ORBCOMM®

WHERE DATA DRIVES DECISIONS

Datasheet

SC 1000

Solar-powered satellite tracking for intelligent visibility.

Get asset location, status and more—virtually anywhere

Built for ORBCOMM'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 utilization, 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 ORBCOMM's wireless door sensors to enhance and monitor asset security.

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.

- **Solar battery**
- **Satellite connectivity**
- **Quick and easy install**
- **Rugged**
- **Software flexibility with ORBCOMM platform and API support**

Specifications

Satellite communication

- ORBCOMM 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
- CID2
- ROHS
- WEEE
- HERO
- Contact ORBCOMM for full list of certifications

Sensors

- 3-axis accelerometer, device temperature
- BLE door sensor

Wireless

- BLE 5.2

Battery

- Type: Li-on
- Operating temperature: -30°C to 70°C
- Storage temperature: -40°C to 85°C

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*

** All certifications are pending*

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.orbcomm.com to ensure you have the latest version of these specifications.

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Visit our website **www.ORBCOMM.com**

ORBCOMM is a pioneer in IoT technology, empowering customers with insight to make data-driven decisions that help them optimize their operations, maximize profitability and build a more sustainable future. With 30 years of experience and the most comprehensive solution portfolio in the industry, ORBCOMM enables the management of over a million assets worldwide for a diverse customer base spanning transportation, supply chain, heavy equipment, maritime, natural resources and government. For more information about how ORBCOMM is driving the evolution of industry through the power of data, visit www.orbcomm.com.

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