

InVehicle G710

Vehicle LTE Gateway

The VG710 is a powerful vehicle LTE gateway that provides comprehensive real-time communications for data-demanding mobile scenarios, such as first responder operations, heavy equipment monitoring and special transport tracking.



Police Car

High-bandwidth LTE Cat-6 connectivity, Gigabit Wi-Fi, VPN and data security.

School Bus

Driver behavior monitoring, IP camera monitoring, dual-band Gigabit Wi-Fi.

Hazardous Materials

Geofence and real-time tracking of vehicle and cargo status.

Fire Truck

Edge computing-based fast route adjustment, supply depletion alert and more.

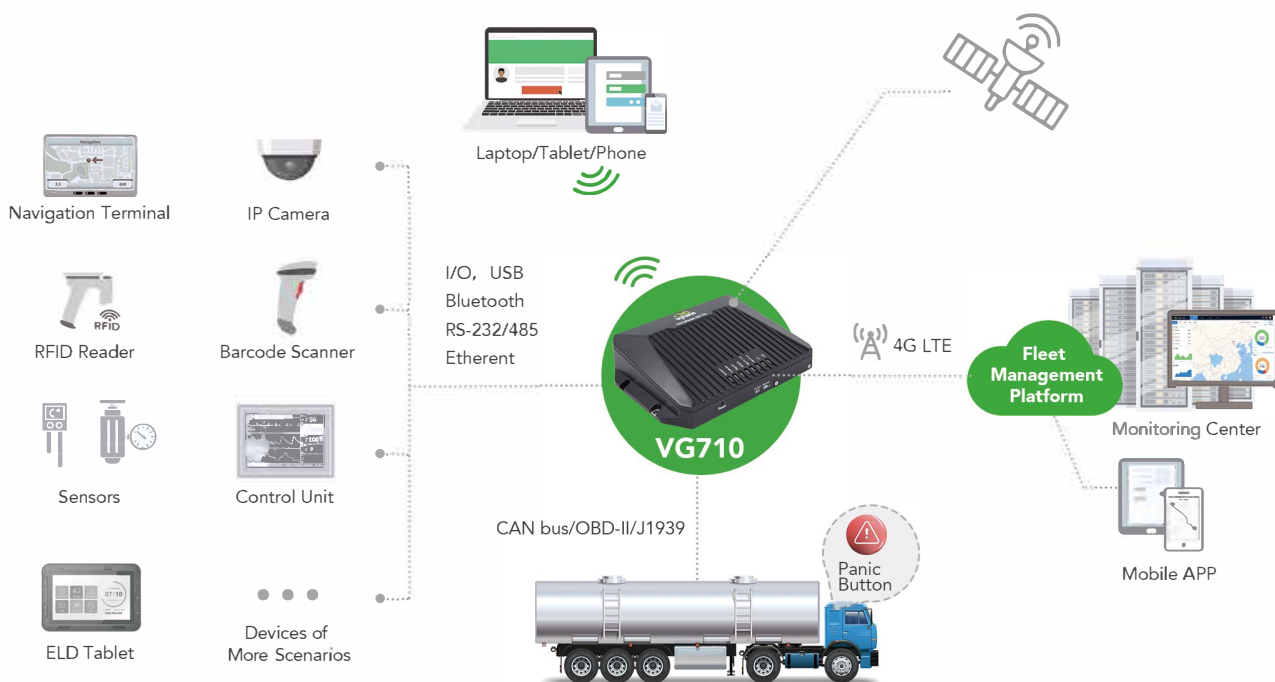
Ambulance

On-board communication hub, streamline ambulance to hospital operations.

Heavy Equipment

Real-time monitoring and control, preventive maintenance of the equipment.

Networking Scheme



Vehicle Area Network (VAN)

Features

High Performance Vehicle Area Network

- + High-speed LTE Cat 6 connectivity; dual SIM failover
- + 2.4G/5GHz Gigabit Wi-Fi
- + Extensive I/O, Bluetooth, USB, RS-232/485, Gigabit Ethernet

Custom Applications

- + Integrated Python SDK and Docker
- + Edge computing
- + High-performance ARM Cortex A CPU, 512MB RAM, 8GB flash plus MicroSD expansion up to 32GB
- + MS Azure and AWS cloud ready

Smart Fleet Management

- + 72 channel high-accuracy GNSS positioning: GPS, GLONASS, Galileo and Beidou
- + CAN bus (OBD-II, J1939, etc.) for vehicle diagnostics
- + Built-in accelerometer and gyroscope
- + Supports fleet management platforms

Data Security On the Road

- + Comprehensive and strong security protection: VPN, HTTP/SSH protocols and firewalls



VG710

CE FC

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