

Cost-Effective Multi-Port Industrial Router for Secure Networking and Cloud O&M



InRouter315 Industrial Router

· 4G

· Wi-Fi

· Cloud Management

· Rich Industrial Interfaces

1. Product Overview

The InRouter315 (IR315) series is a cost-effective multi-port industrial router designed for industrial IoT scenarios, integrating cellular, Wi-Fi, VPN, and cloud management capabilities.

The IR315 provides uninterrupted multi-network access with comprehensive security and wireless service features, enabling tens of thousands of devices to connect and delivering high-speed data pathways for industrial field equipment. The product is designed to meet the requirements of unattended field communication, utilizing hardware and software watchdogs and multi-level link detection mechanisms to ensure communication stability and reliability. It also supports the InHand Device Manager "Device Cloud" management platform, facilitating remote management and ensuring intelligent device management.

Key Technical Specifications

Technical Specification	Specification
Cellular Network	4G LTE (depending on model); dual Nano-SIM; supports PDP configuration (IPv4/IPv4V6)
VPN	IPsec (IKEv2, AES256-SHA512), PPTP, L2TP, GRE, DMVPN, OpenVPN, WireGuard, ZeroTier
Wi-Fi (optional)	2.4 GHz, IEEE 802.11 b/g/n, up to 300 Mbps
Firewall and Access Control	SPI stateful inspection, DoS protection, ACL, content filtering (domain auto-refresh), 802.1x, IP-MAC binding, MAC address filtering, etc.
Cloud Management and Network Management	Device Manager/ICS platform; SNMP v1/v2c/v3 (supports custom communication port), SNMP TRAP
Dynamic Routing and High Availability	Static/OSPF routing; VRRP (supports virtual MAC), link online detection, dual-SIM switching, SIM switching policy, embedded watchdog

Technical Specification	Specification
Ethernet Interface	5 × 10/100 Mbps RJ45, supports WAN/LAN/VLAN, 1.5KV network isolation transformer protection
Serial Port and IO (optional)	1×RS-232+1×RS-485 or 4×IO (depending on model)
Power Supply	DC 9~36 V, overcurrent/reverse polarity protection, 2-pin industrial terminal
Dimensions and Weight	127 × 108.2 × 35 mm (5 × 4.26 × 1.38 in); 454 g (1 lb)
Operating Temperature	Standard: -35 °C ~ 70 °C (-31 °F ~ 158 °F); Extended: -40 °C ~ 75 °C (-40 °F ~ 167 °F)
Protection Rating	IP30

2. Core Features

2.1 Multi-Network Access

- **Cellular Network:** Supports 4G LTE (depending on model), covering global mainstream operator frequency bands, adaptable to diverse field network environments
- **Wired Network:** 5 × 10/100 Mbps RJ45 Ethernet ports, supports flexible WAN/LAN/VLAN configuration, 1.5KV network isolation transformer protection
- **Wi-Fi Access:** 2.4 GHz IEEE 802.11 b/g/n, up to 300 Mbps, supports AP/Client/WDS three working modes
- **Dual-SIM Card Slots:** Drawer-type slot supports 2 × Nano-SIM, dual-SIM hot backup ensures network continuity

2.2 Reliable Online Connectivity

- **Dual-SIM Switching:** Supports SIM switching policies triggered by signal threshold, packet loss threshold, dial failure count, and other conditions
- **VRP Hot Backup:** Supports Virtual Router Redundancy Protocol (virtual MAC), seamless master/backup gateway switching



- **Multi-Level Link Detection:** ICMP probing, link online detection, supports hot backup/cold backup/load balancing modes
- **Embedded Watchdog:** Hardware and software watchdog dual protection, automatically recovers abnormal systems

