

System Specifications

IP Networking

- Support IPv4/ and IPv6 dual stack
- DHCP dynamic and fixed IP address assignment on LAN side
- VPN pass through firewall
- NAT/NAPT
- Port forwarding DMZ
- DNS/DDNS
- Support NAT router mode
- Support bridge mode (IP pass-through)

WiFi Security

- WEP: 64/128-bit
- WPA/WPA2
- Support WPA2 primarily, and automatic fallback to WPA for clients that do not support WPA2
- WPA/WPA2-PSK
- MAC address filter with 32 addresses supported

Management

- APN management
- SIM PIN management
- SMS management
- Secure remote management via WebGUI/SSH
- Over-the-Air (OTA) firmware upgrade: TR-069/WebGUI support IPv4/and IPv6 dual stack

Hardware Specifications

LTE Air Interface

- Standard compliant: 3GPP release 9 category 4
- Peak data rates :
 - 150 Mbps DL within 20 MHz bandwidth
 - 50 Mbps UL within 20 MHz bandwidth
- LTE: Band 1/3/7/8/20/28/38/40
- LTE FDD: 2600/2100/1800/900/ 800/700 MHz
- LTE TDD: 2600/2300 MHz

WiFi Air Interface

- IEEE 802.11 b/g/n 2.4 GHz, data rates up to 300 Mbps
- WiFi enabled device#: up to 32
- WiFi antenna: 2 internal antennas up to 3 dBi

UMTS/GSM Air Interface

- Standard compliant: UMTS/HSPA Band 1/8 (WCDMA 2100/900 MHz)
- GSM/GPRS/EDGE Band 3/8 (1800/900 MHz)
- DC-HSPA+ downlink data rate up to 42 Mbps
- HSUPA uplink data rate up to 5.76 Mbps
- UMTS/WCDMA data rate up to 384 Kbps
- GPRS data rate up to 85.6 Kbps

Hardware Interface

- Four 10/100 Mbps Ethernet RJ-45 LAN ports
- One 2FF mini SIM card socket
- One reset to default button
- One power on/off button
- One WiFi on/off button
- One DC power jack
- One WPS button
- Two external LTE antenna (up to 3 dBi)

LED Indicators

- Power status
- Internet status
- LTE signal strength
- WiFi status
- LAN status

Power Consumption

- 12W

Physical Specifications

- Item dimensions (WxDxH): 186 x 120 x 30 mm (7.3" x 4.7" x 1.2")
- Item weight: 350g (0.77 lb.)
- Packing dimension (WxDxH): 271 x 192 x 113 mm (10.67" x 7.56" x 4.45")
- Packing weight: 778g (1.72 lb.)

Environmental Specifications

Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10% to 90% RH (Non-condensing)

Storage Environment

- Temperature: -10°C to 70°C (14°F to 158°F)
- Humidity: 0% to 95% RH (Non-condensing)

Package Contents

- LTE indoor router
- LTE antenna x 2
- Power adapter
- Ethernet cable
- Quick start guide
- Warranty card

Model Description

Band 1 FDD UL: 1920 - 1980 MHz; DL: 2110 - 2170 MHz

Band 3 FDD UL: 1710 - 1785 MHz; DL: 1805 - 1880 MHz

Band 7 FDD UL: 2500 - 2570 MHz; DL: 2620 - 2690 MHz

Band 8 FDD UL: 880 - 915 MHz; DL: 925 - 960 MHz

Band 20 FDD UL: 832 - 862 MHz; DL: 791 - 821 MHz

Band 28 FDD UL: 703 - 748 MHz; DL: 758 - 803 MHz

Band 38TDD UL/DL: 2570 - 2620 MHz

Band 40TDD UL/DL: 2300 - 2400 MHz