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

![Diagram of 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

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