



## SC 1000

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

### Get asset location, status and more—virtually anywhere

Built for VIACHAIN'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 VIACHAIN's wireless door sensors to enhance and monitor asset security.

Connect your SC 1000 to the VIACHAIN Smart Trailer platform—or use the VIACHAIN Smart Trailer 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 VIACHAIN Smart  
Trailer platform  
and API support**

# Specifications

## Satellite communication

- VIACHAIN 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 VIACHAIN for full list of certifications

## Sensors

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

## Wireless

- BLE 5.2

## Battery

- Type: Li-ion
- 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.viachain.io](http://www.viachain.io) to ensure you have the latest version of these specifications.

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VIACHAIN, an ORBCOMM company, is a global leader in IoT solutions that deliver enhanced sustainability, cargo safety and operational reliability for logistics providers, trucking fleets and the world's largest shipping lines. Our pioneering technology transforms intermodal containers and trailers into smart assets to optimize efficiency and reduce risk. Providing real-time visibility and insights into location, condition, safety and route performance, our solutions enable fast reactions to disruptions. With more than 1.6 million connected assets, VIACHAIN is where IoT powers smart supply chains.