2.3 Security Protection

- **Multiple VPNs:** Supports IPsec (IKEv2, AES256-SHA512), PPTP, L2TP, GRE, DMVPN, OpenVPN, WireGuard, ZeroTier
- **Firewall System:** SPI stateful inspection, DoS protection, ACL, port mapping, virtual IP mapping, DMZ, NAT
- **Access Control:** 802.1x authentication, IP-MAC binding, MAC address filtering, device local access control
- **User Security:** User permission management, PAM authentication parameter configuration, login failure lockout, system password protection mechanism

2.4 Cloud O&M

- **Device Manager Platform:** Batch management of distributed devices, supports JWT secure registration, public/private key registration
- **SNMP Network Management:** SNMP v1/v2c/v3, supports custom communication port, SNMP TRAP
- **Remote Management:** Supports HTTP/HTTPS API for remote device information viewing and parameter configuration
- **Status Reporting:** Supports cellular signal parameters (RSRP, RSRQ, SINR, RSSI, etc.) reporting to cloud platform

2.5 Industrial Expansion

- **Rich Interfaces:** Five Ethernet port design, optional RS-232+RS-485 serial port or 4×IO (DI/DO configurable)
- **GNSS Positioning:** Some models support GPS/BeiDou/Galileo/GLONASS/QZSS positioning functions
- **Industrial-Grade Design:** Metal enclosure fanless cooling, DIN rail mounting, IP30 protection rating
- **Wide-Temperature Operation:** Standard -35 °C ~ 70 °C (-31 °F ~ 158 °F), extended models support -40 °C ~ 75 °C (-40 °F ~ 167 °F)



3. Typical Application Scenarios

3.1 Smart Manufacturing

The IR315 provides stable network access for factory automation production lines, PLCs, industrial robots, and other equipment. It collects device data through serial ports/IO, and securely transmits it to enterprise MES/ERP systems via cellular networks or VPN, enabling remote monitoring and predictive maintenance.

3.2 Smart Energy

Suitable for distribution automation, charging pile monitoring, photovoltaic power station monitoring, and other scenarios. The IR315 supports State Grid encryption (IEC101/IEC104), meeting the communication security requirements of the power industry; dual-SIM switching and VRRP mechanisms ensure the continuity and reliability of power communication.

3.3 Smart Transportation

Suitable for intelligent traffic signals, electronic police, vehicle monitoring, logistics fleet management, and other scenarios. Supports GNSS positioning function for real-time vehicle location reporting; wide-temperature design and anti-vibration characteristics adapt to vehicle and outdoor harsh environments.

3.4 Smart Retail

Suitable for self-service vending machines, smart lockers, digital signage, and other scenarios. Batch management of widely distributed terminal devices through the Device Manager platform; Portal authentication supports commercial Wi-Fi access, reducing on-site O&M costs.

3.5 Environmental Monitoring

Suitable for atmospheric monitoring, water quality monitoring, noise monitoring, and other environmental protection scenarios. The DTU function supports serial device transparent transmission, Modbus RTU to TCP bridge facilitates access to various sensors, and remote logging and alarm functions help detect abnormalities in time.

4. Product Innovation Points

4.1 Product Innovation Summary

Innovation Direction	Innovation Point	Core Capability/Value
Multi-Mode Cellular Communication	Intelligent Dialing Mode Adaptation	Supports QMI / PPP / ECM multiple dialing modes, automatically selects the optimal method according to module and network environment
	Dual-SIM Intelligent Switching	Supports automatic SIM switching based on signal quality, ICMP detection, packet loss rate, dial failure count, and other strategies
	Global Operator Adaptation	Automatically matches APN, BAND, IMS configurations for operators such as Verizon / AT&T / T-Mobile
Link Reliability	Link Backup and Hot Backup	Automatic master/backup link switching, supports hot backup + policy routing, actively reports alarms when switching
	Load Balancing	Multi-link load balancing optimization, improving bandwidth utilization and business continuity
VPN Technology Matrix	Full-Protocol VPN Support	Supports IPsec (IKEv1/v2), OpenVPN (TAP/TUN), L2TP, PPTP, GRE
	Modern VPN Protocols	Added WireGuard, ZeroTier to meet flexible networking needs
	Enhanced Tunnel Management	Supports peer domain name, multiple remote subnets, independent start/stop control of single tunnel

