



Reyee Product Guide

Cloud, Make Your Business Easy

Redefine your easy network





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01 About Ruijie

Who is Ruijie?

Ruijie Networks is an innovative ICT enterprise brand. It has self-developed 8 product lines, including switches, routers, wireless, cloud class, security, gateways, IT management and authentication & accounting. Ruijie has 6 R&D centers, 59 branch offices and over 10,000 channel partners with service covering over 50+ countries and regions in various industries like government, telecommunications, finance, education, healthcare, internet, energy, transportation, commerce, manufacturing, etc. Since founded in 2000, Ruijie has been building in-depth scenario-oriented application experience on product and solution innovation, thus assisting the upgrade into the digitalization of all industries.



7 R&D Centers



50+ Branch Offices



7000+ Employees



20000+ Partners



50+ Countries Coverage

■ **Ethernet Switch TOP3**

No.3 market share in the Chinese Ethernet switch market (Data source: IDC 2022H1)
Average growth of 49.8% in the Chinese data center switch market in the recent three years

■ **Wireless Network TOP3**

No.3 in worldwide small-business WLAN access points shipments in 2022H1(Data source: Gartner)
No.3 market share in the Chinese enterprise-class WLAN market (Data source: IDC 2022H1)
No.1 in Wi-Fi 6 product shipment for 4 consecutive years (Data source: IDC 2022)

■ **Cloud Desktop TOP1**

No.1 market share in the Chinese enterprise-class VDI client market for 6 consecutive years (Data source: IDC 2020)
No.1 market share in the Chinese local computing IDV cloud desktop market for 2 consecutive years
(Data source: IDC 2022)



02

About Reyee

Redefine your easy network

Who is Reyee?

Reyee is a sub-brand launched by Ruijie for the SMB market. 'Reyee' means Redefine your easy network. It is a vendor of ICT infrastructure and sub-industry network solutions. Reyee product lines included wireless, switching, routers, home Wi-Fi, and cloud services. At the same time, Reyee has always insisted on independent research and development and continuous innovation. Industries involved in Reyee's solution services include hotels, offices, retail, CCTV, primary and secondary education, small and medium-sized hospitals, villas and home furnishing, etc.

In recent years, Reyee has achieved rapid market breakthroughs and growth in the field of SMB international network products. As of 2023, Reyee has covered more than 100 countries in Asia, Europe, America, Africa, and Oceania, and has recruited more than 1000 partners.

In addition to providing high-quality, cost-effective network products, Reyee also advocates the concept of 'Cloud make your business easy'. This cloud empowerment concept can not only help SI greatly reduce the complexity of network organization, debugging, operation and maintenance, but also make the delivery of network projects easier. In addition, cloud services can also help partners greatly improve sales efficiency and operational efficiency, making doing network business easier.

Reyee in China

50%

CAGR for 7 consecutive years

200K+

Installers are using Reyee products

3,000+

New projects added on Ruijie cloud every day



03

Cloud Service Cloud, make your business easy

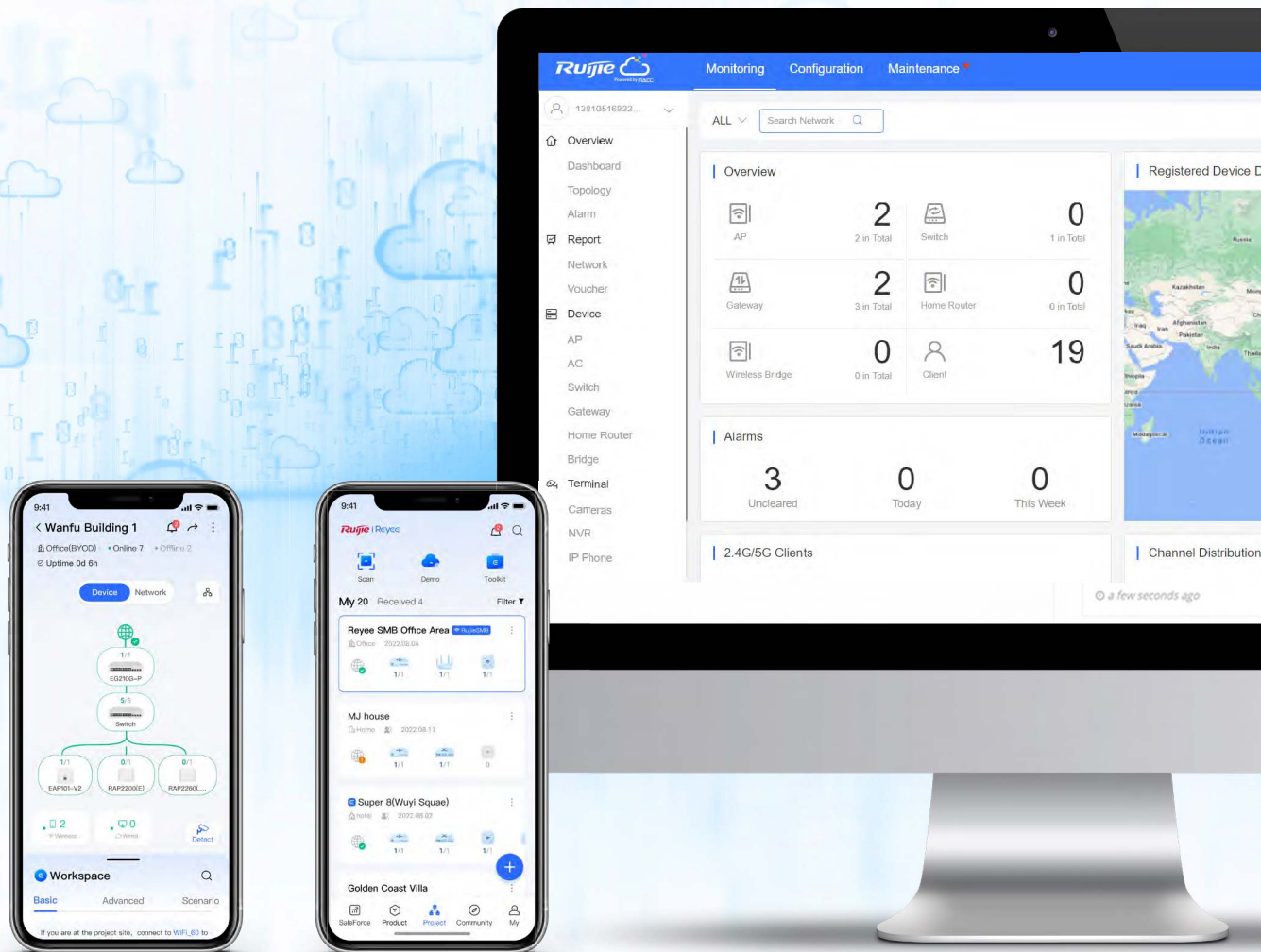
Ruijie Cloud service

Overview: Cloud make your business easy

Ruijie Cloud service is the unique whole life-time cloud solution in the world for small and medium-sized businesses and provide from pre-sales to maintenance cloud service.

Ruijie Cloud provides from pre-sales session to maintenance session service.

Pre-sales: Presale BOM builder helps SI to generate BOMs based on products pool, scenarios, or even classic cases.



Deployment: Auto Provisioning via Self-organizing Network. Smart configuration through only several steps in mobile phone, say goodbye to heavy PC and complicated CLI.

Maintenance: Monitoring Devices status anytime and anywhere. One-click optimization, trouble diagnosis, real topology, alerts notification remotely, etc.

