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.

Hazardous Materials

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

Ambulance

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

School Bus

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

Fire Truck

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

Heavy Equipment

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

Networking Scheme

Navigation Terminal

IP Camera

RFID Reader

Barcode Scanner

Sensors

Control Unit

ELD Tablet

Devices of More Scenarios

Laptop/Tablet/Phone

I/O, USB
Bluetooth
RS-232/485
Etherent

VG710

4G LTE

Fleet Management Platform

Monitoring Center

Mobile APP

CAN bus/OBD-II/J1939

Panic Button
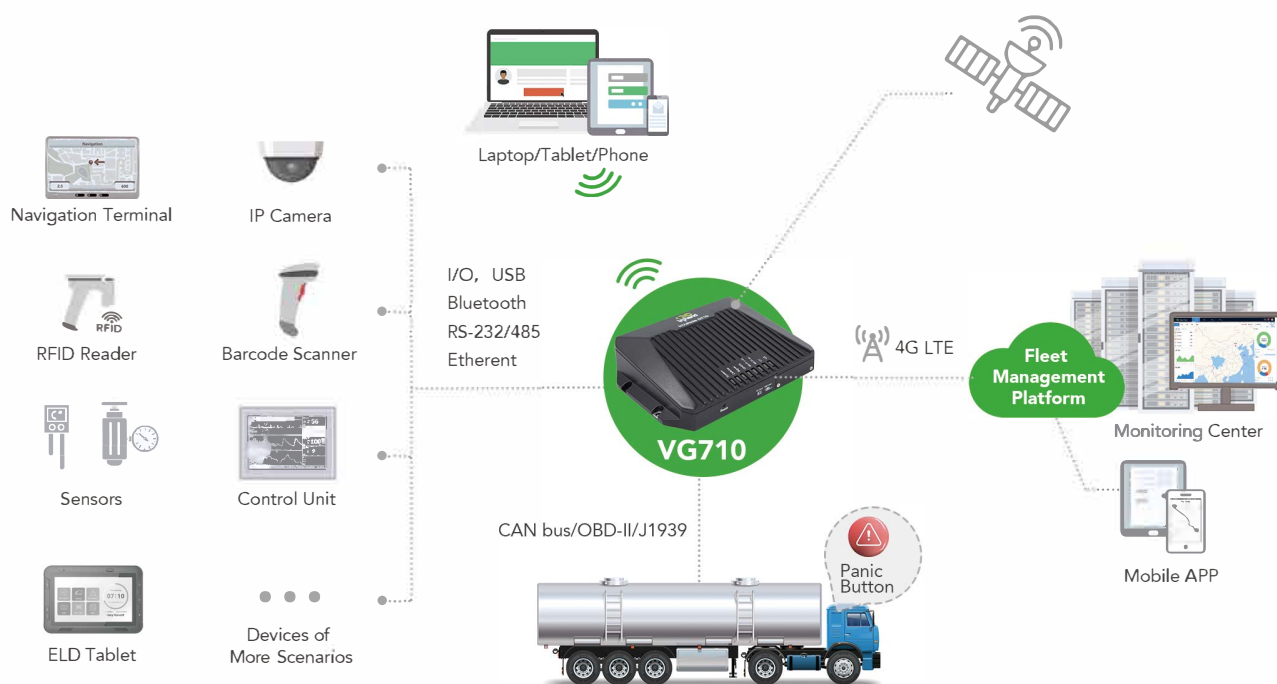
Vehicle Area Network (VAN)

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