![InHand Networks logo] **InHand** Networks

Mobile 4G Router

CR200 SERIES

Reliable Network, Achieved Anywhere and Anytime

The mobile 4G cellular router greatly increases the access flexibility in remote office/study, mobile scenarios, and field scenarios with a reliable Internet connectivity. It can also guarantee a smooth business operation for small and medium-sized branches and self-service terminal scenarios and avoid any network failure may exist.
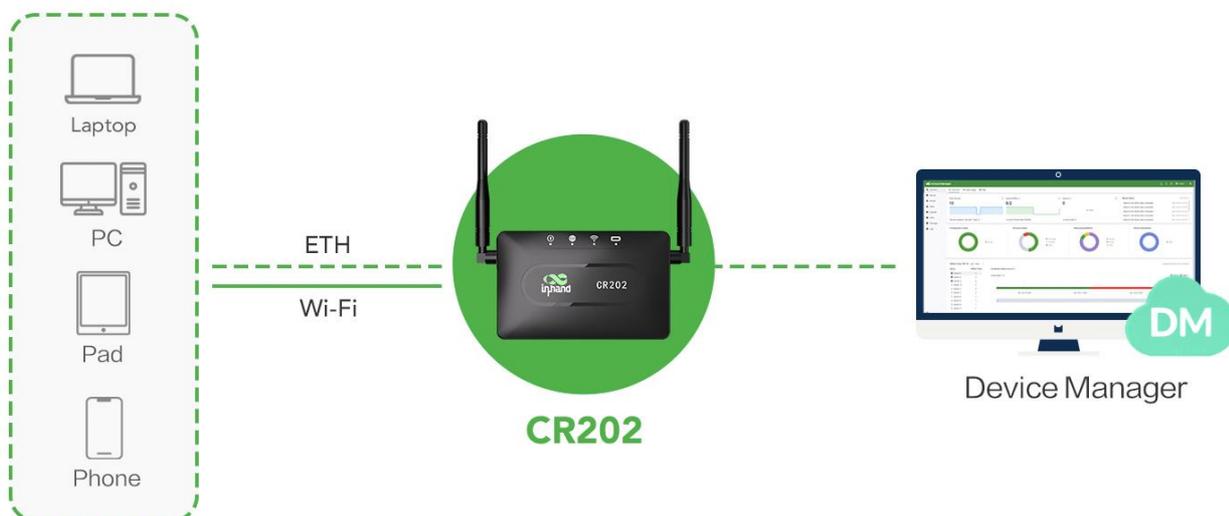
We add wired networks to the wireless access, which increases the diversity of device access to the network and can effectively ensure that the network is not interrupted. The powerful built-in battery also allows you to work anytime and anywhere. With the lightweight design, it allows for unrestricted device mobility.

Combined with the DM cloud management platform, the CR202 guarantees efficient device management capabilities. Providing customers with high-speed network access, simple and convenient network management services to empower the core network.

Ideal for a wide range of application scenarios:

- Remote office
- SMB branches
- Business travel
- Out-work scenes
- Unattended self-service terminal
- Work and learn from home
- Student dormitory
- Exhibition booths
- Mobile retail

Application

Features and Advantages

+ High-speed cellular network, portable access

+ High-performance antenna for enhanced coverage

+ Multi-device Wi-Fi network, easy access

+ Built-in battery, connectivity anywhere, anytime

+ Cloud-based configuration management

+ Plug-and-play

● **Convenient and Functional Network Access**

Supports high-speed cellular networks for fast and stable service.
- •High-speed cellular network LTE CAT6
- •Compatible with low and medium speed cellular network access
- •2 external 4G gain antennas

● **Enjoy a Reliable Network**

Provide stable network services to effectively ensure uninterrupted network.
- •Watchdog and firewall
- •Multi-layer link detection mechanism

● **Effortless Build a Wi-Fi Network**

Wireless Wi-Fi networking capability enables you to build your network with minimum effort.
- •802.11 b/g/n
- •Up to 300Mbps
- •Support AP/STA mode
- •Cover 15-60 square meters
- •Up to 30 devices

● **Getting Your Mobile Devices Online Wherever You Are.**

Powerful built-in battery to keep the network easily connected during power outages and on the go.
- •5000 mAh battery
- •8-hour power backup