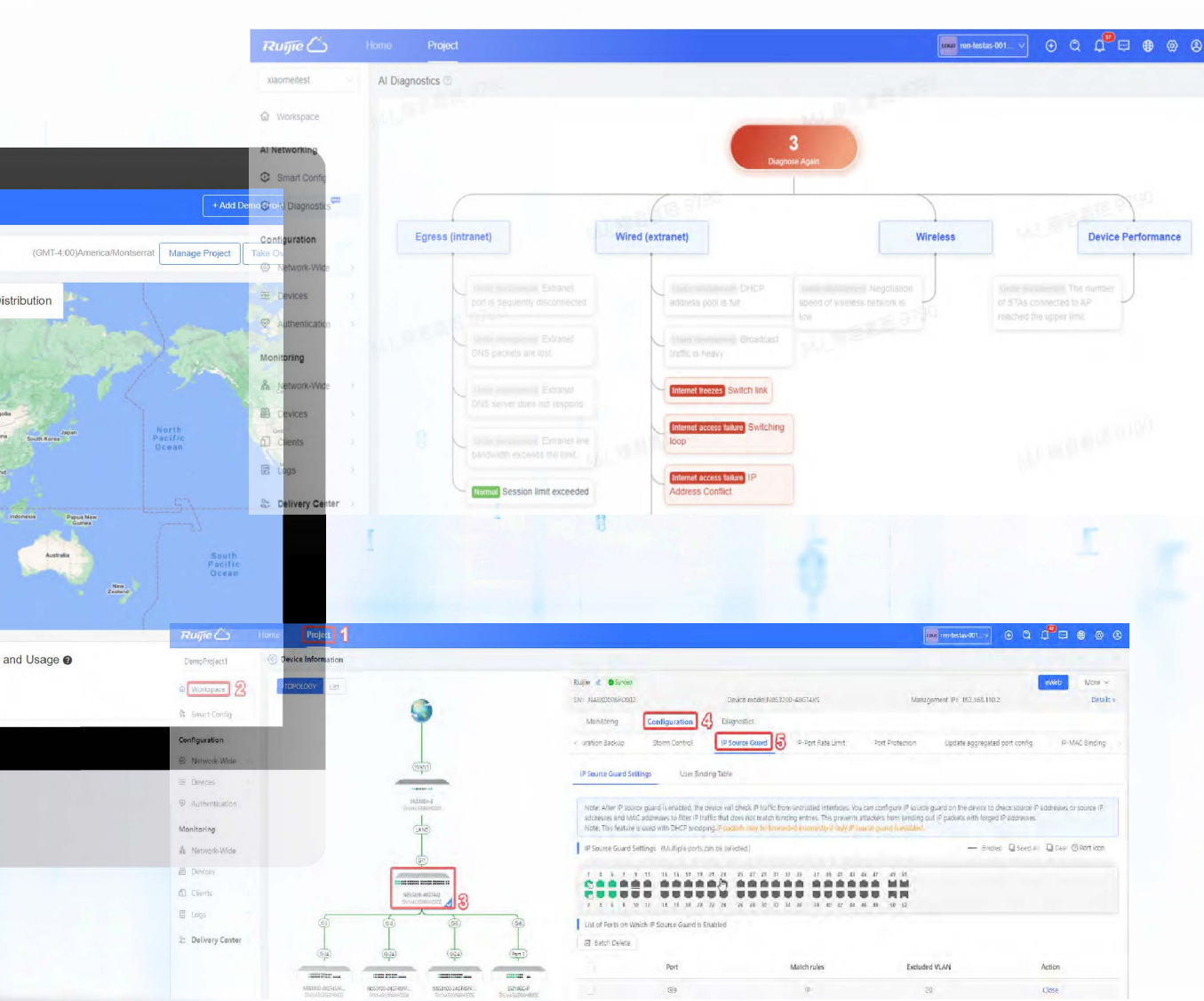
Help the installers provide better service to their customers and grow business.

New AI Roaming Optimization - More Than AI

AI Discover: Intelligent & Comprehensive Identification, 【Include Complex Scenarios, Special Spot, Various Terminals】

AI Roaming: Seamlessly Switch Between Devices 【802.11k/v/r, 11.r coming soon】 【Ratio of Signal Switch Increased 50%, demanded ≤ 50ms】

AI Optimization: AI Optimize All, the more use the better. 【Continuous and Deep Machine Learning provides optimal network automatically】





• 200K+ Users on Ruijie Cloud



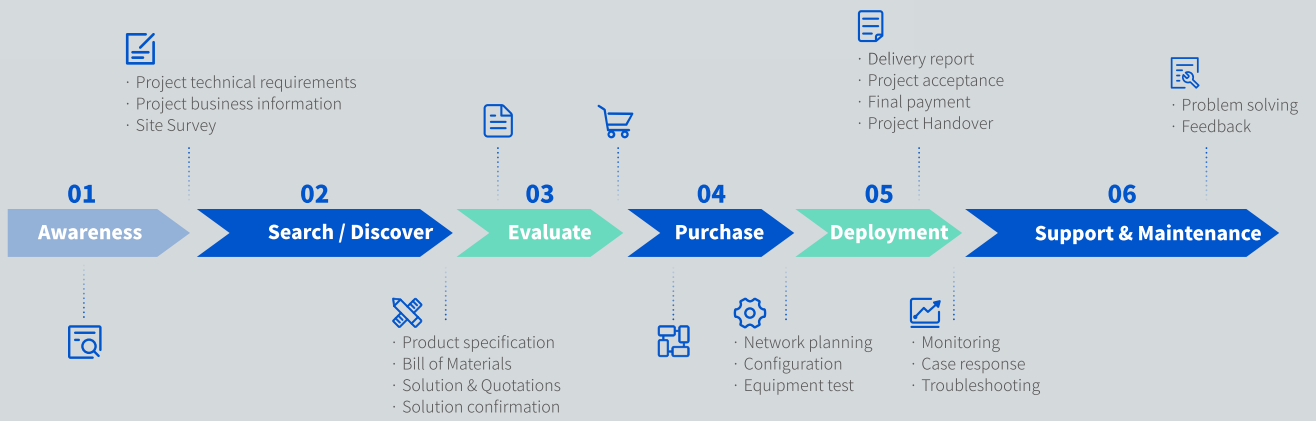
• 70270 BOMS are built on Ruijie Cloud



• 340912 Projects used self-organizing network
• 2.5 mins on average



• 130117 trouble-shootings



Specifications

Overview	
Number of APs Supported	Virtually unlimited
Clients	Virtually unlimited
Authentication Support	PSK, One-click, open
Guest Portal	Yes
Management Platform	Web / Mobile APP
AP Discovery and Control	L3 via CWMP
Data Forwarding	Local Breakout
Management	
Unified Management & Monitoring	Unified Management for APs, Switches and Routers
	Dashboard with Google Maps integration
	Multi-tenant architecture
	Sub-account group management
	Multi-level groups supported to manage devices
	Network overall running status monitoring, including traffic trend, Clients' number, Top APs, Clients and SSIDs
Wireless Management	Alarms email notification and different alarm level mapping to different contact group
	SSID and mapping VLAN management
	WEB and telnet security configuration
	AP load balancing and roaming setting
Switch Management	RRM auto RF planning
	Switch ports status monitoring, including RX/TX speed and packet each port
	Switch CPU, Memory, temperature, flash usage and PoE power usage monitoring
	VLAN management for each port
Router Management	Syslog, SNMP, NTP, DNS, loop prevention
	Router online users, sessions monitoring
	Router CPU, Memory and flash usage monitoring
	Configuration backup and restore
Mobility Management (Mobile App)	Remote access local EWEB configuration
	Logical Network Topology Management
	Scan to register APs to the Ruijie Cloud
	Push notifications for alarms
	Monitor status of total network, AP and clients
	AP device and Switch PoE port reboot
	Create and configure new SSIDs
	RRM wireless network auto optimization
	Upgrade device to latest firmware
	Speed test and signal & security checking
	IOS and Android App
	Onsite and cloud mode for management
	Delivery report generation
Real topology monitoring	
Support	
Zero-touch Provisioning	SON (Self-Organizing Network), auto discovery and auto networking
Flexible report options	Traffic per AP, per network group
	Top 10 Traffic by APs, network groups and SSIDs
	Mobile Phone brand distribution
	User experience trend data (tracking on 2.4 and 5G)
	Unique client reports
Troubleshooting	One-click to generate delivery report.
	Remotely reboot devices, web-CLI advanced diagnostic
	Get notifications of network status via email
	Event logs are sorted by network device
	Alarms are generated for device status
Technical Support	View historical client data to troubleshoot issues that happened in the past
	One-click network diagnose : each link diagnose from client to AP, Switch, Router and Internet
	Easy button access to support
	7*24 technical support (RITA)

04

e-Lighten Optical Solution An Easy Hybrid Solution of Optical Network & Ethernet



The e-Lighten Optical Solution introduces a new range of products that support both passive all-optical LAN (P2MP) and conventional Ethernet network (P2P) modes simultaneously within a single system. This solution simplifies networking and debugging for passive all-optical LANs, requiring minimal training for system integrators. Key components of the e-Lighten Optical Solution include the e-Lighten core switch, e-Lighten access switch, e-Lighten AP, optical transceiver, and passive optical splitter. Designed for small to large enterprises with extensive user bases and diverse networking requirements, the e-Lighten Optical Solution supports a range of networking scenarios, offering tailored access methods to effectively meet customer needs in different network environments.



e-Lighten Core Switches

■ Ethernet + PON Integration for Flexible Networking

The e-Lighten core switch, serving as a core switch in a passive optical local area network, offers versatile optical ports that support both point-to-multi-point (P2MP) PON mode and traditional point-to-point (P2P) Ethernet mode. This flexibility allows users to choose the mode that best suits their service requirements and traffic patterns through the use of different optical transceivers, making the e-Lighten core switch an ideal choice for multi-service hybrid networks.

■ Effortless Optical Network Maintenance Through Ethernet Techniques

The integration of traditional Ethernet configuration allows for quick deployment of passive optical local area networks. Ruijie Reeye App and Ruijie Cloud offer remote management support, enabling network monitoring from any location, as well as remote configuration modification, troubleshooting, and recovery.

■ Modular Switch with Dual Line Card Slots for Flexible Port Configurations

Featuring dual line card slots, the RG-NBF6002M switch supports both PON and Ethernet line cards, offering rich port configuration options to meet diverse networking needs.



