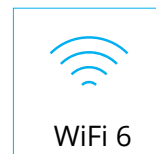
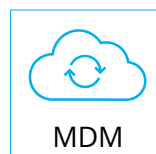
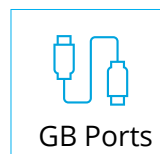
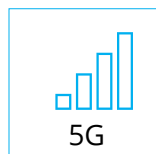




Powerful Performance for the next generation of wireless connectivity



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

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
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
Global Support	<ul style="list-style-type: none"> Covers nearly all the mainstream carriers worldwide with 5G and LTE-A coverage
Key Features	<ul style="list-style-type: none"> 1.3GHz Dual-core CPU Enterprise remote management service 4x1GB LAN Ethernet ports 1GB WAN Ethernet port for failover and fallback feature 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
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
Power Adapter	<ul style="list-style-type: none"> Input AC100 ~240V Output 12v, 3A DC 5.5x2.1MM
LEDs	<ul style="list-style-type: none"> Power Cellular Internet
Certification	<ul style="list-style-type: none"> FCC, PTCRB, T-Mobile,*AT&T, *Verizon
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
Interface	<ul style="list-style-type: none"> USB 3.0 port Nano SIM Card 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
Package Content	<ul style="list-style-type: none"> RC500 5G Router Power adapter 4x Dual Band WiFi Antenna 4x 5G Cellular Antenna 1x Ethernet Cable

* In Progress

All specifications are subject to change without notice.

Network	<ul style="list-style-type: none">Dual WAN LAN DHCP configAuto APN Cellular ConnectivityCellular Network Priority Network Band Lock OptionRouter Operations Mode AP, LAN Repeater, ClientRouter Wireless Repeater Mode Static LeaseLAN Ethernet Port Enable/Disable
Firewall	<ul style="list-style-type: none">Allow whitelist/blocklist IPIPsec OpenVPN SafeDNSPort ForwardIDS Threat detect and prevent Traffic monitoringBlock geographic locationCaptive PortalVLAN Schedule Internet Access
Wi-Fi Wireless	<ul style="list-style-type: none">Wi-Fi 6 Dual Radio 2.4GHz & 5GHz RadioEnable/Disable Broadcast SSIDRadio Transmission Power Adjustment (3 stage)WPA3 Isolate ClientsRestrict Number of Connected Client DevicesGuest WiFi WiFi MAC Filtering
Apps	<ul style="list-style-type: none">Global DNSRebind Protection Rebind LocalhostMQTT MODBUS TCPSiemens S7 ClientPCAP GPS
Product SKU	<ul style="list-style-type: none">RC500 5G Indoor RouterRC500-O 5G Outdoor Router with WiFiRC500-T 5G Outdoor Data TerminalRC500-W Wireless Access Point

Empower Your Enterprise with Lightning-Fast 5G



All specifications are subject to change without notice.

Accessories



Outdoor Antenna

5G + WIFI6 + GPS outdoor rugged antenna

Backup Battery

12v Uninterrupted Power UPS

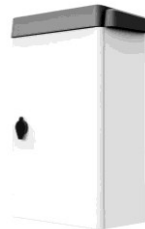


Solar Kit

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

