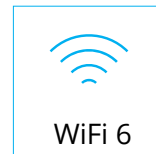
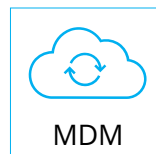
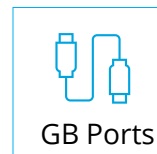
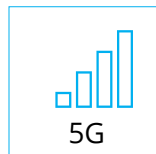




## Powerful Performance for the next generation of wireless connectivity



Discover the RC500, your gateway to next-generation business connectivity. Designed to meet both basic and advanced needs, the RC500 enables seamless scalability while offering unmatched bandwidth, ultra-low latency, and enhanced communication. This feature-rich platform is built for enterprise-level connectivity, delivering lightning-fast speeds to power your business.

## How it Works

### Use Case

- Education
- Transportation
- Smart Cities
- Public Safety



### 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

<b>Cellular Frequency Band</b>	<ul style="list-style-type: none"> <li>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</li> <li>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</li> <li>LTE-FDD   B1/ 2/ 3/ 4/ 5/ 7/ 8/ 12/ 13/ 14/ 17/ 18/ 19/ 20/ 25/ 26/ 28/ 29/ 30/ 32/ 66/ 71</li> <li>LTE-TDD   B34/ 38/ 39/ 40/ 41/ 42/ 43/ 48   LAA   B46   UMTS WCDMA   B1/ 2/ 4/ 5/ 8/ 19</li> <li>GNSS   GPS/ GLONASS/ BDS/ Galileo</li> </ul>
<b>Cellular Features</b>	<ul style="list-style-type: none"> <li>Supports NSA and SA modes   Multi-constellation GNSS receiver</li> <li>Qualcomm's SDX62 platform   3GPP Release 16 specification</li> <li>Enhanced features such as ultra-high bandwidth, millisecond-level latency, 5G network slicing and ultra-reliability.</li> <li>5G SA Sub-6 DL 2.4 Gbps; UL 900 Mbps   5G NSA Sub-6 DL 3.4 Gbps; UL 550 Mbps</li> <li>LTE DL 1.6 Gbps; UL 200 Mbps   WCDMA DL 42 Mbps; UL 5.76 Mbps</li> </ul>
<b>Global Support</b>	<ul style="list-style-type: none"> <li>Covers nearly all the mainstream carriers worldwide with 5G and LTE-A coverage</li> </ul>
<b>Key Features</b>	<ul style="list-style-type: none"> <li>1.3GHz Dual-core CPU   Enterprise remote management service</li> <li>4x1GB LAN Ethernet ports</li> <li>1GB WAN Ethernet port for failover and fallback feature</li> <li>5G NR compact high performance Ultra Wide band external cellular antenna</li> <li>WiFi 6 (802.11ax)   Peak speed up to 3000Mbps   2.4GHz and 5.8GHz</li> <li>Optional Built-In GPS location service</li> <li>Optional USB to RS485, GPIOs   USB 3.0</li> </ul>
<b>WiFi</b>	<ul style="list-style-type: none"> <li>MIMO Configuration: 2x2 (2-stream)   Wi-Fi Security: WPA,WPA2, WPA3</li> <li>Peak Speed: 3000Mbps   Wi-Fi Spectral Bands: 2.4 GHz, 5 GHz</li> <li>802.11ax /802.11ac /802.11n/802.11g/802.11a/802.11b</li> </ul>
<b>Power Adapter</b>	<ul style="list-style-type: none"> <li>Input AC100 ~240V   Output 12v, 3A   DC 5.5x2.1MM</li> </ul>
<b>LEDs</b>	<ul style="list-style-type: none"> <li>Power   Cellular   Internet</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>FCC, PTCRB, T-Mobile,*AT&amp;T, *Verizon</li> </ul>
<b>Environmental</b>	<ul style="list-style-type: none"> <li>Operation Temperature -30°C to +75°C (-31°F~167°F)</li> <li>Extended Temperature -40°C to 85°C (-40°F~176°F)</li> <li>Relative Humidity ≤90%, non-condensation</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>USB 3.0 port   Nano SIM Card</li> <li>4 x LAN 1GB Ethernet RJ-45 ports   1 x WAN 1GB Ethernet RJ-45 ports</li> <li>4x SMA Cellular Connector   4 x SMA WiFi Connector</li> </ul>
<b>Package Content</b>	<ul style="list-style-type: none"> <li>RC500 5G Router</li> <li>Power adapter</li> <li>4x Dual Band WiFi Antenna</li> <li>4x 5G Cellular Antenna</li> <li>1x Ethernet Cable</li> </ul>

\* In Progress

All specifications are subject to change without notice.

**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

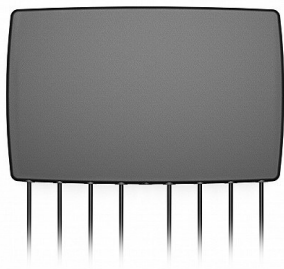
**Apps**

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

**Product SKU**

- RC500 | 5G Indoor Router
- RC500-W | Wireless Access Point

# Antenna Options



Magnetic Mount



Stub Antenna



Screw Mount



## Outdoor Antenna

5G + WIFI6 + GPS outdoor rugged antenna

## Backup Battery

12v Uninterrupted Power UPS



## Solar Kit

Solar power kit for any outdoor use case

## Outdoor Enclosure

AC or Solar power options, IP66 rated



## Remote Management

Deploy, Manage and Secure

## Vehicle Wire Harness

DC power cable with fuse for vehicle application



# Accessories