

Selling point

➤ Superfast 4G+ LTE Speed & Simultaneous Dual Band WI-FI

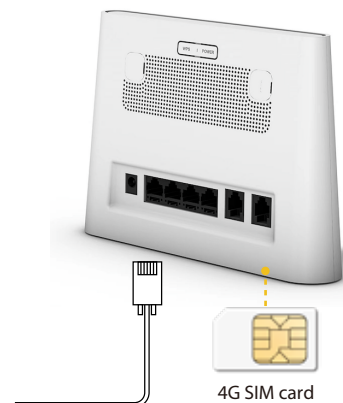
Supports the 4G+ Cat6, which used Carrier Aggregation technology, download speed up to 300Mbps and upload speed up to 50Mbps.
Supports to share the Internet with up to 867Mbps on 5GHz and 300Mbps on 2.4GHz.



➤ Plug and play, Easy access

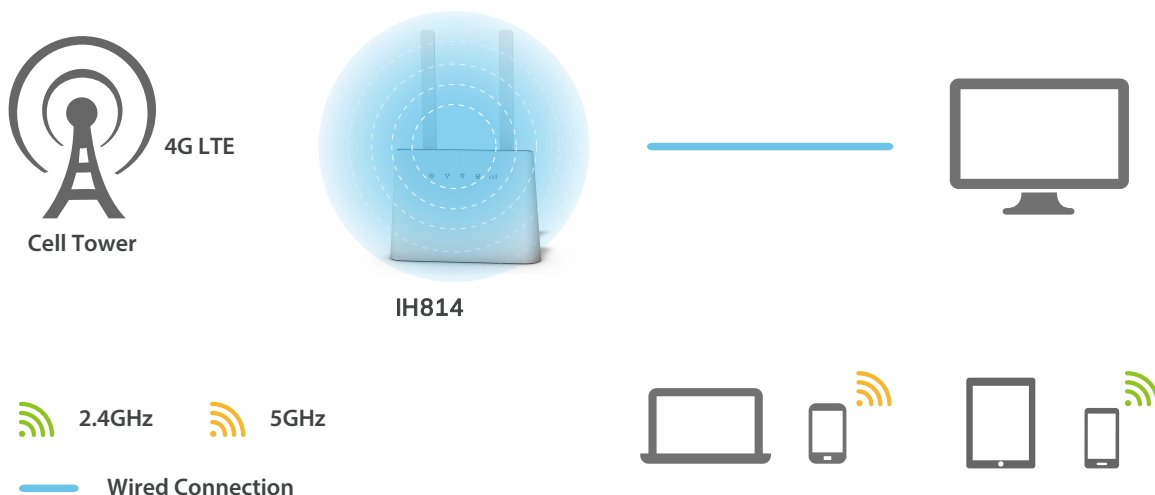
Two internet access modes are interchangeable to adapt to various environments

1. Use SIM card, connect to the Internet wirelessly.
2. Use RJ45 cable, access to the Internet via cable connection.



➤ Flexibility WAN network connect design

While supporting 4G network connection, IH814 adds WAN network connection design to fully meet different connection types, including cables.



Specification

Hardware

Interface	- 1 * GE WAN/LAN Port,3*GE LAN Ports - 2*RJ11 port(for option) - 1 * 4FF SIM card slot
Power Supply	- 12 VDC / 1A
Button	- 1 *RESET,1*Power,1*WPS
LED Indicator	- 1*Power,3*Signal,1*WPS/Wi-Fi,1*ETH,1*NET
Antenna	- 2 * WiFi antenna - 2 * LTE antenna,2 SMA connectors for external antennas
	

Wireless

Standards	- IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4GHz: Up to 300Mbps - 5GHz: Up to 867Mbps
EIRP	- 2.4GHz < 20dBm
Wireless Security	- 64/128-bit WEP, WPA and WPA2
Reception Sensitivity	- 2.4G:11b 11M: -81dBm@8% PER 11g 54M: -68dBm@10% PER 11n HT20 MCS7: -65dBm@10% PER - HT40 MCS7: -62dBm@10% PER - 5G: 11a 54M: -68dBm@10% PER 11n HT20 MCS7: -65dBm@10% PER - HT40 MCS7: -62dBm@10% PER 11ac VHT80 MCS9: -51dBm@10% PER

Specification

LTE Mode

LTE chip (miniPCIE, optional, customizable) LTE Network Type and Band (1) DL CA Band	- ASR1828+RTL8192FR+RTL8812FR FDD:B1/B3/B5/B7/B8/B20/28 TDD:B38/40/41 WCDMA:B1/B5/8 B1 + B1/B3/B5/B7/B8/B20/B28, B3 + B3/B5/B7/B8/B20/B28, B7 + B5/B7/B8/B20/B28, B20 + B32, B38 + B38, B40 + B40, B41 + B41
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Software

Home State WAN Type Wireless Functions Firewall Management Device capacity	- WAN information, LAN information, System information - Static IP, DHCP, PPPoE, 4G - Multiple SSIDs, MAC Authentication, WPS - MAC Filtering, IP/Port Filtering, URL Filtering, DMZ - Password, System Config, Time Setup, Firmware update, System Log - 2.4G: Max 32 users - 5G: Max 32 users
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Others

Package Contents	- IH814 Wireless Router * 1 - Power Adapter * 1 - Ethernet Cable * 1 - Quick Installation Guide * 1
Environment	- Operating Temperature: 0 ~50 (32 ~122) - Storage Temperature: -40 ~70 (-40 ~158) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing