

GT 1200

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

Advanced technology for ease and reliability in transport asset tracking.



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 utilisation, 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 leverages 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 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 customisable 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.

Advanced solar charging technology

Global 4G LTE coverage

Global SIM card

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



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 is 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.

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ORBCOMM is a global leader and innovator in the industrial Internet of Things, providing solutions that connect businesses to their assets to deliver increased visibility and operational efficiency. The company offers a broad set of asset monitoring and control solutions, including seamless satellite and cellular connectivity, unique hardware and powerful applications, all backed by end-to-end customer support, from installation to deployment to customer care. ORBCOMM has a diverse customer base including premier OEMs, solutions customers and channel partners spanning transportation, supply chain, warehousing and inventory, heavy equipment, maritime, natural resources, and government. For more information, visit www.orbcomm.com.