RG-NBF6002M

1U Layer 3 managed core switch + OLT, PON support, with 2 x line card slots, and 2 x power supply slots

Line Card & Service Module



MF6000M-16FS8GT2XS

PON support, 16 x 100/1000 Mbps SFP/PON ports, 8 x 10/100/1000BASE-T Ethernet ports, and 2 x 10G SFP+ ports



MF6000M-16GT8SFP2XS

8 x 1G SFP ports, 16 x 10/100/1000BASE-T Ethernet ports, and 2 x 10G SFP+ ports



MF6000M-24GT2XS

24 x 10/100/1000BASE-T Ethernet ports and 2 x 10G SFP+ ports



RG-NBF5200M-8FS16GT4XS

Layer 3 managed core switch + OLT, PON support, 8 x 100/1000 Mbps SFP/PON ports, 16 x 10/100/1000BASE-T Ethernet ports, and 4 x 10G SFP+ ports

Specifications

Specification	RG-NBF5200M-8FS16GT4XS
Ports	8 x 1G PON/SFP Ports + 16 x 1G Ethernet Ports + 4 x 10G SFP+ Ports
Net Weight	2.9 kg (6.39 lbs)
Number of Fan Modules	2
Switching Capacity	216 Gbps
Forwarding Rate	96 Mpps
Dimensions (W x D x H)	440 mm x 260 mm x 43.6 mm (17.32 in. x 10.24 in. x 1.72 in.)
Mean Time Between Failure (MTBF)	> 400000 hours
Power Supply Surge Protection	Common: 6 kV Differential: 6 kV
Max. Number of VLANs	4094
MAC Address Table Size	16000
ARP Table Size	2000
Warranty	5 years

e-Lighten Access Switches

Layer 2 Gigabit Switches

■ Direct Fiber Connection for Simplified Deployment and Cabling

The RG-NBF2100S series features a built-in 1G SC port for uplink connectivity, enabling integration with an e-Lighten core switch to form a passive optical local area network. This eliminates the need for additional optical transceivers, and effectively supports transmission distances of over 100 meters.

■ Effortless Optical Network Maintenance Through Ethernet Techniques

The integration of traditional Ethernet configuration allows for quick deployment of a passive optical local area network. Ruijie Reeye App and Ruijie Cloud offer remote management support, enabling network monitoring from any location, as well as remote configuration modification, troubleshooting, and recovery.



RG-NBF2100S-8GT1SC

Gigabit Managed Optical Non-PoE Switch (ONU), PON support, 8 x 10/100/1000BASE-T ports, 1 x 1G SC port



RG-NBF2100S-8GT1SC-P

Gigabit Managed Optical PoE+ Switch (ONU), PON support, 8 x 10/100/1000BASE-T ports, 1 x 1G SC port



RG-NBF2100S-16GT1SC-P

Gigabit Managed Optical PoE+ Switch (ONU), PON support, 16 x 10/100/1000BASE-T ports, 1 x 1G SC port

Specifications

Model	RG-NBF2100S-8GT1SC	RG-NBF2100S-8GT1SC-P	RG-NBF2100S-16GT1SC-P
Number of 10/100/1000BASE-T Ports	8	8	16
Number of 1G SC Ports	1	1	1
Max. PoE Output Power per Device	N/A	120 W	240 W
Dimensions (W x D x H)	202 mm x 108 mm x 28 mm (7.95 in. x 4.25 in. x 1.10 in.)	202 mm x 108 mm x 28 mm (7.95 in. x 4.25 in. x 1.10 in.)	330 mm x 229 mm x 44 mm (12.99 in. x 9.02 in. x 1.73 in.)
Switching Capacity	18 Gbps	18 Gbps	34 Gbps
Forwarding Rate	13.392 Mpps	13.392 Mpps	25.296 Mpps
Port Surge Protection	Common: 6 kV	Common: 6 kV	Common: 6 kV
Net Weight	0.5 kg (1.10 lbs)	0.5 kg (1.10 lbs)	2.95 kg (6.50 lbs)
Warranty	3 years	3 years	3 years

e-Lighten Access Points

■ Convert Analog Phones to VoIP for Easy Management

The RG-APF1250's integrated SIP functionality converts analog phones into VoIP phones, allowing for network-wide management through the IP PBX. This innovative solution eliminates the need for multiple PBX systems, significantly reduces costs, and simplifies maintenance, providing a cost-effective and efficient communication infrastructure.

■ Multi-Service Integration for Simplified Deployment

Featuring an integrated multi-service design, the RG-APF1250 is equipped with three 1G ports, one RJ11 port, and one 1G SC port as the uplink PON port. By using a single in-room optical fiber, it supports key services in hotel rooms: wireless network, wired network, IPTV, and telephone, thereby minimizing cable usage and cabling cost.

■ Effortless Optical Network Maintenance Through Ethernet Techniques

The integration of traditional Ethernet configuration allows for quick deployment of passive optical local area networks. Ruijie Reyee App and Ruijie Cloud offer remote management support, enabling network monitoring from any location, as well as remote configuration modification, troubleshooting, and recovery.



RG-APF1250

Wall-mount dual-band AC1200 wireless optical access point (ONU) with built-in antennas and PON support. Manageable via Ruijie Reyee App and Ruijie Cloud. 12 V/1.5 A local DC power supply, 3 x 10/100/1000BASE-T Ethernet ports, 1 x 1G SC port, and 1 x RJ11 port.

Specifications

Model	RG-APF1250
Max. Data Rate	300 Mbps at 2.4 GHz, 867 Mbps at 5GHz
Dimensions (W x D x H)	165 mm x 86 mm x 29 mm (6.50 in. x 3.39 in. x 1.14 in.) (excluding mounting bracket)
Net Weight	0.236 kg (0.52 lbs)
Service Ports	1 x 1G SC port 3 x 10/100/1000BASE-T Ethernet ports 1 x RJ11 port
PoE	N/A
Local Power Supply	1 x DC power adapter (12 V/1.5 A)
Operating Temperature	0° C to 40° C (32° F to 104° F)
Bi-directional Optical Sub-Assembly (BOSA) Transmit Power	0 dB to 3 dB
Bi-directional Optical Sub-Assembly (BOSA) Receiver Sensitivity	-8 dB to -28 dB
Warranty	3 years

e-Lighten Accessories

■ Layer 2 Network Architecture for Simplified Maintenance

Unlike traditional Layer 3 Ethernet networks, an e-Lighten network utilizes a flat Layer 2 network architecture. The passive aggregation design not only minimizes the use of active aggregation switches, eliminating the need for dedicated ELV rooms on each floor, but also significantly reduces maintenance workload.

Passive Optical Splitters



RG-SPL2016-SC

2-in 16-out uniform optical splitter, SC connector, iron casing, rack-mountable as a single or combined unit



RG-SPL2032-SC

2-in 32-out uniform optical splitter, SC connector, iron casing, rack-mountable as a single or combined unit

Specifications

Model	RG-SPL2016-SC	RG-SPL2032-SC
Operating Wavelength	1260 nm to 1650nm	1260 nm to 1650nm
Weight	0.88 kg (1.94 lbs)	0.98kg (2.16 lbs)
Operating Temperature	-40° C to +85° C (-40° F to +185° F)	-40° C to +85° C (-40° F to +185° F)
Dimensions (W x D x H)	220 mm x 130 mm x 42 mm (8.66 in. x 5.12 in. x 1.65 in.)	220 mm x 130 mm x 42 mm (8.66 in. x 5.12 in. x 1.65 in.)
Temperature-Dependent Loss (dB)	≤ 0.3	≤ 0.3
Wavelength-Dependent Loss (dB)	0.4 (1310 + 40) 0.4 (1550 + 40)	0.4 (1310 + 40) 0.4 (1550 + 40)
Insertion Loss (dB)	≤ 14.4	≤ 17.7
Port Insertion Loss Uniformity (dB)	≤ 1.0	≤ 1.5
Return Loss (dB)	≥ 50	≥ 50
Polarization-Dependent Loss (dB)	≤ 0.3	≤ 0.3
Maximum Input Power (mW)	500	500

Core-side Optical Transceivers



OM-GE-SFP-10KM-SM1490

Gigabit single-mode Ethernet optical transceiver, SC connector, wavelength 1490 nm/1310 nm, maximum transmission distance 10 km

Specifications

Model	OM-GE-SFP-10KM-SM1490
Operating Voltage	3.14 V to 3.46 V
Max. Power Consumption	1.5 W
Operating Temperature	0° C to 70° C (32° F to 158° F)
Storage Temperature	-40° C to +85° C (-40° F to +185° F)
Operating Humidity	5% to 85%
Tx Wavelength	1480 nm to 1500 nm
Rx Wavelength	1290 nm to 1330 nm
Tx Power	3 to 7 dBm
Rx Power	-32 to -12 dBm
Weight	0.035 kg (0.08 lbs)
Receiver Sensitivity	-32 dBm
Tx Rate	1.25 Gbps
Rx Rate	1.25 Gbps
Warranty	3 years

05 Wireless





Cloud-managed Access Points

Reyee cloud-managed access points is a high performance for ceiling/outdoor/wall scenarios. Compliant with IEEE 802.11be/ax/ac Wave2 Wi-Fi protocol.

