

Stay Connected Anywhere

5G CR602

- 5G
- Wi-Fi7
- 10000mAh battery
- Cloud-Managed



The CR602 is a high-performance, multi-functional router that integrates 5G NR, Wi-Fi 7, and dual 2.5G Ethernet ports, delivering ultra-fast and reliable fixed connectivity for home and enterprise scenarios. Equipped with a 10000mAh battery, it can operate independently for an extended period during power outages to ensure uninterrupted business operations.

For flexible connectivity, the CR602 supports eSIM and dual external SIM cards for multi-operator access and intelligent switching. It offers firewall, VPN, traffic management, and port forwarding, and with the InHand cloud platform, enables remote configuration, monitoring, and maintenance to simplify operations and enhance manageability.

Whether for enterprise branch networking or home/enterprise primary and backup networking, the CR602 serves as an all-in-one solution, delivering exceptional speed, stability, and operational peace of mind.



Medical Station

Available at your earliest rescue



Exhibition network

Stable network anytime, anywhere



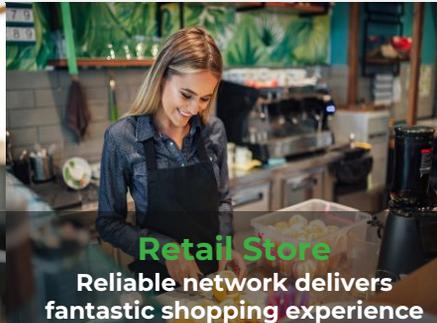
Construction Site

Quality communications ensure working efficiency



Rural School

Empowering rural children for their future



Retail Store

Reliable network delivers fantastic shopping experience



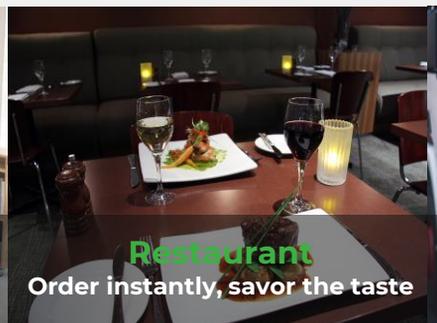
Mobile Stall

Business Anytime, Anywhere



Small Office

Instant access makes business operated swiftly



Restaurant

Order instantly, savor the taste



Public Safety

Efficient and rapid emergency network

Features and Advantages

● Plug & Play Multifunctional Router

The CR602 supports plug-and-play operation and can be easily used without requiring specialized IT expertise.

● Long-Lasting Power

Equipped with a powerful 10,000mAh battery, the CR602 offers extended usage for uninterrupted connectivity. With fast charging support, you can quickly recharge and get back online in no time, keeping your network always ready.

● Ultimate performance

The CR602 delivers up to 7.01 Gbps cellular speed, 3000 Mbps Wi-Fi 7 performance, and 2.5 Gbps high-speed Ethernet, bringing a comprehensive upgrade to your connectivity experience.

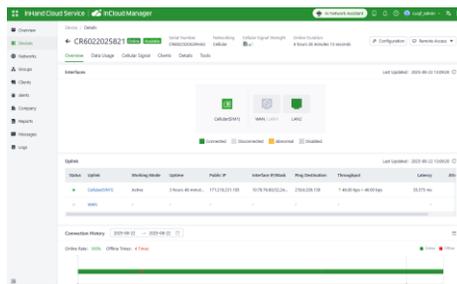


● Cloud-Managed Networking Solution

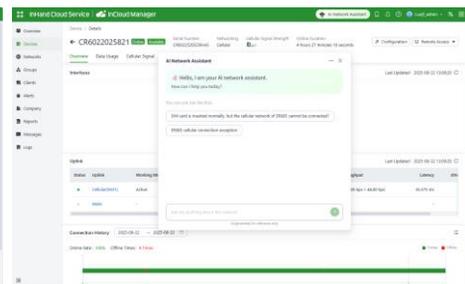
The CR602 and InCloud Manager deliver seamless cloud management of distributed sites at scale, monitor your network in real time and enhance IT management efficiency anywhere, unlocking the full potential of your network.



Total Control

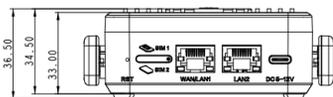
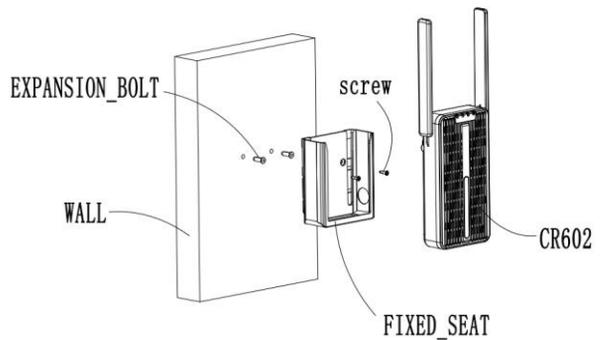
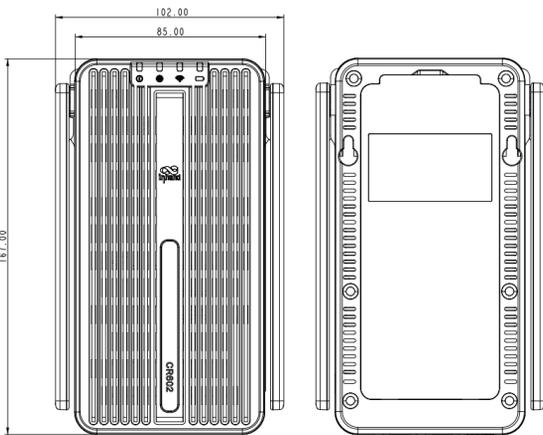


