



CT 1000

Simpler tracking. Smarter decisions.

The CT 1000 delivers affordable asset visibility so fleet and intermodal managers can improve utilization and optimize operations. Monitor asset location, status, starts and stops for multiple assets types and sizes.

Better fleet management

Gain insights into fleet efficiency with current and historical location reporting. Identify critical movements that impact operations with geofencing for better asset management.

Easy to deploy

Install in as little as one minute per asset. Minimal upkeep requirements thanks to its solar-powered battery and over-the-air updates.

Durable

The CT 1000 is designed with a rugged enclosure and is IP67, IP69K and ATEX Zone 2 rated to handle harsh environments.

Stay connected virtually anywhere

ORBCOMM's global IoT SIM delivers connectivity on 565 networks across 180 countries to support trailer and intermodal containers—no matter where they roam.

Solar powered

Current and historical location reporting

Easy to install, scale and maintain

Rugged: IP67, IP69K and ATEX Zone 2 rated

Global 4G LTE coverage and 3G/2G fallback

Specifications

Cellular Technology

- Global 4G LTE coverage and 3G/2G fallback

Dimensions:

- 7.76 x 2.0 x 2.0 inches
- 197 x 50.8 x 50.8 mm
- Plastic material: Polycarbonate
- Color: white

SIM Type

- Solderable SIM

Communication Protocols

- TCP, FTP

Constellations Supported

- GPS, GLONASS, BeiDou, Galileo, QZSS

Wireless

- Cellular and BLE

Accelerometer

- 3-axis digital accelerometer with motion detection

Environmental

- Operating temperature: -20°C to +70°C
- IEC 60529
- Vibration: AAR S-9401, rail car body mounted; MIL-STD-810H
- Mechanical shock: MIL-STD-810H (Method 516.6)

Ingress

- IP69K
- IP67

Battery

- Charge temperature: -20°C to 50°C
- Discharge temperature: -20°C to 70°C
- Storage temperature: -40°C to 85°C at relative humidity 65 +/-20%

Sensors

- Standard: GPS, ambient temperature

Antenna

Built-in cellular antenna, GPS/GNSS antenna, BLE antenna

Flammability

- Enclosure: UL 94 5VA

Certifications

- FCC/IC
- PTCRB
- CE RED 2014/53/EU
- ROHS
- ATEX
- WEEE
- Global Access Approval: Australia/ New Zealand, Brazil, China, Japan, South Korea, South Africa, UKCA, etc.

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.