



GT 1220

Solar-powered tracking for dry trailers, containers and other transport assets.

Enhance dry trailer and container tracking by using smart asset tracking technology to deliver higher levels of quality and reliability. Achieve stronger ROI through complete visibility of trailers and containers, improved asset utilization and driver productivity, streamlined operations, expedited cargo delivery and more, virtually anywhere in the world. GT 1220 is a variant of GT 12 GL LTE4.

Reliable location reporting

The GT 1220 allows for uninterrupted visibility of trailers and containers as they move along the supply chain. Reporting into a powerful back-end platform, the device provides precise asset location at regular intervals while on trips or dormant in yards, as well as when an asset begins or ends a move. It also features global LTE with fall-back to multi-band 3G and 2G networks if 4G isn't available. Optional satellite backup connectivity is available for increased reliability and improved asset visibility. Supports wireless door sensor and wired cargo camera sensor.

Simplified installation

The GT 1220 can be easily and quickly installed on all types of transportation assets, including those with narrow vertical or horizontal corrugations. VIACHAIN's Field Support Tool mobile app simplifies the installation and configuration of the device with sensors and facilitates troubleshooting in the field.

Advanced solar charging technology

Global 4G LTE coverage

Installs on either vertical or horizontal corrugations

Quicker and easier field installations

Supports wireless door sensor and wired cargo camera sensor

Optional satellite connectivity

Advanced solar technology

A solar panel leverages the latest technology to deliver long-lasting battery life and fast charging capabilities. The battery duration varies depending on device usage, weather and lighting conditions. Shipped fully charged, the GT 1220 holds its charge for at least 6 months, allowing for storage before installation. In limited light, this device can deliver multiple messages per hour without failure.

Flexible

VIACHAIN's GT 1220 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.

Specifications

Dimensions

- 16.365 X 3.619 X 1 inches
- 415.7 X 91.9 X 25.3 mm
- With 16-pin connector:
 - ▶ 17.03 X 3.619 X 1 inches
 - ▶ 432.6 X 91.9 X 25.3 mm

Connectivity

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

Bluetooth Low Energy (BLE)

- BLE wireless sensor support
- Dual-integrated BLE antennas

Electrical

- Input voltage: 9 to 32V

Product variants

- Global variant:
 - ▶ Model number: GT12 GL LTE4
- North America variant:
 - ▶ Model number: GT12 LTE1 GL

Environmental

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

Mechanical vibration and shock

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

Certifications

- Regulatory: FCC, IC
- Other: IP67

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.viachain.io to ensure you have the latest version of these specifications.

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VIACHAIN, an ORBCOMM company, is a global leader in IoT solutions that deliver enhanced sustainability, cargo safety and operational reliability for logistics providers, trucking fleets and the world's largest shipping lines. Our pioneering technology transforms intermodal containers and trailers into smart assets to optimize efficiency and reduce risk. Providing real-time visibility and insights into location, condition, safety and route performance, our solutions enable fast reactions to disruptions. With more than 1.6 million connected assets, VIACHAIN is where IoT powers smart supply chains.