Device Details



AI network assistant

Dimensions (mm)



Dimensions : 167*102*36.5(mm)

Specifications

CR602 Hardware Features

Hardware Platform

Data Throughput	Up to 2Gbps
Recommended No. of Users	128 (Wi-Fi: 32)

Interface Description

Cellular	5G NR SA , 7.01 Gbps (DL) / 2.5Gbps (UL)
Ethernet Port	2 x 2.5Gbps WAN/LAN switchable Dual-LAN
SIM	2 x Nano SIM 1 x eSIM
Reset	Reset button
ON/OFF	ON/OFF button
Antenna Interface	2 x external Cellular antennas 6 x internal Cellular antennas 3 x internal Wi-Fi antennas
Lights	System/ Cellular/ Wi-Fi/ Battery

Wi-Fi

Radio Frequency	2.4GHz, 5.8GHz
Max Transmission Bandwidth	3000Mbps
Transfer Protocol	802.11 be, Wi-Fi7
Operating Mode	AP/Client mode
Maximum Wi-Fi Connections	32

Power Supply

Interface	TYPE-C
Fast charging	Support 5V/3A, 9V/3A, 12V/2.5A

Battery(Optional)

Battery Capacity	10000mAh
Lasts up	15 hours

Mechanical Features

Installation	Desktop Mounting, Wall Mounting
Dimensions	167 × 102 × 36.5 mm(6.57 × 4.02 × 1.44 in)
Housing	Plastic
Cooling	Fanless

Environment

Working Temperature	-10° C to 40° C (14° F to 104° F)
Storage Temperature	-40° C to 85° C (-40° F to 185° F)
Protection Level	IP30

Certification

Certificates	FCC*, IC*, PTCRB*, Verizon*, AT&T*, FirstNet*, T-MOBILE*
Warranty	3 years (Battery: 1 year)

CR602 Software Features

Cloud Management

InCloud Manager	Centralized management platform Simple and intuitive dashboard Unified device access Zero-touch remote deployment Batch remote upgrade and management
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Visualization

Dashboard	Device connectivity status Traffic statistics Cellular signal statistics Interface status Client statistics and analysis
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Uplink Management

Network Access	5G/4G, wired, Wi-Fi
Dialing Services	PPPoE, cellular automatic redial, multiple SIM switching, APN configuration
Intelligent Links	Real-time link detection

Network Functions

IP Protocols	IPv4, IPv6
Network Protocols	VLAN, DHCP (Server/Client) , DHCP Snooping, DNS, URL Filtering, DDNS, Fixed Address allocation, IP Passthrough, STP, ARP, ICMP
Routing	Static routing
Wi-Fi	AP/Client dual mode Encryption methods: WPA , WPA2 , WPA3, WPA-PSK, WPA2-PSK
Policy Management	Policy Routing, Traffic Shaping
Self Recovery	Built-in software and hardware watchdog for self-healing of operational failures, ensuring high equipment availability

Security

VPN	IPsec VPN, L2TP VPN
Firewall	3L inbound/outbound rules Port forwarding SNAT, DNAT Remote access control Black and white list filtering Domain filtering

Reliability

Upgrades	Supports scheduled upgrades
Logs	Supports runtime logs, diagnostic logs
Events	Supports user logins, connection disconnects, device reboots, and other operational events
Alarms	Supports local email alarms on the device Supports platform SMS and email alarms
Diagnostic Tools	ICMP, packet capture, traceroute

Note: The functions marked with * are not available yet.

Ordering Guide

Model code: CR602-<WMNN>

Model

<WMNN>: Cellular Types & Modules

CR602-NANR

(For North America)
 5G NR SA: n2/5/7/12/13/14/25/26/29/30/38/41/48/66/70/71/77/78
 5G NR NSA: n2/5/7/12/13/14/25/26/29/30/38/41/48/66/70/71/77/78
 LTE FDD: B2/4/5/7/12/13/14/17/25/26/29/30/66/70/71
 LTE TDD: B38/41/42/43/48/46 (LAA)

InHand Cloud-Managed Networking Solution

Our solution encompasses cloud-managed 4G cellular routers, 5G FWA/ODU cellular routers, Wi-Fi access points, switches, and the InCloud Manager SaaS. By integrating top-tier IT management, IoT, 5G, and other technologies, we provide fast, secure, and user-friendly network solutions globally, enabling businesses to unlock boundless growth opportunities.



InCloud Manager

- Centralized management
- Efficient zero touch deployment
- Simplified network configuration
- Multi-dimensional security
- Multiple intelligent strategies



5G FWA12

- High-speed 5G, DL 7.01 Gbps, UL 2.5Gbps
- 802.11be, maximum speed 5000Mbps
- 2.5G ETH, WAN/LAN
- Link backup, cellular failover, load balancing
- Wall and desktop installation



5G Outdoor Unit

- High-speed 5G, DL 7.01Gbps, UL 2.5Gbps
- 2Gbps throughput
- 2.5G ETH, WAN/LAN, PoE
- IP65, -30 ~ 70° C, GNSS
- Wall & pole mounting with adjustable angles

About Us

InHand Networks is a leading IoT solutions provider founded in 2001, dedicated to driving digital transformation across industries and empowering customers to unlock their full potential and achieve accelerated growth.

We specialize in delivering industrial-grade connectivity solutions for diverse sectors, such as enterprise networks, industrial and building IoT, digital energy, smart commerce, and mobility. Our comprehensive product portfolio and services cater to various applications worldwide, including smart manufacturing, smart grid, intelligent transportation, smart retail, etc. With a global footprint spanning over 60 countries, we serve customers in China, the United States, France, Germany, the United Kingdom, Italy, and beyond.



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