● **Efficient and Free InHand Device Management**

With InHand Device Manager cloud platform, it is easy to manage devices, enhancing efficiency.
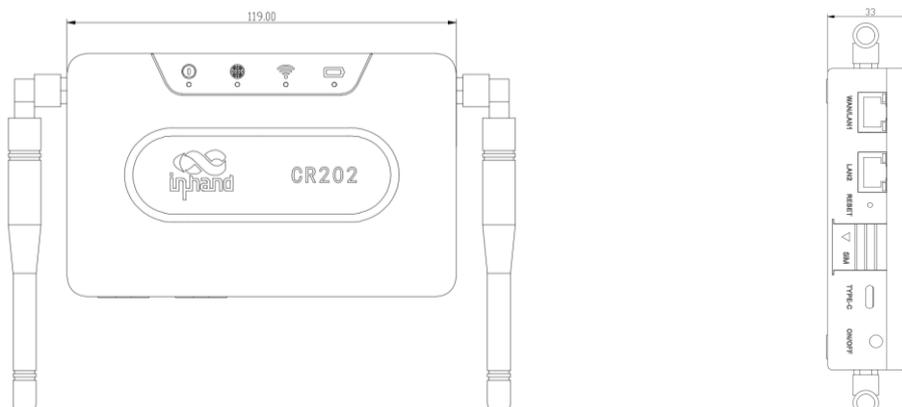- •Simple and intuitive dashboard
- •User-friendly management
- •Multidimensional visual management

● **Lightweight Design, Portable Use**

Compact body with detachable design, connect anywhere, anytime.
- •Plug-and-play
- •Compact design and easily portable

Dimension (mm)

Specifications

CR200 Hardware	
Hardware Platform	
CPU	MT7628NN
RAM	128MB
FLASH	32MB Flash
Recommended Users	30
Interface Description	
Cellular	4G LTE CAT6 300 Mbps (DL)/50 Mbps (UL)
Ethernet Port	1*WAN 1*LAN WAN/LAN switchable, Dual-LAN
SIM	1*eSIM* 1*SIM，Nano 4FF SIM slot
RESET	Reset button
ON/OFF	ON/OFF button
Antenna Interface	2* 4G Cellular SMA
Lights	Battery / Power /4G / Signal /Wi-Fi
Wi-Fi	
Radio Frequency	Single band 2.4GHz
Max Transmission Bandwidth	300Mbps
Transfer Protocol	802.11 b/g/n
Operating Model	AP/STA mode
Power Supply	
Power	TYPE-C
Power Consumption	5V/2A
Battery	
Battery Capacity	5000mAh
Lasts up	8 hours
Mechanical Features	
Installation	Panel Mounting, Wall mounting
Dimensions	119*75*33mm
Weight	205.5g
Housing	ABS+PC
Cooling	Fanless
Environment	
Working Temperature	-10°C to 50°C　(14°F　to 122°F)
Storage Temperature	-20°C to 60°C　(-4°F　to 140°F)
Protection Level	IP30
Certificates	
Certificates	FCC, CE, PTCRB, UN38.3, IC, UL VZW, ATT, T-MOBLIE
Warranty	1 year

CR200 Software	
Device Management	
Device Manager	Centralized management platform Simple and intuitive dashboard User-friendly management Multidimensional visual management
Network Connection	
Network Access	APN
Access Authentication	CHAP/PAP
LAN Protocol	ARP
WAN　Protocol	PPP, PPPoE, DHCP
Network Protocol	
IP Application	Ping, RouteTrace, DHCP Server, DHCP Client, DNS relay, DDNS, Telnet statistics
IP Routing	Static routing
NAT	Supports network address translation
Security	
Network Security	Stateful Packet Inspection (SPI), DoS attack defense; Multicast filter/Ping probe packet, ACL; Content URL filter, port mapping, virtual IP mapping, IP-MAC binding
Reliability	
Link Detection	Sends heartbeat packets to detect, auto redials when disconnected
Embedded Watchdog	Device runs self-detection, auto recovers from malfunctions
Network Management	
QoS Management	Bandwidth limit, IP speed limit
Traffic Management	Supports data traffic threshold, traffic statistics and traffic
Alarm	System restart alarm, LAN port online/offline alarm, data traffic alarm, SIM card failure alarm, etc.
Maintenance Tools	Ping, route tracking, network speed test
Status Query	System status, power status, modem status, network connection status, and routing status

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

Ordering Guide

Model-<WMNN>: Type & Module	Cellular Type	<W/NA>: NA
CR202-NAC6-WLAN-B	LTE-FDD: B2/B4/B5/B7/B12/B13/B25/B26/B29/B30/B66 WCDMA: B2/4/5	WLAN: Wi-Fi <NA>: No Wi-Fi B: Battery <NA>: No battery

About Us

InHand Networks is a global leader of Industrial IoT, with a record of tremendous success following groundbreaking innovation since our inception in 2001.

InHand serves world-class partners and customers with industrial M2M routers, gateways, industrial Ethernet switches, rugged computers and IoT management platforms. We provide IoT solutions for various vertical markets including Smart Grid, Industrial Automation, Remote Machine Monitoring, Smart Vending, Smart City, Retail and more.

Proudly bearing the marks of both Rockwell Automation Technology Partner in Asia-Pacific and Schneider Electric Technology Partner, InHand Networks defines industrial innovation and reliability.

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