Innovation Direction	Innovation Point	Core Capability/Value
Industrial IoT Protocols	Industrial Serial Port / DTU	RS-232/RS-485 independent configuration, DTU supports TCP/UDP/domain name/multi-channel/DC protocol
	State Grid Encryption	Supports IEC101/IEC104/DC protocol state cryptography encryption, model 305NRQ2-SEC
	I/O Edge Control	4-channel digital I/O, relay output, I/O status reporting to cloud platform, alarm triggering
Cloud Platform Management	Multi-Cloud Platform Adaptation	Supports InHand DM, InConnect, Smart-EMS, ICS and other platform access
	Secure Registration and Authentication	Supports MQTT/MQTTS, JWT registration, public/private key authentication, remote firmware upgrade
	Network Diagnosis and Observation	Built-in TCPDUMP, ping, traceroute, Qlog; cellular signal / GNSS parameter reporting
Security Hardening	Firmware Security	Firmware signature verification, system password protection, PAM authentication, login failure lockout
	Vulnerability Repair	Continuously fixes CVE, Talos, Fortinet, CISA and other disclosed vulnerabilities
	Software Component Upgrade	Continuous updates of OpenSSL, OpenVPN, curl, tcpdump, dnsmasq, mosquitto, busybox, etc.
Network Security Access	Access Control	Firewall, NAT, virtual IP mapping, 802.1X, Portal, MAC filtering, Wi-Fi black/whitelist

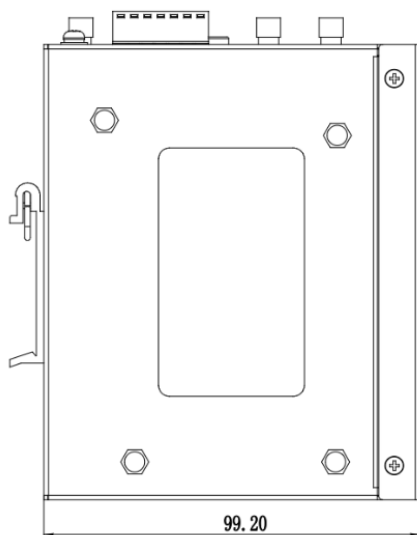
Innovation Direction	Innovation Point	Core Capability/Value
	Permission and Encryption	User permission management, HTTPS API, Wi-Fi password encryption, SSH login banner
Industrial Reliability	High Availability Design	Hardware watchdog, 72-hour offline traffic cache, NTP/GPS time synchronization
	Configuration Integrity	Configuration import/export verification, supports configuration files up to 128KB
O&M and Deployment	FCT Factory Test	Supports Wi-Fi, GNSS, I/O, network port, AT command, version query and other factory tests
	O&M Command Enhancement	Factory mode supports nvram / show / info version / net test / factory reset
WLAN Capability	Multi-Mode Wi-Fi	Supports AP / AP Client / WDS, 2.4GHz, automatic channel selection, special character SSID
	Enterprise Access	Radius authentication, Wi-Fi user isolation, password show/hide, calibration data backup
Network Management	Flexible Layer 2/Layer 3	VLAN supports IP address pool and multiple IPs, static routing priority, DHCP static binding 200 entries
	DDNS Enhancement	Supports HTTPS DDNS update
Globalization and OEM	Multi-OEM Customization	Supports Global / InHand / Welotec / Blank / Blank_China and other OEMs
	Compliance Adaptation	Supports U.S. TAA Act requirements, automatic replacement of logo/domain/SSID/alarm page

4.2 Differentiation Advantages

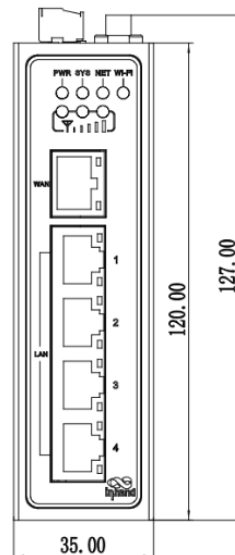
- **Global Frequency Band Coverage:** Supports mainstream frequency bands in China, Europe, North America, Australia, Japan, etc., certified by CE/FCC/PTCRB/RCM/MIC, etc.
- **Multiple VPNs in Parallel:** Supports 8 VPN protocols simultaneously to meet security access needs of different industries
- **Cloud-Edge Collaboration:** Device Manager + InConnect dual-platform support, realizing full lifecycle management of devices
- **Industrial-Grade Reliability:** Passed IEC 62443-4-2 network security certification and EN18031 regulatory certification
- **Flexible Customization:** Supports OEM/ODM customization, including logo, domain name, SSID, certificate and other white-label solutions

5. Hardware Specifications

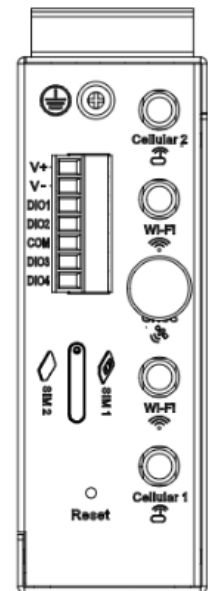
5.1 Product Dimensions



Front View



Interface View



Side View

Note:

1. All dimensions are in millimeters (mm), with inches (in) in parentheses.
2. All dimensions are approximate values, **for reference only**.
3. The dimensions shown **shall not be used for production and processing**.
4. Dimensions must meet part and manufacturing tolerance requirements.
5. Dimensions are subject to change without notice.

5.2 Hardware Parameter Table

Category/Parameter	Specification
CPU and Storage	
CPU	580 MHz
RAM	128 MB DDR2
Flash	64 MB SPI



Category/Parameter	Specification
Connectivity and Interfaces	
Ethernet Ports	5 × 10/100 Mbps RJ45, supports WAN/LAN/VLAN, 1.5KV network isolation transformer protection
Power Interface	DC 9~36V, overcurrent/reverse polarity protection, 2-pin industrial terminal
I/O Port (optional)	4 × IO (DI/DO configurable)
Serial Port (optional)	1 × RS-232 + 1 × RS-485
Reset Button	Pinhole reset button
SIM Card Slot	Drawer-type slot ×1, supports 2 × Nano-SIM
Antenna Connectors	4G: SMA ×1 or 2 (only LQ20 is SMA ×1); Wi-Fi: RP-SMA ×2
Grounding Terminal	Supported
LED Indicators	Power, System, Network, Wi-Fi, Signal
GNSS (optional)	Some models support (see ordering information <G/NA>)
Wi-Fi	
Radio Frequency	2.4 GHz
Maximum Transmission Rate	300 Mbps
Protocol	IEEE 802.11 b/g/n
Working Mode	AP / Client / WDS
Transmit Power	802.11b: 16 dBm ±2 dBm (11 Mbps); 802.11g: 16 dBm ±2 dBm (54 Mbps); 802.11n @2.4 GHz: 16 dBm ±2 dBm (HT20 MCS7); 802.11n @2.4 GHz: 16 dBm ±2 dBm (HT40 MCS7)

Category/Parameter	Specification
Transmission Distance	Approx. 50 meters line-of-sight (affected by site environment)
Wi-Fi Performance Test	Test conditions: AP: IR305LQ20-WLAN / STA: Xiaomi 10S, WPA2-PSK AES, Channel 11, 40MHz
1m	Suction cup antenna: 91.26 Mbps (signal -36 dBm); Rod antenna: 90.22 Mbps (signal -25 dBm)
5m	Suction cup antenna: 90.25 Mbps (signal -47 dBm); Rod antenna: 90.30 Mbps (signal -38 dBm)
10m	Suction cup antenna: 90.96 Mbps (signal -54 dBm); Rod antenna: 90.74 Mbps (signal -45 dBm)
30m	Suction cup antenna: 1.28 Mbps (signal -62 dBm); Rod antenna: 7.20 Mbps (signal -64 dBm)
Device Power	
Standby Power	120~200 mA@12V
Operating Power	150~320 mA@12V
Peak Power	320 mA@12V
Mechanical Specifications	
Product Dimensions (W × D × H)	127 × 108.2 × 35 mm (5 × 4.26 × 1.38 in)
Product Weight	454 g (1 lb)
Mounting Method	DIN rail
Protection Rating	IP30
Enclosure and Cooling	Metal shell, fanless cooling
Environment and Certifications	

