Ruijie | Reyee

DATASHEET

RG-M18

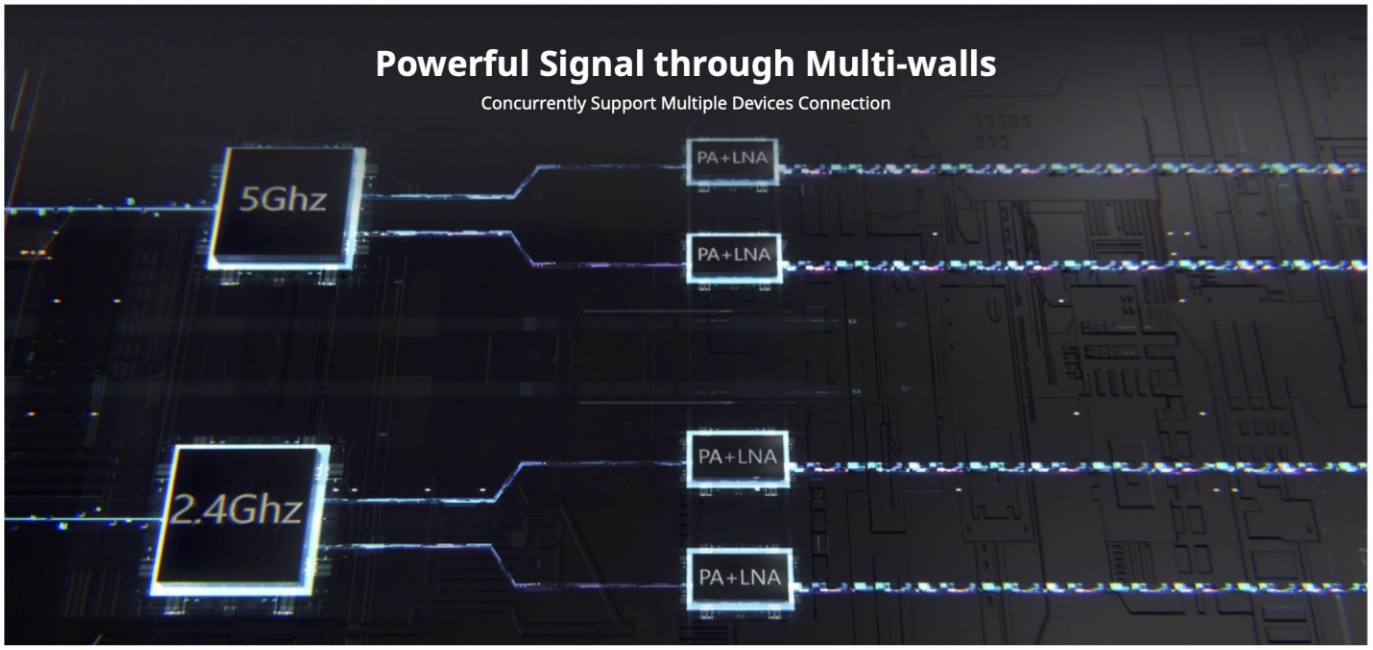
AX1800 Dual-band Gigabit Mesh Router

Highlights

- An unprecedented wireless experience with Wi-Fi 6
- Strong signal received, feels like "wall-less"
- Born for multi-user, support up to 192 terminals
- Exclusive Reyee Mesh provides full space coverage Wi-Fi solution
- Smart signal indicator, find the best spot to place a sub-router
- Take control of your home network at your fingertips

Date: 2026.9.8

Highlight Features



Highlight Features

Signal Visualization

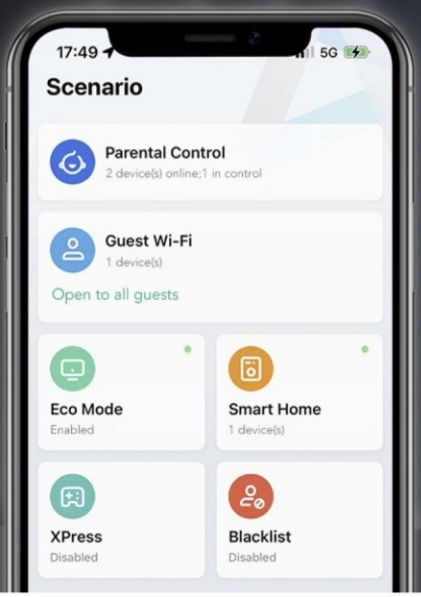
Smart signal indicator guides you tofind the best spot.

Mesh by One-click

You can click the Reyee Mesh button to complete pairing multiple devices with zero configuration.

Seamless Roaming, Full Space Coverage Wi-Fi Solutions

Amazed by **Reyee Mesh**



Take Control of Your Home network at Fingertips

Set up your home network in **Reyee Router App** in two minutes. More **Life-time Free** functions are waiting for you to Explore, Experience, Expect.

Remote Management **Parental Control** **Smart Home**

Reyee

GET IT ON Google Play

Download on the App Store

Hardware Specifications

Model	RG-M18
Product Information	
Warranty	3 years
System Specifications	
RAM	256 MB
Antenna	
Antenna	4 x internal omnidirectional antennas
Antenna gain (2.4 GHz)	3 dBi
Antenna gain (5 GHz)	4 dBi
Power Supply and Consumption	
Power supply	DC 12 V 1.5 A
Dimensions and Weight	
Product dimensions (W x D x H)	91.5 mm × 91.5 mm × 180.6 mm (3.60 in. × 3.60 in. × 7.11 in.) (excluding antennas)
Weight	0.369 kg (0.81 lbs) (without packaging materials) 0.605 kg (1.33 lbs) (with packaging materials)
Port Specifications	
LEDs	1 x system status LED 4 x Mesh LEDs
LAN ports	3 x 10/100/1000BASE-T ports
WAN ports	1 x 10/100/1000BASE-T port
Certification and Regulatory Compliance	

Hardware Specifications

Model	RG-M18
Certification	CE
Wi-Fi Radio	
Operating band	IEEE 802.11b/g/n/ax，2.400GHz~2.4835GHz； IEEE 802.11a/n/ac/ax，5.150GHz～5.350GHz； IEEE 802.11a/n/ac/ax，5.470GHz～5.725GHz； IEEE 802.11a/n/ac/ax，5.725GHz～5.850GHz；
FEM	EPA
Max. Wi-Fi Speed	2.4 GHz, 573 Mbps 5 GHz, 1200 Mbps
Maximum transmit power	2.4 GHz: 802.11b: 26 dBm 802.11g: 6 Mbps 26 dBm; 54 Mbps 23 dBm 802.11n: MCS0 26 dBm; MCS7 22 dBm 802.11ac: MCS0 26 dBm; MCS9 21 dBm 802.11ax: MCS11 20 dBm 5 GHz: 802.11a: 6 Mbps 26dBm; 54 Mbps 23 dBm 802.11n: MCS0 27 dBm; MCS7 24 dBm 802.11ac: MCS0 26 dBm; MCS9 23 dBm 802.11ax: MCS0 27 dBm; MCS9 22 dBm; MCS11 19.5 dBm

Hardware Specifications

Model	RG-M18
	Note: The transmit power varies according to regulations in different countries and regions.
Maximum transmit power(EIRP)	Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm Myanmar: 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Thailand: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Indonesia: 2400-2483.5 MHz, EIRP ≤ 27 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 23 dBm Egypt：

Hardware Specifications

Model	RG-M18
	2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm Vietnam: 2400-2483.5 MHz, EIRP ≤ 23 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm
MIMO	2.4 GHz, 2 x 2 5 GHz, 2 x 2
Wi-Fi standard	Wi-Fi 6 (IEEE 802.11ax)
Highest QAM order	1024
2.4 GHz channel width	Auto/20/40 MHz
5 GHz channel width	Auto/20/40/80 MHz
Environment and Reliability	
Operating humidity	5% RH to 95% RH (non-condensing)
Operating temperature	-10 °C to +45 °C (14 °F to 113 °F)
Storage humidity	5% RH to 95% RH (non-condensing)
Storage temperature	-40 °C to +70 °C (-40 °F to 158 °F)

