untracked assets in remote areas. Its small size, solar battery and integrated satellite antenna help make asset tracking easy and affordable across a wide range of applications.

Resistant to dust, water, shock and vibration, the SC 1000 is built to provide global coverage for light- and heavy-duty vehicles, containers, trailers, railcars, farm equipment, maritime vessels and more—even in the world's harshest environments.

The SC 1000 goes beyond asset tracking, enabling businesses to perform utilisation, dwell and door monitoring. Receive alerts when assets start moving to help improve cargo security. Install and remove quickly and easily on virtually any type of equipment. The SC 1000 also supports SKYWAVE's wireless door sensors to enhance and monitor asset security.

For applications requiring only basic tracking, the SC 1000-lite, with a single messaging profile, is an attractive budget-friendly option.

Solar battery

Satellite connectivity

**Quick and
easy install**

Rugged

**Software flexibility
with ORBCOMM
platform and
API support**

Connect your SC 1000 to the ORBCOMM platform—or use the ORBCOMM platform’s flexible API to integrate the SC 1000 with your own platform—for streamlined asset management.

Alternatively, connect to SKYWAVE’s OGx Gateway (OGWS) for an API interface that supports all of SKYWAVE’s OGx devices for solution provider integrators.

Specifications

Satellite communication

- SKYWAVE OGx two-way global satellite service

Dimensions

- 8.8 x 3.0 x 1.1 in
- 224 x 76 x 28 mm
- Plastic material: polycarbonate
- Color: white

Certifications

- Inmarsat type approval
- FCC/IC
- CE RED 2014/53/EU
- ATEX Zone 2
- ROHS
- WEEE*
- HERO*
- Contact SKYWAVE for full list of certifications

Sensors

- 3-axis accelerometer, device temperature
- BLE door sensor**
- BLE distress button**

Wireless

- BLE 5.2

Battery

- Type: Li-ion
- Operating temperature: -30°C to 70°C
- Storage temperature: -40°C to 85°C
- Integrated solar charging

Environmental

- Ingress protection: IP67 and IPX9K
- Vibration: AAR-S-9401, rail car body mounted
- Mechanical shock: MIL-STD-810HG, method 516.8, 40g

Global positioning

- Constellations supported:
 - ▶ GPS
 - ▶ GLONASS
 - ▶ BeiDou
 - ▶ Galileo

SC 1000 ordering codes

- **SC1000-0100:** SC 1000 solar tracker
- **SM202921-001:** SC 1000 evaluation kit
- **SC1000-0110:** SC 1000-lite solar tracker
- **SM202921-002:** SC 1000-lite evaluation kit
- **DS 300:** bluetooth door sensor
- **DB 300:** Bluetooth distress button
- **ST101687:** SC 1000 magnet mount kit

* Pending

** Not supported by SC 1000-lite

Although we strive to ensure accuracy in all of our published specifications, actual field performance can vary depending on a variety of environmental, installation and usage factors, as well as third-party factors such as cellular providers. The specifications listed are approximations, and do not constitute binding statements or modify the terms and conditions of purchase or lease including, but not limited to, product operational limitations and warranties. All specifications are subject to change without notice. Please check www.skywave.com to ensure you have the latest version of these specifications.

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Visit our website www.skywave.com

SKYWAVE, an ORBCOMM company, is a global provider of IoT solution enablement technology. We empower solution providers, system integrators and OEMs to serve their customers through satellite and cellular managed IoT networks and a complete application enablement platform. We provide a fully integrated ecosystem of purpose-built devices, data automation and connectivity services for high-reliability, low-data solutions. SKYWAVE is where IoT powers mission-critical applications for the transportation, agriculture, oil and gas and maritime industries.