GT 1030

Global cellular-based telematics for fixed and mobile transport assets.

Complete visibility of transportation assets, chassis, flatbeds and more.

The GT 1030 is a rugged, compact and versatile telematics device designed to help fleets track and monitor a wide range of transport assets, including chassis, flatbeds, trucks and more. With enhanced global connectivity, support for wired and wireless sensors, 7-way connection to the asset, a longer-lasting battery and more, the device builds upon the power and flexibility of its predecessor to support multiple transportation applications and provides actionable data such as in-route location updates, route history, arrival and departure notifications, and more to ensure complete visibility, informed business planning, on-time deliveries, accurate ETAs, optimized inventory management, improved asset utilization, minimized theft and better customer service.

Intelligent reporting

The GT 1030 features GPS technology for precise location reporting and geofencing capabilities for tracking when assets enter or exit specified regions, such as customer yards. The device also optimizes power and airtime usage by adjusting the frequency of location updates based on vehicle motion to prolong battery life and minimize costs when assets are not in transit.

Global communications

With Global LTE and fallback to multi-band 3G/2G networks, the GT 1030 provides more reliability and faster connectivity than ever before. The global SIM card allows devices to switch networks seamlessly and cost-efficiently between geographies for assets travelling far distances. Global certifications and type approvals meet the needs of international operators.

More connectivity

A 7-way connector cable allows for a direct, wired connection to the asset, while multiple inputs and outputs make it easy to support a variety of applications and peripherals. Bluetooth and BLE functionality allows for the use of wireless sensors to support any visibility, usage, productivity or safety application.

Enhanced global coverage

Wireless sensor support

Simplified machine data access

Long-lasting backup battery

Quick and easy installation

Compact and IP67 rugged

Quick and discrete installation

Integrated cellular and GPS antennas make the GT 1030 quick and easy to install and remove, with mounting options with VHB tape or screws. Compact yet robust, it supports covert installations in small spaces to deter theft and tampering. A field-installable connector makes it easier to procure cables locally.

Built to withstand extreme conditions

The ruggedized GT 1030 with IP67 rating is designed to operate under extreme environmental conditions, with resistance to dust, water, shock and vibration. The longer-lasting backup battery enables reporting for up to 10 months without external power, depending on reporting frequency.

Flexible and versatile

The GT 1030 is available as a turnkey solution with the ORBCOMM platform, with APIs available for easy integration into proprietary or third-party applications.

Cellular Communication

- Global 4G LTE with 3G/2G fallback
  - » *Global LTE: Cat 4 (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 18, 19, 20, 25, 26, 28, 38, 39, 40, 41)*
  - » *3G: 850, 900, 1900, 2100 MHz*
  - » *2G: Quad Band (850, 900, 1800, 1900 MHz)*
- Integrated cellular/GNSS antennas

GNSS

- Systems: GPS, Glonass, BeiDou, Gallileo
- Augmentation: SBAS, QZSS

Certifications

- PTCRB
- FCC
- IC
- CE
- HERO
- Anatel
- Argentina, Australia, Mexico, Chile, Japan, New Zealand
- Others by request

Electrical

- Input voltage: 9 to 32V DC
- Protection: load dump, reverse polarity
- Internal 19.0 Wh backup battery: up to 10 months, 2 messages per day

Dimensions

- 4.55 x 3.50 x 1.55 inches
- 116 x 89 x 39 mm

Interfaces

- 2 digital inputs, 1 GPIO and 1 analog
- RS-232 diagnostic port
- RS-485
- Bluetooth Low Energy (BLE)
- 1 switched 12v power output for sensors

Connectors

- Chogori, Standard Series, 12-pin

Environmental

- Operating temperature
  - » *External power: -40°C to +85°C*
  - » *Battery: -30°C to +60°C*
- Dust and water ingress: IP67
- Vibration: SAE J1455, MIL-STD-810F
- Shock: MIL-STD-810G

Accelerometer

- 3-axis accelerometer

Device (Re)Configuration

- Remote firmware updates via cellular or RS-232 diagnostic port
- Remote device configuration updates via cellular

Accessories

- Field-installable connector
- VHB bracket
- Door sensor
- Temperature sensor

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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