



GT 1210

Next-generation, all-in-one solar-powered tracking device with integrated cargo sensor.

ORBCOMM's next-generation, all-in-one GT 1210 delivers unprecedented value and return on your investment by combining advanced asset tracking capabilities with integrated cargo sensors to provide quicker installation and better reliability with a longer-lasting solar-powered battery. Gain uninterrupted visibility of dry trailers, intermodal containers and cargo to improve asset utilization, cargo security, driver efficiency and shipment delivery.

The latest from the industry leader

The GT 1210 combines the strengths of our award-winning GT 1100 along with years of experience delivering telematics solutions to the transportation industry. The device features highly improved solar charging capabilities, global LTE with fallback to multi-band 3G and 2G networks if 4G isn't available, and a global sim card that allows devices to switch networks seamlessly and cost-efficiently between geographies. The device is also available with a satellite accessory, providing backup satellite connectivity for increased reliability and improved asset visibility. Supports BLE sensors, wired door sensor, TPMS alert light and temperature probes.

Advanced solar technology

A new solar panel utilizes the latest technology to deliver longer-lasting battery life and charging capabilities up to 20 times faster than the GT 1100, making recharging possible even in indirect light, on overcast days and in high Northern

Advanced solar charging technology

Global SIM card and 4G LTE coverage

Installs on either vertical or horizontal corrugations

Support for BLE wireless door sensor, wired door sensor, TPMS alert light and temperature probes

Quicker and easier field installations

Optional satellite connectivity

latitudes. Shipped fully charged, the GT1210 holds its charge and will continue to deliver multiple daily messages for at least 6 months without access to sunlight, allowing for storage before installation. Even in limited light, this device can deliver multiple messages per hour without failure.

Flexible

ORBCOMM's GT 1210 is available as a turnkey solution that includes a customizable application with powerful reports, dynamic dashboards, advanced analytics, two-way commands and more. Alternatively, customers can

easily integrate data feeds into third-party Transportation Management Systems and proprietary enterprise applications via APIs.

Simplified installation

The GT 1210 can be easily and quickly installed on all types of transportation assets, including those with narrow vertical or horizontal corrugations. ORBCOMM's Field Support Tool mobile app can be used to easily configure devices and sensors and enable troubleshooting in the field.

Specifications

Dimensions

- 15 X 3.7 X 1 inches
- 381 X 94 X 25.4 mm
- With 16-pin connector:
 - ▶ 16.3 X 3.7 X 1 inches
 - ▶ 414 X 94 X 25.4 mm

Integrated cargo sensor

- Ultrasonic sensor (6" to >53' range)
- Infrared sensor (short range)

Connectivity

- Internal cellular antenna
 - ▶ Global 4G LTE coverage
 - ▶ 3G/2G where 4G not available
- Optional satellite connectivity available with satellite accessory

Positioning

- High performance multi-constellation

Electrical

- Input voltage: 9 to 32V

Environmental

- Operating (battery) -40°C to +70°C
- IP67-rated
- SAE J1455-rated

Internal sensors

- ±16g accelerometer (motion/impact)
- Ambient temperature

Bluetooth Low Energy (BLE)

- BLE wireless sensor support
- Dual-integrated BLE antennas

Mechanical vibration and shock

- Vibration: AAR S-9401, Rail car body mounted
- Shock: MIL-STD-810G, Ground material

External interfaces

- 4 multipurpose I/Os
 - ▶ Wired door sensor
 - ▶ TPMS alert light
 - ▶ Temperature probes
- 2 analog inputs
 - ▶ 0 to 12V range
- Primary serial: RS232

Certifications

- Regulatory: PTCRB, FCC, IC, CE, Anatel
- Other: IP67



The underside of the GT 1210, with integrated cargo sensor and tamper detection seal.

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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ORBCOMM is a global leader in industrial IoT, delivering visibility, intelligence and efficiency to the world's most critical operations. With 30 years of innovation and more than 2.4 million connected devices, we transform data into actionable insights, driving greater efficiency, safety, resilience and sustainability. Serving customers that include the world's largest shipping lines, over-the-road trucking fleets, cold-chain transportation fleets and a global network of IoT solution provider partners, ORBCOMM is where IoT powers asset intelligence.