



4G Global Transparent Gateway

Connectivity for non-communication devices

The 4G Global Transparent Gateway is a low-cost device that can be used in conjunction with our Euroscan cold chain monitoring solutions for fleets, and acts as a central hub, passing through the data collected by our main devices (TX3, RX3, MX2) in real time with our servers. This provides a connectivity layer to our non-communication devices and offers a cost-efficient upgrade to our 3G Euroscan devices, like the MX2 or our connected TX3.

- Its pass-through configuration acts as a bridge of communication between our devices and servers, utilizing their native USP protocol to enable advanced remote configurations.
- The device's capacities enable non-communication devices to include GPS positioning into their reported messages to the server. This adds useful information to complement the recorded temperature data.
- Its integration with the Euroscan devices, which have a variety of sensors and port capacities, enable our customers to utilize their legacy devices to obtain key trailer information like reefer data, EBS, TPMS, door sensors, security systems and more.
- Its rugged IP67-certified casing permits the device to be installed both inside and outside the trailer box of our TX3 dataloggers to cover both factory-fit requirements and retrofitting installations.
- The LTE CAT1 modem provides excellent network coverage across the globe.
- Its BLE capabilities allow for easy on-site configuration and data extraction.

CAT 1 4G LTE

IP67 waterproof

BLE 5.2

Multiple I/O connections

RS232 port

DC 9-90V

Up to 10,000 buffer messages

Jamming detection

Specifications

Operating voltage

- 9 ~ 90V DC

Dimensions

- 95(L) × 52(W) × 18.3(H) mm

Power

- Vehicle battery drain prevention when ignition is off.
Typical<0.7mA@12V

Weight

- 141.5 g (4.99 oz)

Certifications and compliance

- CE

Region

- Global

Environmental

- Operating temperature:
-30°C~+70°C (-40°C ~ +80°C for storage)
- Waterproof IP67

Compatibility

- RX3
- TX3
- MX2

External interfaces

- 10 general purpose I/Os
- 1 RS232

Communications

- Operating band:
LTE Cat 1 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28
- Data transmission:
LTE-FDD:Max 150Mbps(DL)/Max 50Mbps(UL)

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.

For more on our solutions or to book a demo, email us: sales@viachain.io

Visit our website www.viachain.io

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.