The industrial product design makes the product simple to install and to maintain. Cloud-managed access points support self-organizing network (SON) to do the quick project setting.

■ Provide Better Performance Based on Tri-/Dual-band Wi-Fi

Wi-Fi 7 introduces new spectrum management and transmission mechanisms on the 2.4 GHz, 5 GHz, and 6 GHz frequency radios, MLO (Multiple Link Operation), to efficiently utilize all available network resources. In traditional transmission, devices use a single link to deliver data. MLO realizes varieties of frequency bands send and receive simultaneously to increase throughput and reduce latency in high-streaming scenarios. Meanwhile, Dual-Band communication supports 2.4GHz and 5GHz, providing access rate of providing access rate of AC1267Mbps, AX1775Mbps, AX3200Mbps, AX6000Mbps per AP. It can provide 5GHz frequency band with less interference, wider channel, and faster speed for the terminals, allowing the users to enjoy excellent wireless experience.

■ Seamless Layer 3 Roaming

The device supports Layer 3 roaming for the complex Layer 3 network. When users move across the Layer 3 networks, seamless roaming can be achieved without service interruption.

■ Support Self-organizing Networking Feature

Self-organizing networking feature, which breaks through the product limitations and realizes auto-discovery, auto-networking and auto-configuration between routers, switches, and wireless APs without the need for controllers or Internet access. With the mobile app, users can quickly complete the device deployment and configuration, remote management, operation and maintenance of the entire network, which greatly reduces the investment of equipment cost, labor cost and time cost in the process of wireless network construction.

■ Lifetime Free Cloud Management

Users can perform comprehensive local management or remote management of the equipment in the entire network via the mobile app, equipment EWEB management, Ruijie Cloud platform, etc. Users can also share the network with a third party for network hosting and collaborative management, thereby achieving simpler, easier to use, more secure and convenient enterprise network operation and maintenance.

Products



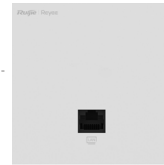
RG-RAP1200(P)

AC1300 Dual-Band Gigabit Wall Plate Access Point



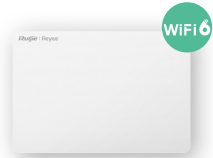
RG-RAP1200(F)

AC1300 Dual-Band Wall-plate Access Point



RG-RAP1201

AC1300 Dual-Band Gigabit Wall-Plate Access Point



RG-RAP1260

AX3000 Dual-Band Wall Plate Access Point



RG-RAP1261

AX3000 Dual-Band Wall Plate Access Point



RG-RAP2200(E)/RG-RAP2200(F)

AC1300 Dual-Band Ceiling Mount Access Point



RG-RAP2260(G)

Wi-Fi 6 AX1800 Dual-Band Gigabit Ceiling Mount Access Point



RG-RAP2260

Wi-Fi 6 AX3000 High Performance Multi-G Ceiling Access Point



RG-RAP2266

AX3000 Indoor Ceiling-Mount Access Point



RG-RAP2260(E)

Wi-Fi 6 AX3200 Dual-Band Multi-Gigabit Ceiling Mount Access Point



RG-RAP2260(H)

Wi-Fi 6 AX6000 High-density Multi-G Ceiling Access Point



RG-RAP52-OD

AC1300 Dual-Band Outdoor Access Point



RG-RAP6202(G)

AC1300 Dual-Band Outdoor Access Point



RG-RAP6262(G)

AX1800 Wi-Fi 6 Outdoor Access Point



RG-RAP6260(G)

AX1800 Wi-Fi 6 Outdoor Access Point



RG-RAP6262

AX3000 High-performance
Outdoor Omni-directional Access
Point



RG-RAP62-OD

AX3000 Dual-Band Outdoor
Access Point



RG-RAP6260(H)

AX6000 High-density Outdoor
Omni-directional Access Point

RG-RAP6260(H)-D

AX6000 High Performance Outdoor
Directional Ceiling Access Point



RG-RAP73HD

BE19000 Tri-Band Ceiling Mount
Access Point



RG-RAP72Pro





BE5040 Dual-Band Ceiling Mount
Access Point










RG-RAP72Pro-OD





BE5040 Dual-Band Outdoor/Indoor
Versatile Access Point




Specifications





Category		Wall AP			
Datasheet Level	Wi-Fi 5 AC1300			Wi-Fi 6 AX3000	
Product picture					
Model	RAP1200(F)	RAP1201	RAP1200(P)	RAP1261	
Dimensions	86 mm x 86 mm x 29.3 mm	86 mm x 86 mm x 42.4 mm	126 mm x 86 mm x 50 mm	86 mm x 86 mm x 42.4 mm	
Spatial Streams	2.4G:2x2 MIMO 5G:2x2 MU-MIMO	2.4G:2x2 MIMO 5G:2x2 MU-MIMO	2.4G:2x2 MIMO 5G:2x2 MU-MIMO	2.4G:2x2 MU-MIMO 5G:2x2 MU-MIMO	
Max Throughput	AC1300 400Mbps at 2.4GHz 867Mbps at 5GHz	AC1300 400Mbps at 2.4GHz 867Mbps at 5GHz	AC1300 400Mbps at 2.4GHz 867Mbps at 5GHz	AX3000 574Mbps at 2.4GHz 2402Mbps at 5GHz	
Frequency Bandwidth	2.4G: 20/40MHz, 5G: 20/40/80MHz	2.4G: 20/40MHz, 5G: 20/40/80MHz	2.4G: 20/40MHz, 5G: 20/40/80MHz	2.4G: 20/40MHz, 5G: 20/40/80/160MHz	
Antennas	OmniDirectional 2.4GHz: 2dBi 5 GHz: 2dBi	OmniDirectional 2.4GHz: 2dBi 5 GHz: 2dBi	OmniDirectional 2.4GHz: 2dBi 5 GHz: 2dBi	OmniDirectional 2.4GHz: 3dBi 5 GHz: 3dBi	
Maximum TX Power	2.4G: 19dBm 5G: 18dBm	2.4G: 19dBm 5G: 18dBm	2.4G: 19dBm 5G: 18dBm	2.4G: 18dBm 5G: 18dBm	
Concurrent Users	Max: 110 Recommend: 40	Max: 110 Recommend: 40	Max: 110 Recommend: 80	Max: 256 Recommend: 110	
Max Wi-Fi Coverage	20m	20m	20m	TBD	
Service Port	1*FE RJ45(POE-In) 1*FE RJ45	1*FE RJ45(POE-In) 1*GE RJ45	1*GE(POE-IN) 4*GE RJ45(LAN1 support PoE-out)	1*GE RJ45(POE-In) 1*GE RJ45	
Power Supply	802.3af	802.3af	802.3at	802.3af	
Local Power	N	N	N	N	
Power Consumption	<8w	<9w	<8w(Excluding PoE output	<13W	
Y	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 5%~95% (non-condensing) Storage humidity: 5%~95% (non-condensing)	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 5%~95% (non-condensing) Storage humidity: 5%~95% (non-condensing)	
Power Out	N	N	Y	N	
Weather proof	IP41	IP41	IP41	IP41	
Cetification	CE, ROHS	CE, ROHS	CE, ROHS	CE, ROHS	
Management Mode	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	
L2/L3 Roaming	Y	Y	Y	Y	
Advanced Roaming Protocol	N	802.11K/V	802.11K/V	802.11K/V	
AI Roaming	N	Y	Y	Y	
Standakone Portal	N	N	N	Y	
Reyee Mesh	N	Y	Y	Y	

