

# H3380

## Dual Mode 5G Vehicle Gateway



6×serial ports &  
8×network ports



Industrial design

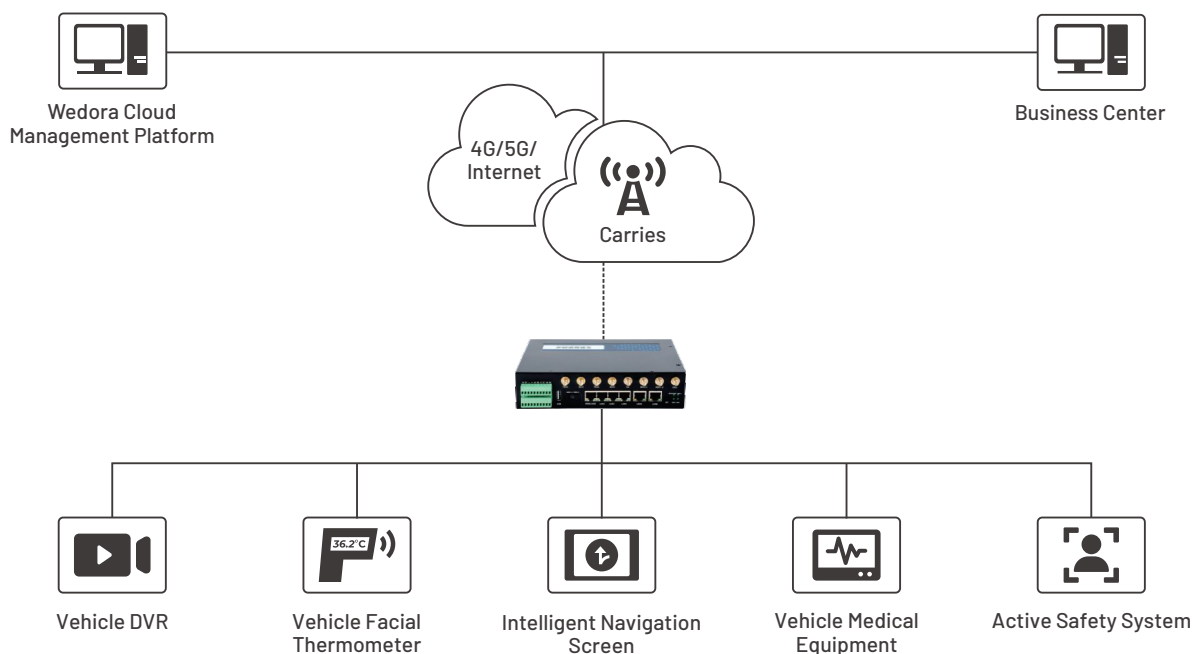


5GLAN dual transmitting  
and receiving

### ■ Highlights

- Support 5G Sub6, 5GLAN, RedCap
- Support 6×RS485, 2×RS232, 1×USB
- Support mainstream communication protocols such as Modbus TCP/RTU, MQTT, etc.
- Support mainstream industrial protocols such as OPC, DLT645, DNP3.0, etc.
- Widely used in vehicles and industrial sites

### ■ Topology Diagram



## Application Scenario



5G Smart Ambulance



5G Smart Environmental Sanitation Vehicle



5G Smart Logistics Vehicle



5G Smart Bus

## Features



### Smart Dialing

- Support 5G Sub6, 5G LAN, Redcap, URLLC
- Support 5G multi-DNN dialing and network slicing
- Support dual-mode, 5G dual transmitting and receiving, hot backup



### Protocol Support

- Support Modbus TCP/RTU, MQTT and other mainstream communication protocols
- Support OPC, DLT645, DNP3.0 and other main stream industrial protocols
- Compatible with Siemens, Omron, Panasonic, Mitsubishi and other mainstream PLC



### VPN

- Support L2TP/PPTP/GRE/IP/IPSec and other VPN protocols
- Support OPEN VPN protocol



### Security Management

- Support NAT firewall
- Support SSH secure login
- Support IP, MAC, domain name, port security filtering



### Remote Management

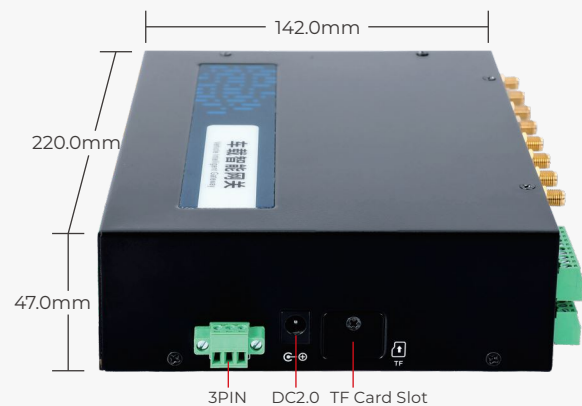
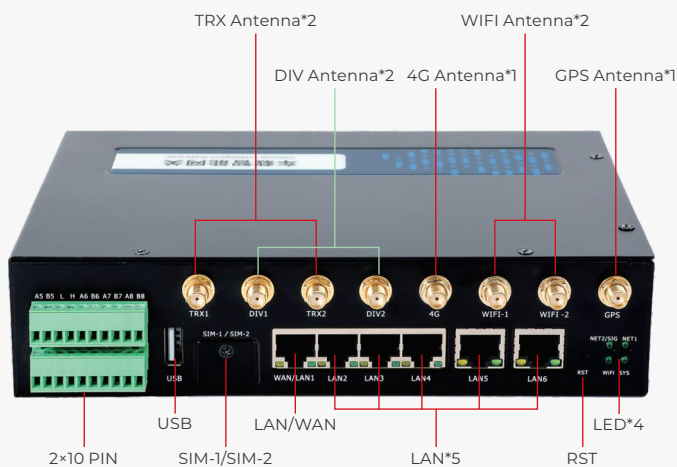
- Support Hongdian Wedora Cloud management
- Support Hongdian iScan platform to manage cameras



### Penetration Management

- Support penetration managing the lower machine through Hongdian Wedora Cloud Platform
- Support managing networks, no need VPN networking
- Support automatic networking of PLC

## Appearance



## Specification

Network	5G+4G dual mode or dual 5G hot backup
<b>Interface</b>	
Antenna	4×5G antenna interfaces (compatible with 4G, SMA-K connectors)
SIM	2×SIM card slots (1.8V/3.0V)
Ethernet	LAN: 5×10/1000Mbps (self-adaptive) WAN/LAN: 1×10/1000Mbps (self-adaptive)
USB	1×USB2.0 (extended data storage, WIFI)
20 PIN	6×RS485: 300~115200bps (optional) 2×RS232: 300~115200bps (optional) 1×CAN (customized)
Button	1×RESET button (press and hold for 5+ seconds to restore factory settings)
External Storage	1×TF Card Slot (customized)
<b>Power Supply</b>	
Operating voltage	+9V~+48V DC (with anti-reverse connection function)
<b>Working Power Consumption</b>	
Operating voltage	Idle state: about 600mA@14V DC (no data transceiver) Typical values: about 900mA@24V D (Cnetworked transceiver data) Maximum power consumption: about 1200mA@12V DC
<b>Other</b>	
Weight	About 900g (Single mode)
Size	220.0×142.0×47.0mm (without power supply, antenna interface and bracket)
Operating temperature	-30°C~+75°C
Storage temperature	-40°C~+85°C
Relative humidity	< 95% (no condensation)