

GT 1100

Solar-powered, hassle-free asset tracking

Complete visibility and control of fixed and mobile assets with little maintenance and no battery changes



The GT 1100 enables complete visibility and control of fixed and mobile assets. As part of a comprehensive solution that includes sensor technology, powerful web and mobile applications and reliable cellular and satellite connectivity options, the GT 1100 helps businesses optimize operational efficiencies and reduce costs. Available as a cellular or dual-mode satellite-cellular version.

ORBCOMM's GT 1100 is powered by solar rechargeable batteries for low power consumption and long service life in the field. The device operates autonomously and requires minimum maintenance and no battery changes.

Built to last

The solar-powered GT 1100 features a compact, low-profile enclosure for easy installation and operation. The device is built to withstand extreme temperatures, water, dust, shock and vibration, and requires little sun exposure for continuous operation.

Low cost of ownership

ORBCOMM's GT 1100 delivers outstanding value to companies looking to track assets—more pings a day for less, uninterrupted reporting and lower maintenance and operational costs over time.

Flexible communications

The GT 1100 communications platform allows you to build your messaging schedule around your business without any message restrictions. Transmit as often as required without any extra costs for added flexibility and greater visibility and utilization.

A comprehensive solution

The GT 1100 solution delivers real-time alerts on asset status, location, history, as well as arrival and departure. Advanced reporting and analytics make it possible for fleet operators to gain complete visibility of their operation and streamline processes—improve asset utilization, automate inventory management, minimize theft and more.

Solar-powered

Long service life with no battery changes

Compact, low profile and easy to install

Rugged enclosure

Low cost of ownership

Part of a comprehensive solution



Mechanical

- 114.3mm x 337.8mm x 25.4mm

Electrical

- Input voltage: 9 VDC to 12 VDC
- Input current
 - » Transmit mode: 1.6 A
 - » GPS on: 35 mA
 - » Receive mode: 70 mA
 - » Sleep mode, standby: 10 µA
 - » Sleep mode, deep: 3 µA
- Load dump protected

Certification

- FCC: CFR 47, Part 25 and 15
- CE: EN 301 721, EN301 489-20, EN300 832
- Industry Canada
- ANATEL
- PTCRB
- RoHS

Vibration

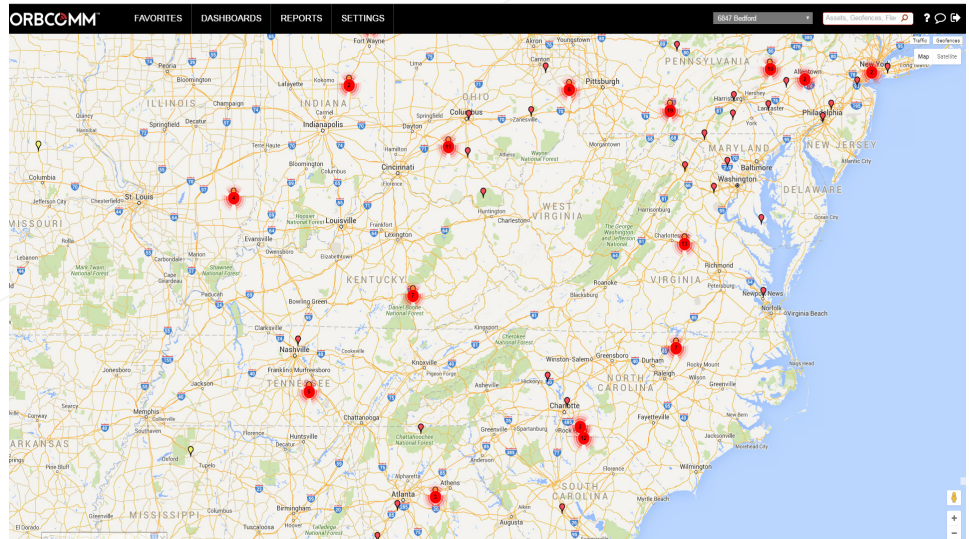
- MIL-STD-810E, tracked vehicle and aircraft
- EN 300 721 (IEC Pub. 68-2-36)
- SAE J1455, cab mounted & transverse axis radiated

Environmental

- Operating: -40C to +70C
- Storage: -50C to +85C
- IP67 Rated

External Interfaces (Vary by model)

- Interfaces: 16b A/D (4), CAN (1), GPIO (4), serial (1) RS-232, (1) RS-485, USB (1)
- GPS: Rapid TTF via ORBCOMM-provided ephemeris
- SAE J1455 off-road compliant
- Accelerometer: 3 axis



GT 1100 delivers real-time asset location through the CargoWatch application

Communications

- Cellular communication
 - HSPA
 - CDMA
 - GPRS
- Satellite communication
 - Two-way global, ORBCOMM

Battery

- Lithium-ion cell
- Capacity: 5300 mAh
- Life expectancy without recharging: 45 days at 15-min reporting. One hour of sunlight provides 50 additional messages.

CALL: 1.800.ORBCOMM EMAIL: SALES@ORBCOMM.COM VISIT: WWW.ORBCOMM.COM

ORBCOMM Inc. (Nasdaq: ORBC) is a leading global provider of Machine-to-Machine (M2M) communication solutions and the only commercial satellite network dedicated to M2M. ORBCOMM's unique combination of global satellite, cellular and dual-mode network connectivity, hardware, web reporting applications and software is the M2M industry's most complete service offering. Our solutions are designed to remotely track, monitor, and control fixed and mobile assets in core vertical markets including transportation & distribution, heavy equipment, industrial fixed assets, oil & gas, maritime and government. © ORBCOMM 2016. All Rights Reserved. R090716A