Category/Parameter	Specification
Storage Temperature	-40 °C ~ 85 °C (-40 °F ~ 185 °F)
Operating Temperature	Standard: -35 °C ~ 70 °C (-31 °F ~ 158 °F) Extended: -40 °C ~ 75 °C (-40 °F ~ 167 °F)
Ambient Humidity	5~95% (non-condensing)
Physical Characteristics	Shock IEC60068-2-27 Vibration IEC60068-2-6 Drop IEC60068-2-32
EMC Indicators	EN61000-4-2, level 3, ESD EN61000-4-3, level 3, Radiated Electric Field EN61000-4-4, level 3, Burst Electric Field EN61000-4-5, level 3, Surge EN61000-4-6, level 3, Conducted Disturbance Immunity EN61000-4-8, >level 2, Power Frequency Magnetic Field Immunity, horizontal/vertical 400A/m EN61000-4-12, level 3, Oscillatory Wave Immunity
Certifications	CE, E-MARK, FCC, IC, PTCRB, AT&T, Verizon, T-Mobile, RCM, IMDA, MIC&JATE, SRRC, UL, C1D2, IEC 62443-4-2, EN18031

6. Network Connectivity Capability

6.1 Cellular Network

Parameter	Specification
Network Standard	GSM/GPRS/EDGE, UMTS/HSPA+/EVDO/TD-SCDMA, TDD LTE/FDD LTE, 5G NR (SA/NSA)
SIM Card	Dual Nano-SIM, drawer-type slot
Dialing Mode	PPP, QMI, ECM (depending on model)
PDP Configuration	Supports IPv4/IPv4V6
Network Access	APN, VPDN
Access Authentication	CHAP/PAP
Connection Mode	Always online, on-demand dialing, manual dialing
Dual-SIM Switching	Supports SIM switching policies triggered by signal threshold, packet loss threshold, dial failure count, etc.
Operator Configuration	Built-in global mainstream operator APN configurations, supports T-Mobile, AT&T, Verizon, etc.
Signal Reporting	Supports RSRP, RSRQ, SINR, RSSI, RSCP, Ec/Io, PCI, BAND and other parameter reporting

6.2 Wired Network

Parameter	Specification
Ethernet Ports	5 × 10/100 Mbps RJ45
Port Roles	Supports flexible WAN/LAN/VLAN configuration
Isolation Protection	1.5KV network isolation transformer protection
WAN Protocol	Static IP, DHCP, PPPoE
VLAN	Supports Access/Trunk mode, VLAN IP address pool configuration
Gratuitous ARP	Supports GARP broadcast, configurable broadcast count (1-10) and timeout (1-60 seconds)
IP Passthrough	Supports IP Passthrough function, distributing WAN port address to LAN port devices

6.3 Wi-Fi Network

Parameter	Specification
Radio Frequency	2.4 GHz
Protocol Standard	IEEE 802.11 b/g/n
Maximum Rate	300 Mbps
Working Mode	AP / Client / WDS
Bandwidth	20 MHz / 40 MHz
Authentication Mode	Open, WEP, WPA-PSK, WPA2-PSK, WPA/WPA2, etc.
Encryption Mode	NONE, WEP, TKIP, AES

Parameter	Specification
Security Features	Wi-Fi password encrypted display, Wi-Fi user isolation, AP black/whitelist
Transmit Power	16 dBm $\pm$ 2 dBm
Antenna Interface	RP-SMA $\times$ 2