Category	Wall AP	Ceiling AP		
Datasheet Level	Wi-Fi 6 AX3000	Wi-Fi 5 AC1300		Wi-Fi 6 AX1800
Product picture				
Model	RAP1260	RAP2200(F)	RAP2200(E)	RAP2260(G)
Dimensions	124 mm x 86 mm x 24 mm	194mm × 194mm × 35mm	194mm × 194mm × 35mm	194 mm×194 mm×35 mm
Spatial Streams	2.4G:2x2 MU-MIMO 5G:2x2 MU-MIMO	2.4G:2x2 MIMO 5G:2x2 MU-MIMO	2.4G:2x2 MIMO 5G:2x2 MU-MIMO	2.4G:2x2 MU-MIMO 5G:2x2 MU-MIMO
Max Throughput	AX3000 574Mbps at 2.4GHz 2402Mbps at 5GHz	AC1300 400Mbps at 2.4GHz 867Mbps at 5GHz	AC1300 400Mbps at 2.4GHz 867Mbps at 5GHz	AX1800 574Mbps at 2.4GHz 1201Mbps at 5GHz
Frequency Bandwidth	2.4G: 20/40MHz, 5G: 20/40/80/160MHz	2.4G: 20/40MHz, 5G: 20/40/80MHz	2.4G: 20/40MHz, 5G: 20/40/80MHz	2.4G: 20/40MHz, 5G: 20/40/80MHz/
Antennas	OmniDirectional 2.4GHz: 3dBi 5 GHz: 5dBi	OmniDirectional 2.4GHz: 2dBi 5 GHz: 2dBi	OmniDirectional 2.4GHz: 2dBi 5 GHz: 2dBi	OmniDirectional 2.4GHz: 3dBi 5 GHz: 3dBi
Maximum TX Power	2.4G: 18dBm 5G: 18dBm	2.4G: 20dBm 5G: 20dBm	2.4G: 20dBm 5G: 20dBm	2.4G: 23dBm 5G: 23dBm
Concurrent Users	Max: 256 Recommend: 110	Max: 110 Recommend: 40	Max: 110 Recommend: 40	Max: 512 Recommend: 100
Max Wi-Fi Coverage	TBD	Max Coverage:30m	Max Coverage:30m	150m
Service Port	1*GE(POE-IN) 4*GE RJ45	2 FE RJ45	2 FE RJ45	2 GE RJ45
Power Supply	802.3at	802.3af DC 12V/1.5A	802.3af DC 12V/1.5A	802.3at 1 x DC port (12V, 2.0A)
Local Power	N	Support	Support	Support
Power Consumption	<14w	≤12.95W	≤12.95W	≤ 15.3W
Y	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 55%~95% (non-condensing) Storage humidity: 5%~95% (non-condensing)	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 55%~95% (non-condensing) Storage humidity: 5%~95% (non-condensing)	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 55%~95% (non-condensing) Storage humidity: 5%~95% (non-condensing)
Power Out	N	N	N	N
Weather proof	IP4X	IP41	IP41	IP41
Cetification	CE, ROHS	CE, ROHS	CE, ROHS	CE, ROHS
Management Mode	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG
L2/L3 Roaming	Y	Y	Y	Y
Advanced Roaming Protocol	802.12K/V/R	N	802.11K/V	802.11K/V/R
AI Roaming	Y	N	Y	Y
Standakone Portal	Y	N	N	Y
Reyee Mesh	Y	N	Y	Y

Category	Ceiling AP		
Datasheet Level	Wi-Fi 6 AX3000		
Product picture			
Model	RAP2266	RAP2260	RAP2260(E)
Dimensions	Ø220 mm x 52.6 mm	194 mm x 194 mm x 45.1 mm	220 mm×220 mm×35 mm
Spatial Streams	2.4G:2x2 MU-MIMO 5G:2x2 MU-MIMO	2.4G:2x2 MU-MIMO 5G:2x2 MU-MIMO	2.4G:4x4 MU-MIMO 5G:4x4 MU-MIMO
Max Throughput	AX3000 574Mbps at 2.4GHz 2402Mbps at 5GHz	AX3000 574Mbps at 2.4GHz 2402Mbps at 5GHz	AX3200 800Mbps at 2.4GHz 2400Mbps at 5GHz
Frequency Bandwidth	2.4G: 20/40MHz, 5G: 20/40/80/160MHz	2.4G: 20/40MHz, 5G: 20/40/80/160MHz	2.4G: 20/40MHz, 5G: 20/40/80MHz
Antennas	Omnidirectional 2.4GHz: 3dBi 5 GHz: 3dBi	Omnidirectional 2.4GHz: 3dBi 5 GHz: 3dBi	Omnidirectional 2.4GHz: 3dBi 5 GHz: 3dBi
Maximum TX Power	2.4G: 25dBm 5G: 25dBm	2.4G: 25dBm 5G: 25dBm	2.4G: 23dBm 5G: 23dBm
Concurrent Users	Max: 512 Recommend: 110	Max: 512 Recommend: 110	Max: 512 Recommend: 120
Max Wi-Fi Coverage	150m	150m	150m
Service Port	1 GE RJ45	2.5 GE +1 GE RJ45	1GE+2.5GE RJ45
Power Supply	802.3at 1 x DC port (12V, 2.0A)	802.3at 1 x DC port (12V, 2.0A)	802.3at 1 x DC port (12V, 2.0A)
Local Power	Support	Support	Support
Power Consumption	<18w	<18W	<25.4W
Y	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 55%~95% (non-condensing) Storage humidity: 5%~95% (non-condensing)	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 55%~95% (non-condensing) Storage humidity: 5%~95% (non-condensing)	Operating temperature: 0°C~40°C Storage temperature: -40°C~70°C Operating humidity: 55%~95% (non-condensing) Storage humidity: 5%~95% (non-condensing)
Power Out	N	N	N
Weather proof	IP4X	IP41	IP41
Cetification	CE, ROHS	CE, ROHS	CE, ROHS
Management Mode	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG
L2/L3 Roaming	Y	Y	Y
Advanced Roaming Protocol	802.11K/V	802.11K/V/R	802.11K/V
AI Roaming	Y	Y	Y
Standakone Portal	Y	Y	Y
Reyee Mesh	Y	Y	Y

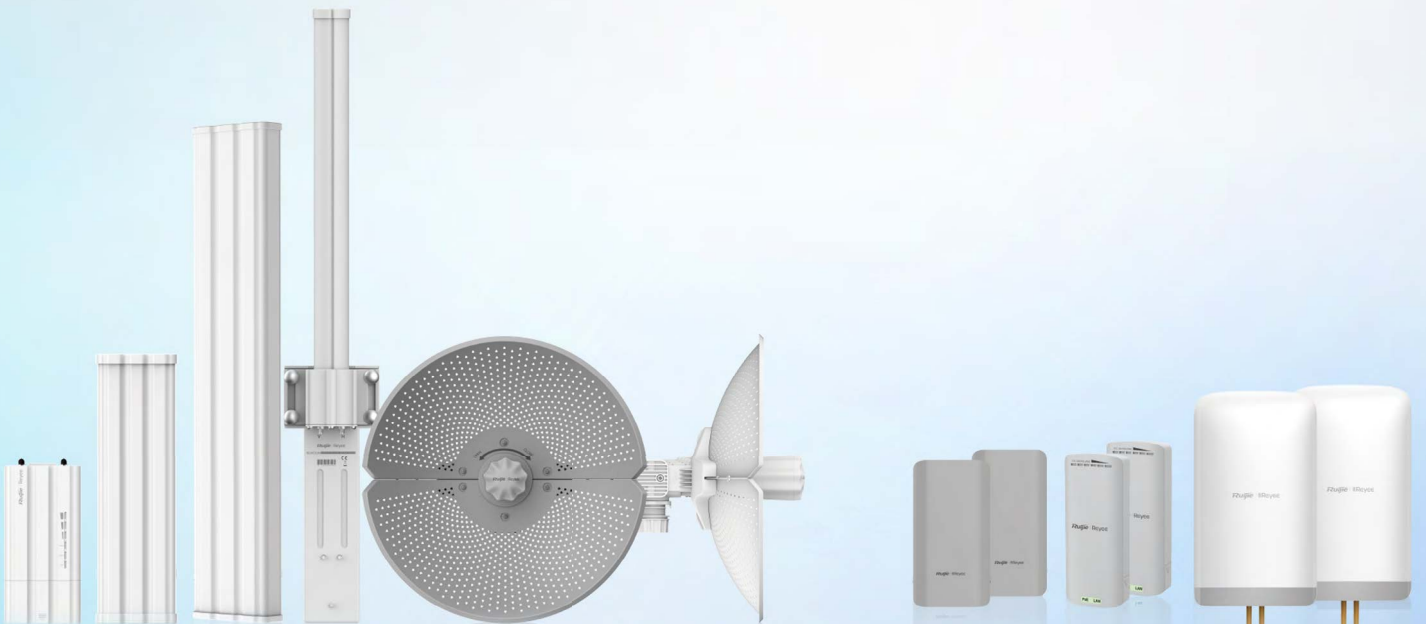
Category	Ceiling AP			Outdoor AP
Datasheet Level	Wi-Fi 6 AX6000	Wi-Fi7 BE5040	Wi-Fi 7 BE19000	Wi-Fi 5 AC1300
Product picture				
Model	RAP2260(H)	RAP72Pro	RAP73HD	RAP52-OD
Dimensions	230 mm x 230 mm x 49.5 mm	208mmx208mmx40mm	258 mm x 258 mm x 59.5mm	220 mm x 50 mm x 35.7 mm (8.66 in. x 1.97 in. x 1.41 in.) (excluding mounting bracket and antenna) antennaisize:185mm(7.24in.
Spatial Streams	2.4G:4x4 MU-MIMO 5G:4x4 MU-MIMO	2.46:2x2 MU-MIMO 5G:3x3 MU-MIMO	2.4G:4x4 MU-MIMO 5G: 4x4 MU-MIMO 6G: 4x4T5R MU-MIMO	2.4G:2x2 MU-MIMO 5G:2x2 MU-MIMO
Max Throughput	AX6000 1148Mbps at 2.4GHz 4804Mbps at 5GHz	BE5040 688Mbps at 2.4GHz 4323Mbps at 5GHz	BE19000 1376Mbps at 2.4GHz, 5765Mbps at 5GHz, 11530Mbps at 6GHz	AC1300 400Mbps at 2.4GHz 867Mbps at 5GHz
Frequency Bandwidth	2.4G: 20/40MHz, 5G: 20/40/80/160MHz	2.4G: Auto/20 MHz/40 MHz 5G: Auto/20 MHz/40 MHz/80 MHz/160 MHz	2.4G: 20/40MHz 5G: 20/40/80/160/240MHz 6G: 20/40/80/160/320MHz	2.4G: 20/40MHz, 5G: 20/40/80MHz
Antennas	OmniDirectional 2.4GHz: 3dBi 5 GHz: 4dBi	OmniDirectional 2.4GHz: 3 dBi 5 GHz: 2 dBi	OmniDirectional 2.4GHz: 4dBi 5 GHz: 6dBi 6 GHz: 6dBi	OmniDirectional & Detachable 2.4G: 3Bi 5G: 4dBi
Maximum TX Power	2.4G: 26dBm 5G: 26dBm	2.46:24dBm 5G:25dBm	5.150 GHz to 5.350 GHz: 23 dBm 5.470 GHz to 5.725 GHz: 30 dBm	2.4G: 24dBm 5G: 24dBm
Concurrent Users	Max: 512 Recommend: 130	Max:511 Recommend:110	1500+ Recommend:250	Max: 110 Recommend: 96
Max Wi-Fi Coverage	150m	70m	100m	2.4GHz:300m 5GHz: 400m
Service Port	2x2.5GE RJ45	1*2.5GE RJ45	10GE RJ45 10GE SFP 1GE RJ45	1 GE
Power Supply	802.3bt 1 x DC port48 (V,1.0A)	802.3af/802.3at PoE DC (1.2V/1.5A)	802.3at 1 x DC port48 (48V,1.25A)	802.3af 24V passive
Local Power	Support	Support	Support	N
Power Consumption	<40W	<30w	<60w	<13.5w
Y	Operating temperature: 0°C~ 40°C Storage temperature: -40°C~ 70°C Operating humidity: 55%~ 95% (non-condensing) Storage humidity: 5%~ 95% (non-condensing)	Operating temperature: 0°C~ 40°C Storage temperature: -40°C~ 70°C Operating humidity: 55%~ 95% (non-condensing) Storage humidity: 5%~ 95% (non-condensing)	Operating temperature: 0°C~ 40°C Storage temperature: -40°C~ 70°C Operating humidity: 55%~ 95% (non-condensing) Storage humidity: 5%~ 95% (non-condensing)	Operating temperature: -30°C~ 70°C Storage temperature: -40°C~ 80°C Operating humidity: 0%~ 100% (non-condensing) Storage humidity: 0%~ 100% (non-condensing)
Power Out	N	N	N	N
Weather proof	IP41	IP41	IP41	IP65
Cetification	CE, ROHS	CE, ROHS	CE, ROHS	CE, ROHS
Management Mode	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG
L2/L3 Roaming	Y	Y	Y	Y
Advanced Roaming Protocol	802.11K/V	802.11K/V	802.11K/V	802.11K/V/R
AI Roaming	Y	Y	Y	Y
Standakone Portal	Y	Y	Y	Y
Reyee Mesh	Y	Y	Y	Y

