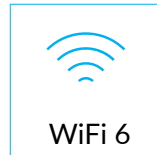
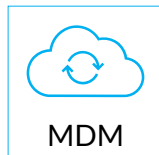
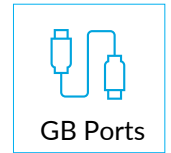
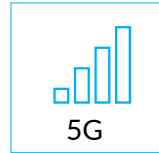


Powerful Performance for the next generation of wireless connectivity



Experience the RC500, your gateway to next generation business connectivity. From basic to advanced requirements, the RC500 empowers you to scale effortlessly while delivering unparalleled bandwidth, ultra-low latency, and improved communications. The RC500 is a feature-rich platform tailored for enterprise level connectivity with lightning-fast speeds.

How it Works

Use Case

Healthcare

Online Streaming

Retail

Smart Cities



Cloud MDM

Management

Rules, Alerts

Reports, Analytics

Location, Security

Valuable

Rugged Design
Cost-effective
Multi-Carrier Support

Secure

Firewall, VPN, VLAN,
WPA3, Unique Auth
Key

Practical

Simple Setup
Remotely Managed
Scalable Features

Cellular Frequency Band	<ul style="list-style-type: none"> 5G NR NSA n1/ 2/ 3/ 5/ 7/ 8/ 12/ 13/ 14/ 18/ 20/ 25/ 26/ 28/ 29/ 30/ 38/ 40/ 41/ 48/ 66/ 70/ 71/ 75/ 76/ 77/ 78/ 79 5G NR SA n1/ 2/ 3/ 5/ 7/ 8/ 12/ 13/ 14/ 18/ 20/ 25/ 26/ 28/ 29/ 30/ 38/ 40/ 41/ 48/ 66/ 70/ 71/ 75/ 76/ 77/ 78/ 79 LTE-FDD B1/ 2/ 3/ 4/ 5/ 7/ 8/ 12/ 13/ 14/ 17/ 18/ 19/ 20/ 25/ 26/ 28/ 29/ 30/ 32/ 66/ 71 LTE-TDD B34/ 38/ 39/ 40/ 41/ 42/ 43/ 48 LAA B46 UMTS WCDMA B1/ 2/ 4/ 5/ 8/ 19 GNSS GPS/ GLONASS/ BDS/ Galileo
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Cellular Features	<ul style="list-style-type: none"> Supports NSA and SA modes Multi-constellation GNSS receiver Qualcomm's SDX62 platform 3GPP Release 16 specification Enhanced features such as ultra-high bandwidth, millisecond-level latency, 5G network slicing and ultra-reliability. 5G SA Sub-6 DL 2.4 Gbps; UL 900 Mbps 5G NSA Sub-6 DL 3.4 Gbps; UL 550 Mbps LTE DL 1.6 Gbps; UL 200 Mbps WCDMA DL 42 Mbps; UL 5.76 Mbps
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Global Support	<ul style="list-style-type: none"> Covers nearly all the mainstream carriers worldwide with 5G and LTE-A coverage
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Key Features	<ul style="list-style-type: none"> 1.3GHz Dual-core CPU 4x1GB LAN Ethernet ports 1GB WAN Ethernet port for failover and fallback feature Enterprise remote management service 5G NR compact high performance Ultra Wide band external cellular antenna WiFi 6 (802.11ax) Peak speed up to 3000Mbps 2.4GHz and 5.8GHz Optional Built-In GPS location service Optional USB to RS485, GPIOs USB 3.0
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WiFi	<ul style="list-style-type: none"> MIMO Configuration: 2x2 (2-stream) Wi-Fi Security: WPA,WPA2, WPA3 Peak Speed: 3000Mbps Wi-Fi Spectral Bands: 2.4 GHz, 5 GHz 802.11ax /802.11ac /802.11n/802.11g/802.11a/802.11b
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Power Adapter	<ul style="list-style-type: none"> Input AC100 ~240V Output 12v, 3A DC 5.5x2.1MM
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LEDs	<ul style="list-style-type: none"> Power Cellular Internet
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Environmental	<ul style="list-style-type: none"> Operation Temperature -30°C to +75°C (-31°F~167°F) Extended Temperature -40°C to 85°C (-40°F~176°F) Relative Humidity ≤90%, non-condensation
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Interface	<ul style="list-style-type: none"> USB 3.0 port 4 x LAN 1GB Ethernet RJ-45 ports 1 x WAN 1GB Ethernet RJ-45 ports 4x SMA Cellular Connector 4 x SMA WiFi Connector Nano SIM Card
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Package Content	<ul style="list-style-type: none"> 5G Router (RC500) Power adapter 4x Dual Band WiFi Antenna 4x 5G Cellular Antenna 1x Ethernet Cable
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Network

- Dual WAN | LAN DHCP config
- Auto APN Cellular Connectivity
- Cellular Network Priority | Network Band Lock Option
- Router Operations Mode | AP, LAN Repeater, Client
- Router Wireless Repeater Mode | Static Lease
- LAN Ethernet Port Enable/Disable

Firewall

- Allow whitelist/blocklist IP
- IPsec | OpenVPN | SafeDNS
- Port Forward
- IDS Threat detect and prevent | Traffic monitoring
- Block geographic location
- Captive Portal
- VLAN | Schedule Internet Access

Wi-Fi Wireless

- Wi-Fi 6 Dual Radio | 2.4GHz & 5GHz Radio
- Enable/Disable Broadcast SSID
- Radio Transmission Power Adjustment (3 stage)
- WPA3 | Isolate Clients
- Restrict Number of Connected Client Devices
- Guest WiFi | WiFi MAC Filtering

Apps

- Global DNS
- Rebind Protection | Rebind Localhost
- MQTT | MODBUS TCP
- Siemens S7 Client
- PCAP | GPS

QikCell | RC500



All specifications are subject to change without notice.



Outdoor Antenna

5G + WIFI6 + GPS outdoor rugged antenna

Backup Battery

12v Constant Output
12hr or 24hr Capacity



Solar Kit

Solar power kit for any outdoor use case

Outdoor Enclosure

AC or Solar power options,
IP67 rated



Remote Management

Deploy, Manage and Secure

Vehicle Wire Harness

DC power cable with fuse for vehicle application