6.4 GNSS

Parameter	Specification
Number of Ports	1 x SMA
Connector	SMA with 50 Ohms impedance or other interface connectors provided with adaptor
GNSS Technology	GPS/GOLNASS/Galileo/BeiDou
Tracking Sensitivity	GNSS greater than -157 dBm
Horizontal Position Accuracy	2.5m

6.5 Link Backup and Redundancy

Function	Description
Link Backup	Supports cellular/WAN mutual backup, hot backup/cold backup/load balancing three modes
VRRP	Virtual Router Redundancy Protocol, supports virtual MAC, priority election
ICMP Detection	Supports detection server, interval, timeout, maximum retry count configuration
Load Balancing	After ICMP detection succeeds, data is transmitted through the corresponding link

6.6 Routing Capability

Function	Description
Static Routing	Supports destination network, subnet mask, gateway, interface configuration, supports priority
OSPF	Open Shortest Path First dynamic routing protocol, supports router ID and network advertisement
NAT	Network Address Translation, supports port mapping, virtual IP mapping
Dynamic Domain Name	DDNS, supports HTTPS update

7. Software Functions

7.1 VPN and Data Security

VPN Type	Function Description
IPsec VPN	Supports IKEv1/IKEv2, AES256-SHA512 encryption algorithm, up to 10 tunnels, supports peer domain name configuration
PPTP	Supports client/server mode
L2TP	Supports L2TP over IPsec, supports NAT traversal
GRE	Generic Routing Encapsulation tunnel
DMVPN	Dynamic Multipoint VPN
OpenVPN	Supports TAP/TUN mode, TLS-auth/tls-crypt options, AES-256-GCM/SHA256 encryption
WireGuard	New-generation high-performance VPN protocol, supports connection status detection

VPN Type	Function Description
ZeroTier	Supports virtual LAN networking, multiple tunnels configurable
Certificate Management	Supports CA certificate, PKCS12 certificate import/export

7.2 Firewall and Access Control

Function	Description
SPI Firewall	Stateful packet inspection
DoS Protection	Denial of Service attack protection
ACL	Access Control List, supports source/destination address, port, protocol configuration
Content Filtering	Supports domain filtering, domain auto-refresh mechanism
Port Mapping	Supports protocol, source address, service port, internal port, external interface configuration
Virtual IP Mapping	Supports source address range configuration
DMZ	DMZ host configuration
NAT	Supports source address, destination address, port, interface configuration
IP-MAC Binding	Static binding of IP and MAC address
802.1x	Port-level access authentication
MAC Address Filtering	Supports black/whitelist mode
Device Access Control	Supports interface, protocol, source address, port configuration

7.3 Device Management and O&M

Function	Description
Device Manager	InHand device cloud platform, supports batch management, remote configuration, firmware upgrade
InConnect	Supports device remote access and NAT rule issuance
SNMP	SNMP v1/v2c/v3, supports custom communication port
SNMP TRAP	Alarm information active reporting
HTTP API	Supports HTTP/HTTPS API, remote query and configuration
SSH/Telnet	Remote command line management
Console	Local serial console management
Configuration Management	Supports configuration import/export, factory reset
System Upgrade	Supports Web upgrade and Device Manager remote upgrade
Firmware Signature	System firmware adds signature verification to prevent firmware tampering

7.4 Logs and Alarms

Function	Description
System Log	Local/remote/serial log output, supports user-defined remote log prefix
Remote Log	Supports Syslog server (UDP 514 port)
Traffic Alarm	Monthly/24-hour/hourly traffic threshold alarm, traffic overrun reporting to cloud platform
System Alarm	System restart, LAN up/down, SIM failure, signal quality abnormal alarm

Function	Description
Status Reporting	Supports system, Modem, network connection, routing status, GPIO pin status reporting
SMS Alarm	Supports SMS query and configuration of APN/SIM/operator, remote status query and restart