Category	Outdoor AP		
Datasheet Level	Wi-Fi 5 AC1300	Wi-Fi 6 AX1800	
Product picture			
Model	RAP6202(G) (Ball)	RAP6262(G) (Ball)	RAP6260(G)
Dimensions	200 mm × 220 mm × 166 mm (Without Mounting Bracket)	200 mm × 220 mm × 166 mm (Without Mounting Bracket)	298mm×298mm×65mm (excluding mounting kits)
Spatial Streams	2.4G:2x2 MU-MIMO 5.G:2x2 MU-MIMO	2.4G:2x2 MU-MIMO 5.G:2x2 MU-MIMO	2.4G:2x2 MU-MIMO 5.G:2x2 MU-MIMO
Max Throughput	AC1300 400Mbps at 2.4GHz 867Mbps at 5GHz	AX1800 574Mbps at 2.4GHz 1201Mbps at 5GHz	AX1800 574Mbps at 2.4GHz 1201Mbps at 5GHz
Frequency Bandwidth	2.4G: 20/40MHz, 5G: 20/40/80MHz	2.4G: 20/40MHz, 5G: 20/40/80MHz/	2.4G: 20/40MHz, 5G: 20/40/80/160MHz
Antennas	Omnidirectional 2.4GHz: 3.5dBi 5 GHz: 3.5dBi	Omnidirectional 2.4GHz: 3dBi 5 GHz: 4dBi	Omnidirectional 2.4G: 4dBi, 5G: 6dBi
Maximum TX Power	2.4G: 26dBm 5G: 27dBm	2.4G: 26dBm 5G: 25dBm	2.4G:26dBm 5G:25dBm
Concurrent Users	Max: 110 Recommend: 96	Max: 256 Recommend: 100	Max:512 Recommend: 100
Max Wi-Fi Coverage	2.4GHz:100m 5GHz: 300m	2.4GHz:100m 5GHz: 300m	300m
Service Port	2*1GE RJ45	2*1GE RJ45	1*GE RJ45 1*GE SFP
Power Supply	802.3af PoE DC 12V/1.5A	802.3at DC 12V/1.5A	802.3at
Local Power	N	N	N
Power Consumption	<13W	18W	17w
Y	Operating temperature: -30°C~65°C Storage temperature: -40°C~85°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)	Operating temperature: -30°C~65°C Storage temperature: -40°C~85°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)	Operating temperature: -40°C~65°C Storage temperature: -40°C~85°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)
Power Out	N	N	N
Weather proof	IP68	IP68	IP68
Cetification	CE, ROHS	CE, ROHS	CE, ROHS
Management Mode	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG
L2/L3 Roaming	Y	Y	Y
Advanced Roaming Protocol	N	802.11K/V/R	802.11K/V/R
AI Roaming	N	Y	Y
Standakone Portal	N	Y	Y
Reyee Mesh	Y	Y	Y

Category	Outdoor AP			
Datasheet Level	Wi-Fi 6 AX3000	Wi-Fi 6 AX6000		Wi-Fi 7 BE5040
Product picture				
Model	RAP6262 (Ball)	RAP6260(H)	RAP6260(H)-D	RAP72Pro-OD
Dimensions	230 mm x 230 mm x 195 mm (Without Mounting Bracket)	298mmx298mmx65mm (excluding mounting kits)	298mmx298mmx65mm (excluding mounting kits)	239 mm x 90 mm x 46 mm (9.41 in. x 3.54 in. x 1.81 in.)
Spatial Streams	2.4G:2x2 MU-MIMO 5G:2x2 MU-MIMO	2.4G:4x4 MU-MIMO 5G:4x4 MU-MIMO	2.4G:4x4 MU-MIMO 5G:4x4 MU-MIMO	2.4G:2x2 MU-MIMO 5G:3x3 MU-MIMO
Max Throughput	AX1300 574Mbps at 2.4GHz 240Mbps at 5GHz	AX6000 1148Mbps at 2.4GHz 4804Mbps at 5GHz	AX6000 1148Mbps at 2.4GHz 4804Mbps at 5GHz	BE5040 688Mbps at 2.4GHz 4323Mbps at 5GHz
Frequency Bandwidth	2.4G: 20/40MHz, 5G: 20/40/80/160MHz	2.4G: 20/40MHz, 5G: 20/40/80/160MHz	2.4G: 20/40MHz, 5G: 20/40/80/160MHz	2.4G: Auto/20 MHz/40 MHz, 5G: Auto/20 MHz/40 MHz/80 MHz/160 MHz
Antennas	Omnidirectional 2.4G: 3Bi 5G: 4dBi	Omnidirectional 2.4GHz: 3dBi 5 GHz: 4dB	Directional 2.4G: 10dBi, 5G: 9dBi	Omnidirectional 2.4GHz: 3.62 dBi 5 GHz: 6.28 dBi
Maximum TX Power	2.4G:32dBm 5G:34.7dBm	2.4G:35dBm 5G:36dBm	2.4G:35dBm 5G:36dBm	2.4G:23dBm 5G:23dBm
Concurrent Users	Max:512 Recommend: 110	Max:512 Recommend: 130	Max:512 Recommend: 130	Max:511 Recommend: 110
Max Wi-Fi Coverage	2.4GHz:100m 5GHz: 300m	300m	1000m	100m
Service Port	1*GE RJ45 1*GE SFP	1*2.5GE RJ45 1*GE SFP	1*2.5GE RJ45 1*GE SFP	1*2.5GE RJ45
Power Supply	802.3at PoE DC 12V/2A	802.3bt DC 48V/1A	802.3bt DC 48V/1A	802.3bt PoE DC 48V/1A
Local Power	Support	Support	Support	No
Power Consumption	24W	40W	40W	< 21 W
Y	Operating temperature: -30°C~65°C Storage temperature: -40°C~85°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)	Operating temperature: -40°C~65°C Storage temperature: -40°C~85°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)	Operating temperature: -40°C~65°C Storage temperature: -40°C~85°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)	Operating temperature: -40°C~65°C Storage temperature: -40°C~85°C Operating humidity: 0%~100% (non-condensing) Storage humidity: 0%~100% (non-condensing)
Power Out	N	N	N	N
Weather proof	IP68	IP68	IP68	IP65
Cetification	CE, ROHS	CE, ROHS	CE, ROHS	CE, RoHS, FCC, ISED, and cTUVus
Management Mode	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG	Cloud Manage Local Manage by EG
L2/L3 Roaming	Y	Y	Y	Y
Advanced Roaming Protocol	802.11K/V/R	802.11K/V/R	802.11K/V/R	802.11K/V/R
AI Roaming	Y	Y	Y	Y
Standakone Portal	Y	Y	Y	Y
Reyee Mesh	Y	Y	Y	Y

06

Wireless Bridges



EST100-E

EST100-E is a 2.4GHz Dual-stream wireless bridge of Ruijie Reyee and supports easy Ruijie Cloud management.

