# WR201LG

High performance and secure dual SIM LTE & Wi-Fi router with GNSS, I/Os, RS232 and RS485 for various industrial use scenarios.

- Industrial Design
- 4G LTE Cat 4
- Reliable Connectivity with Dual SIM
- IEEE 802.11 b/g/n/ac, 2.4/5 GHz
- VPN Secure Connection
- 4 Ethernet Interfaces (1 WAN, 3 LAN)
- RS232 and RS485 Serial Port, 10 PIN I/O
- GNSS Location
- Smart field upgrade with TF card
- External storage



The WR201LG is Queclink's advanced industrial router. Compared with Queclink basic industrial router series, it provides faster transmission rate and allows more devices connection. With high-speed cellular connectivity up to 150Mbps (LTE CAT 4) and multiple serial port interfaces, WR201LG provides a platform for data-intensive IoT applications such as industrial automation, smart city, transportation and retail. With Queclink's unique technology, the product can be installed in vehicles and used alongside our existing range of tracking products to offer a reliable connectivity environment.


Vending Machine


Enterprise Network Backup


ATM


Bus Wi-fi Sharing

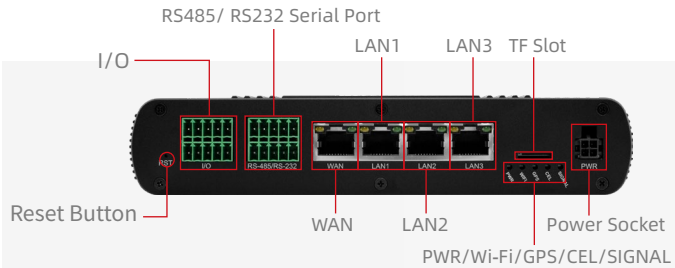

Charging Station


IP Camera Monitoring

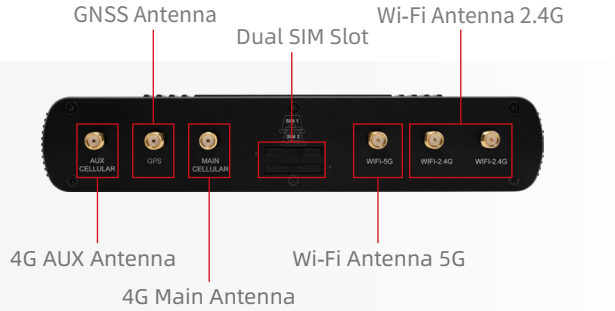
# WR201LG

| Region | Network/Operating Band | Wi-Fi | Ethernet |
|---|---|---|---|
| Global | **LTE Cat 4:**<br>LTE FDD: B1/B2/B3/B4/B5/B7/B8/ B12/B13/B18/ B19/B20/B25/B26/B28<br>LTE TDD: B38/B39/B40/B41<br>**UMTS:** B1/B2/B4/B5/B6/B8/B19<br>**GSM:** B2/B3/B5/B8 | IEEE 802.11 b/g/n/ac, 2.4/5 GHz | 1 x FE (WAN)<br>3 x FE (LAN) |

## Front View




## Rear View




## Hardware

| | |
|---|---|
| Dimensions | 180 mm x 130 mm x 34 mm (W x D x H ) (Excluding antenna connectors and mounting bracket) |
| Weight | 621g |
| Operating Voltage | 8V ~ 32V DC |
| Operating Temperature | -30°C ~ + 75°C<br>-40°C ~ + 85°C for storage |
| Ethernet Ports | 1 x FE WAN Port<br>3 x FE LAN Port |
| Mobile | 4G LTE Cat 4, 3G, 2G |
| Wi-Fi | IEEE 802.11 b/g/n/ac, 2.4/5 GHz |
| RS232 Serial Port | 1 |
| RS485 Serial Port | 3 (Half Duplex) |
| TF Slot | 1 |
| SIM Slots | 2 |
| Mobile Antennas | 2 x SMA |
| Wi-Fi Antennas | 3 x RP-SMA |
| GNSS Antenna | 1 x SMA |
| Power Sockets | 4 Pin<br>Power, 1 digital input, 1 digital output |
| Inputs/Outputs | 10 Pin |
| LED Indicators | Power, Wi-Fi, GPS, Mobile Status, Mobile Signal Strength<br>2 x WAN, 6 x LAN |
| Reset Button | 1 |

## Software

| | |
|---|---|
| Operating System | Linux based OpenWrt OS |
| Alternative Link | Mobile, Wired, Wi-Fi. Primary and backup link configured as requirement, auto load balance. |
| Network Features | NAT, Static/Dynamic routing(Rip Protocol), Firewall |
| Connection Monitoring | Ping Reboot, Scheduled Reboot |
| Remote Management | WEB UI, SSH, SMS, FOTA |