7.5 Industrial Protocols and Interfaces

Function	Description
DTU	TCP/UDP transparent transmission, DCTCP/DCUDP mode, supports domain name configuration
Serial Port Traffic Statistics	Supports RS-232/RS-485 serial port traffic statistics, TCP connection status display
Modbus Bridge	Modbus RTU to Modbus TCP
State Grid Encryption	Supports IEC101/IEC104 power protocol encryption (specific models)
I/O Control	4 × IO (DI/DO configurable), supports edge-triggered status reporting
SMART-EMS	Supports cellular IP address reporting, optional no restart when connection fails

7.6 Network Services

Function	Description
DHCP	Server/Client, supports static binding (up to 200 entries), address pool range automatic verification
DNS	DNS proxy, DNS forwarding, supports custom domain name server
DDNS	Supports HTTPS update

Function	Description
NTP	NTP server function, GPS time synchronization
Portal	Captive portal authentication
QoS	Bandwidth limiting, IP rate limiting
SIP ALG	SIP Application Layer Gateway
Scheduled Tasks	Scheduled restart, supports advanced options to configure multiple rules
Network Packet Capture	Built-in TCPDUMP packet capture tool, supports interface, capture count, expert options configuration
Maintenance Tools	Ping, traceroute, speed test, ARPING

8. Ordering Information

Model	Region	Cellular Type & Frequency Band	WLAN/NA	S/NA	G
IR315-LQ20-<WLAN/NA>-S	China	Cat.4 LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: B1/B5/B8 GSM: B3/B8	WLAN: Wi-Fi NA: no Wi-Fi	S: Serial	-
IR315-FQ58-<WLAN/NA>-<S/NA>	Europe/APAC/ Australia/NZ	Cat.4 LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41 WCDMA: B1/B5/B8 GSM: B3/B8	WLAN: Wi-Fi NA: no Wi-Fi	S: Serial NA: IO	-
IR315-FQ58-WLAN-<S/NA>-G	Europe/APAC	Cat.4 LTE-FDD: B1/ B3/ B7/ B8/ B20/ B28A LTE-TDD: B38/ B40/ B41 WCDMA: B1/ B8 GSM: B3/ B8	WLAN: Wi-Fi	S:Serial NA: IO	G: GNSS
IR315-FQ68-<WLAN/NA>-<S/NA>	Latin America	Cat.4 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 LTE TDD: B40 WCDMA: B1/B2/B4/B5/B8 GSM: B2/B3/B5/B8	WLAN: Wi-Fi NA: no Wi-Fi	S:Serial NA: IO	-

Model	Region	Cellular Type & Frequency Band	WLAN/NA	S/NA	G
IR315-FQ88-<WLAN/NA>-S	Japan	Cat.4 LTE-FDD: B1/B3/B8/B18/B19/B26 LTE-TDD: B41 WCDMA: B1/B6/B8/B19	WLAN: Wi-Fi NA: no Wi-Fi	S: Serial	
IR315-FQ38-<WLAN/NA>-<S/NA>	North America	Cat.4 LTE-FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5	WLAN: Wi-Fi NA: no Wi-Fi	S:Serial NA: IO	-
IR315-FF39-<WLAN/NA>-<S/NA>	North America	Cat.6 LTE-FDD: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B29/B30/ B66/B71 LTE-TDD: B41/B42/B43/B46/B48 WCDMA: B2/B4/B5WLAN: Wi-Fi NA: no Wi-Fi	WLAN: Wi-Fi NA: no Wi-Fi	S:Serial NA: IO	-
IR315-FF39-WLAN-<S/NA>-G	North America	Cat.6 LTE-FDD: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B29/B30/ B66/B71 LTE-TDD: B41/B42/B43/B46/B48 WCDMA: B2/B4/B5	WLAN: Wi-Fi	S:Serial NA: IO	G: GNSS

Note:

- Serial = 1×RS-232 + 1×RS-485; IO = 4×IO
- – = Not supported

9. Contact Us

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