This product can be used without any configuration; Supports maximum 10 x 3 MP cameras loading at 100 m, 5 x 3 MP cameras loading at 500m.

EST100-E also supports E-Web management.

Category	Est Series wireless Bridges		
Model	RG-EST100-E		
Radio Design	2.4 GHz Single-Band Dual-Stream		
Transmission Protocol	IEEE 802.11b/g/n		
Operating Band*	802.11b/g/n: 2.400~2.483GHz		
Antenna	Directional antennas, 8 dBi		
Polarization	Horizontal: 70°, Vertical: 70°		
Bridging Distance	500m		
Spatial Streams	2×2, MU-MIMO		
Maximum Throughput	Up to 300 Mbps at 2.4 GHz		
Ports	2 x 10/100 Mbps ports, port 1 with Passive PoE		
IP Rating	IP55		
Lightning Protection	±6 Kv (Common Mode)		
Installation	Wall-mounted/ Pole-mounted		
Weight	0.3 kg		
Dimensions (D x W x H)	165.5mmx68.7mmx42mm		
LED indicator	LEDs indicate the bridging quality: One LED on : -78dBm< RSSI ≤ -72dBm	LED off : No bridging Two LEDs on : -72dBm< RSSI ≤ -65dBm	LED blinking : ≤ -78dBm Three LEDs on : > -65dBm
Hardware Button	1 reset button		
Power Supply	12 V DC power supply or 12 V DC Passive PoE		
Power Consumption	< 5w		
Environment	Operating temperature: -30°C to 60°C (-22°F~ 140°F) Operating humidity: 5% to 95% (noncondensing)	Storage temperature: -40°C to 70°C (-40°F ~ 158°F) Storage humidity: 5% to 95% (noncondensing)	



RG-EST100-E

Cloud-managed Wireless Bridge

Description: RG-EST310 V2 and RG-EST350 V2 are 802.11ac wireless bridges for video surveillance backhaul or remote wireless transmission in scenarios such as elevators, tower cranes, factory buildings, campuses, and construction sites. Operating in the 5GHz band, RG-EST310 V2 and RG-EST350 V2 support two spatial streams (2x2 MIMO technology) and provide up to 867 Mbps bridging rate, which can fully meet the data link bandwidth requirements of user services.

■ Zero Configuration

RG-EST310 V2 and RG-EST350 V2 both consist of 2 devices including the recorder-end and camera-end device. They are paired by default and can be used without requiring any configurations. It supports one-to-many expansion and it is recommended to support one to five at most.

■ Easy Installation

Straps are provided for easy equipment installation including wall/pole-mount, improving implementation efficiency.

■ High Reliability

Both wireless bridges can provide dustproof and waterproof IP54 protection for outdoor environments and operate in a wide temperature range from -30°C to 50°C . The high-quality weather-resistant materials enable RG-EST310 V2 to maintain excellent structural strength without embrittlement, yellowing, or deformation for long-term outdoor operation.

■ Convenient Maintenance

Both wireless bridges support Ruijie Cloud App management for the current connection latency, channel utilization, signal strength, rate, device connection, configuration modification, entire network upgrade and wireless bridge restart on the mobile phone. The two bridges also support E-Web management.



RG-EST310 V2

RG-EST350 V2

Specifications

Model	RG-EST310 V2	RG-EST350 V2
Hardware Specifications		
RAM/ Flash	64MB/8MB	512 MB/8 MB
Radio	Dual-stream single-band 2×2	
Operating Band	802.11a/n/ac: 5.150~5.350GHz, 5.470~5.725GHz, 5.725~5.850GHz (country specific)	
Antenna	Built-in directional antennas, horizontal: 60°, vertical: 30°, gain: 10dBi	Built-in directional antennas, horizontal: 31°, vertical: 14°, gain: 15 dBi
Spatial Streams	2	
Maximum Throughput	Up to 867Mbps at 5GHz	
Transmit Power	≤250mW	≤100 Mw(20 dBm) (adjustable)
Dimensions	147mm(D)×76mm(W)×37mm(H) (Dimensions per device) (Same size for the transmitter and receiver, H: height of the device excluding the mounting kits)	230 mm(D)×132 mm(W)×48 mm(H) (Dimensions per device) (Same size for the recorder-end and camera-end, H: height of the device edge excluding the mounting kits)
Weight	0.35kg	0.6 kg
Ports	1 10/100Base-T Ethernet port, supports 24VDC passive PoE 1 DC port, supports 12VDC power supply	Two 10/100/1000Base-T Ethernet ports, supports 24 VDC non-standard PoE power supply One DC port, supports 12 VDC power supply
Hardware Button	1 reset button	
Status Indicators	System indicator: 1 Port indicator: 1 Bridge signal strength indicators: 3	
Power Supply	Support 12VDC power supply and 24VDC passive PoE	Support 12VDC power supply and 24VDC passive PoE
Power Consumption	<5W	<9 W
Environment	Operating temperature: -30°C ~ 55°C	Operating temperature: -30°C ~ 65°C
	Storage temperature: -40°C ~ 70°C	Storage temperature: -40°C ~ 85°C
	Operating humidity: 5% to 95% (non-condensing)	
	Storage humidity: 5% to 95% (non-condensing)	
Installation	Wall-mounted/ Pole-mounted (straps provided)	Wall-mounted/ Pole-mounted (hose clamp is provided)
IP Rating	IP54	
Lightning Protection	4KV	
Radio Standard	SRRC certification	EN300 328, EN301 893
Warranty	3 Years	
Software Features		
Zero-Touch Configuration	Support Ruijie Cloud App remote configuration	
Automatic Bridging	Support The recorder-end and camera-end are automatically paired for bridging by default	
Device Configuration and Management	Support App/Web configuration	
QR Code Login	Users can log in to the device configuration interface by scanning the QR code of the device using the app	
Self-healing	Automatic restart upon equipment failure	
Automatic Channel Adjustment	Automatically adjust the channel upon power-on	

Camera Support Reference

		RG-EST100-E	RG-EST310 V2	RG-EST350 V2
Throughput & Camera Limits	3 MP	10/100 m 5/500 m	16/100 m 16/500 m 16/1 km 6/2 km	50/1 km 45/3 km 20/5 km
	4 to 5 MP	6/100 m 3/500 m	10/100 m 10/500 m 10/1 km 4/2 km	30/1 km 25/3 km 12/5 km
	6 to 7 MP	3/100 m 1/500 m	7/100 m 7/500 m 7/1 km 3/2 km	20/1 km 13/3 km 8/5 km
	7 to 8 MP	3/100 m 1/500 m	5/100 m 5/500m 5/1 km 2/2 km	15/1 km 12/3 km 6/5 km

RG-AirMetro Series Wireless Bridges

The RG-AirMetro Series has 6 products----one base station, three antennas and two CPEs, offering diverse combinations tailored to specific scenarios----mostly in CCTV and WISP. Their possibilities go beyond the mere six: Supporting both PTP and PTMP modes. In PTP mode, the longest working distance is 15 km, and in PTMP mode, one station could connect with 32 CPEs.

■ One-Touch Pairing in 30 sec

In PTMP mode, simply by short pressing a physical button on the base station, it is possible to easily pair all devices in the office within just 30 sec.

■ AI Heatmap For Bridge

Instead of using at the same time several Apps, by integrating Google Map to Ruijie Cloud, when you are out to do the on-site survey, only one platform----Ruijie Cloud is enough. And also, the professional report is downloadable, helping you to save time and effort.

