

# GT 1220

**Next-generation solarpowered tracking for dry trailers, containers and other transport assets.**

*Advanced technology for ease and reliability in transport asset tracking.*

**The GT 1220 enhances dry trailer and container tracking solution by using smart asset tracking technology to deliver higher levels of quality and reliability at an unprecedented value to customers. 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.**



## **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. The device is also available with a satellite accessory, providing backup satellite connectivity for increased reliability and improved asset visibility. Supports wired cargo camera sensor or tractor ID sensors, wireless door sensor and TPMS alert light.

## **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**

ORBCOMM'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.

## **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. ORBCOMM'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
- Support for wired camera cargo sensor or tractor ID sensors, wireless door sensor and TPMS alert light
- Optional satellite connectivity

## 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 with satellite accessory

## Electrical

Input voltage: 9 to 32V

## Environmental

Operating (battery) -40°C to +70°C

IP67-rated

SAE J1455-rated

## 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

## Certifications

Regulatory: FCC, IC

Other: IP67

