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 asset 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.