Software Specifications

Model	RG-M18
Basic Configurations	
LED management	Yes
Internet access mode	PPPoE, DHCP, Static IP, WISP
Preconfiguration	Yes
Reset and keep configurations	Yes
Restoring factory defaults	Yes
Configuration backup	Yes
Local upgrade	Yes
Online upgrade	Yes
Scheduled upgrade	No
Disabling the physical Reset button	No
Connectivity detection configuration	Yes
AP mode	Yes
Behavior Management	
Parental control	Yes
Client access control (based on MAC addresses)	Yes
Client access control (based on time)	Yes
Maximum number of controlled clients	32

Software Specifications

Model	RG-M18
Maximum number of parental control policies	32
Selecting clients from the client list to block their access to the Internet	Yes
Specifying MAC addresses of controlled clients	Yes
IP Service	
Port mapping	Yes
ARP binding	Yes
Number of ARP binding entries	64
DDNS	Yes
No-IP DNS	Yes
Ruijie DDNS	Yes
NAT-DMZ	Yes
Number of port mapping entries	50
UPnP	Yes
IPv6	Yes
Ethernet Interface	
MAC address cloning	Yes
VLAN-based IPTV	Yes
Ethernet Switching	

Software Specifications

Model	RG-M18
WAN port aggregation	No
LAN port aggregation	No
Specifying the VLAN tag	Yes
IPTV/VLAN	
Multiple IPTV ports	Yes
Flow Control	
Flow control based on number of users	Yes
Standalone/Shared mode	Yes
Interface flow control	Yes
Multicast	
IGMP proxy	Yes
IGMP snooping	Yes Note: Not supported by wired connections when IPTV is turned on
Rate Limiting	
Client-based rate limiting	Yes
Reyee Mesh 3.0	
Reyee Mesh 3.0	Yes
Automatic switching between wired and wireless repeater mode	Yes
Recommended hop count	2

Software Specifications

Model	RG-M18
Maximum number of clients	192
Maximum number of devices	32
Network Management and Monitoring	
Line detection	Yes
Arabic	Yes
Chinese (Hong Kong Traditional)	Yes
Chinese (Simplified)	Yes
English	Yes
Indonesian	Yes
Italian	Yes
Russian	Yes
Spanish (Latin America)	Yes
Thai	Yes
Turkish	Yes
Vietnamese	Yes
Ruijie Cloud management	Yes
Scheduled device restart	Yes
eWeb login password length	8 to 63 characters
Wired repeater mode	Yes
Wireless repeater mode	Yes
WISP mode	Yes

Software Specifications

Model	RG-M18
User agreement signing	Yes
VPN	
Number of concurrent tunnels supported by the OpenVPN server	8
Certificate authentication	Yes
OpenVPN bandwidth	13 Mbps
OpenVPN client	Yes
OpenVPN server	Yes
Server domain name configuration	Yes
Username and password authentication	Yes
Number of concurrent tunnels supported by the PPTP VPN server	30
PPTP VPN client	Yes
PPTP VPN server	Yes
SIM Card Management	
Batch import of APN configurations	No
Number of APN configurations for batch import	No
WLAN	
1024-QAM	Yes

Software Specifications

Model	RG-M18
OFDMA	Yes (DL OFDMA)
MLO	No
DFS	Yes
802.11k/v roaming	Yes
Wi-Fi blocklist capacity	64
SSID hiding	Yes
Beamforming	Yes
System Performance Capacity	
Recommended number of concurrent clients	12 (2.4 GHz) 36 (5 GHz)
IPTV/IGMP client capacity	5
IPTV/IGMP multicast capacity	5
IPTV/IGMP wired forwarding performance	20 Mbps
Recommended camera limit	6 (2.4 GHz) 16 (5 GHz)
Security	
Encryption mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK, WPA3-SAE, WPA2-PSK/WPA3-SAE
Wireless Configuration	
Guest Wi-Fi	Yes

Package Contents

Model	RG-M18
Device	
Device	1
Manual	
User Manual	1
Warranty Card	1
Accessories	
Ethernet cable	1
Power adapter	1

Ruijie | Reyee

Redefine your easy network

Ruijie Networks Co., Ltd.

Official Website: https://Reyee.Ruijie.com