■ Alignment Tool

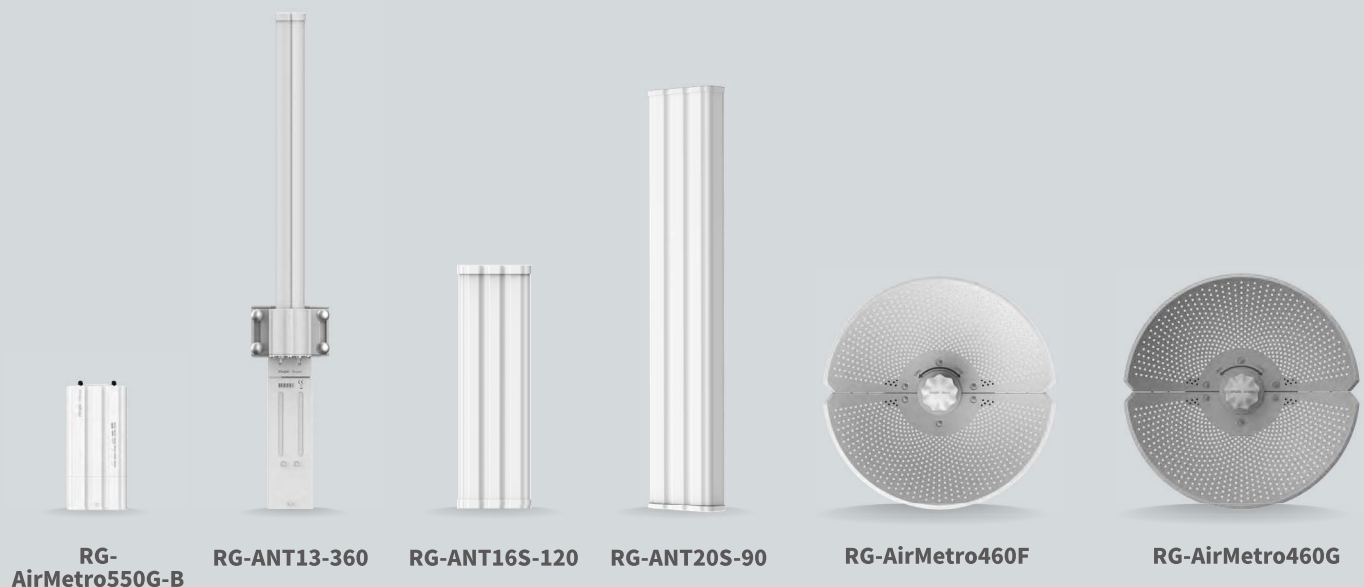
Instead of "At least 2 people, 1 on the pole and another standing below, are required to guide the alignment through video calls", Ruijie Cloud gives you "Real-time signal display + sound prompt".

■ Spectrum Scan and Link Optimization

Automatic channel interference scan and recommended channels can reduce human errors in selecting the best channel.

■ All in Cloud Management

The series supports both Ruijie Cloud management and E-Web management.



Specifications

	RG-AirMetro550G-B	RG-ANT13-360	RG-ANT16S-120	RG-ANT20S-90	RG-AirMetro460F	RG-AirMetro460G
Dimensions	200 x 98.5 x 29mm (7.9 x 3.9 x 1.1 in.)	769 x 120 x 81.6 mm (30.3 x 4.7 x 3.2 in.)	361 x 110 x 48.5 mm (14.2 x 4.3 x 1.9 in.)	694 x 140 x 49 mm (27.3 x 5.5 x 1.9 in.)	368.5 x 271 mm (14.5 x 10.7 in.) (Diameter x Length, including mounting kit)	368.5 x 271 mm (14.5 x 10.7 in.) (Diameter x Length, including mounting kit)
Working Distance	With external antenna	2 km	5 km	10 km	15 km	15 km
Gain	With external antenna	13 dBi	16 dBi	20 dBi	23 dBi	23 dBi
Angle	With external antenna	H: 360°, V: 7°	H: 120°, V: 10°	H: 90°, V: 7	H: 9°, V: 9°	H: 9°, V: 9°
Capacity	5 GHz, 867 Mbps	5 GHz	5 GHz	5 GHz	5 GHz, 867 Mbps	5 GHz, 867 Mbps
Port	2 x 10/100/1000 Mbps Ports	/	/	/	1 x 10/100 Mbps Port	1 x 10/100/1000 Mbps Port
Power Supply	24 V Passive PoE 12 V DC Input	/	/	/	24 V Passive PoE	24 V Passive PoE
Frequency Range* Note: The allowable frequencies and bands may vary depending on country-specific regulations.	2.4 GHz: 802.11 b/g/n: 2.4000 GHz to 2.483 GHz 5 GHz: 802.11a/n/ac: 5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz, 5.725 GHz to 5.850 GHz					
IP Rating	IP55	IP55	IP55	IP55	IP65	IP65
Operating Temperature* Note: When a power adapter is used, the maximum operating temperature for both the device and the power adapter is 60°C (140°F).	-40°C to +80°C	/	/	/	-40°C to +70°C	-40°C to +70°C
Electrostatic Protection	±24 kV Contact/ Air	/	/	/	±24 kV Contact/ Air	±24 kV Contact/ Air
Surge Protection	6 kV	/	/	/	6 kV	6 kV
Wind Survivability	/	220.32km/h (137mph)	220.32km/h (137mph)	220.32km/h (137mph)	220.32km/h (137mph)	220.32km/h (137mph)

07

Switches





Reyee Switch Solutions

Professional, Reliable and Affordable

Reyee switches are designed to offer reliable and professional choices to businesses of all sizes. Unmanaged switches are well suited for businesses requiring no management or monitoring of their LAN, smart/L2 switches provide a cost-effective solution for small and medium-sized businesses, and L3 managed switches provide a scalable and stable solution for large organizations, campus networks and ISP networks.

■ Ruijie Cloud App/ Ruijie Cloud Platform Remote Management

The Reyee managed switches not only support web interface management, but also support life time free Ruijie Cloud App and Ruijie Cloud platform remote management. Users can view the network status, modify the configuration, and troubleshooting at home. In addition, the PoE port can be restarted remotely to restart the faulty PoE camera. With the mobile app, users can quickly complete the device deployment and configuration, remote management, operation and maintenance of the entire network, such as NVR/ Camera recognition, configure VLAN, real time monitoring, real time alarm, and reboot remotely, which greatly reduces the investment of equipment cost, labor cost and time cost in the process of wireless network construction.

■ Self-Organizing Networking Feature

Self-organizing networking feature, which breaks through the product limitations and realizes auto-discovery, auto-networking and auto-configuration between routers, switches, and wireless APs without the need for controllers or Internet access.

■ Full-Power PoE Supporting PoE Cameras at Maximum Capacity

Ruijie Reyee smart surveillance switches support full-power PoE output, powering PoE network cameras for all PoE ports simultaneously. Whether it is day or night, the infrared light of the camera is on or off, it can ensure that all PoE network cameras are powered.

■ 5 Years Warranty

For RG-NBS5200/5100/3200/3100 RG-NIS3100/ RG-NBS6002/7003/7006 series, it supports 5 years free warranty.

Layer 3 Modular Managed Switches

Ruijie RG-NBS7006/ 7003/ 6002 series switches are high-performance, high-security, and multi-service next-generation Layer 3 Ethernet switches.

RG-NBS7K are Reyee first chassis switch designed for SMB, support 7 types of line cards, up to 96 ports full 10 Gigabit.

RG-NBS6K is two-slot modular core switch, support 4 types of line cards, 11 combinations.



RG-NBS7006

9 RU, 6 Service Slots



RG-NBS7003

4 RU, 3 Service Slots

Line Card & Service Module



M7000-24GT2XS-EA

24 Gigabit Ethernet copper port (RJ45) + 2 10-gigabit Ethernet iber port (SFP+,LC) Power Consumption \leq 50W



M7000-48GT2XS-EA

48 Gigabit Ethernet copper port (RJ45) + 2-port 10-gigabit Ethernet iber port (SFP+,LC) Power Consumption \leq 60W



M7000-24SFP2XS-EA

24 Gigabit iber port (SFP,LC) + 2 10-Gigabit Ethernet iber port (SFP+,LC) Power Consumption \leq 70W



M7000-48SFP2XS-EA

48 Gigabit iber port (SFP,LC) + 2 10-Gigabit Ethernet iber port (SFP+,LC) Power Consumption \leq 90W



M7000-24GT24SFP2XS-EA

24 Gigabit Ethernet copper port (RJ45)+ 24 Gigabit iber port (SFP,LC)+ 2 10-gigabit Ethernet iber port (SFP+,LC) Power Consumption \leq 80W



M7000-8XS-EA

8 10-Gigabit Ethernet iber port (SFP+,LC) Power Consumption \leq 40W



M7000-16XS-EA

16 10-gigabit Ethernet fiber port (SFP+,LC) Power Consumption ≤ 82W



M7006-CM

Supervisor Engine Module Power Consumption ≤ 30W (only supports NBS7006)

Power Supply:

RG-PA600I-FS

RG-NBS7006 Power Module (support redundancy,AC, 600W)

RG-PA460I-FS

RG-NBS7003 Power Module (support redundancy,AC, 460W)

RG-PA300I-FS

RG-NBS7003 Power Module (support redundancy,AC, 300W)



RG-NBS6002

Two-Slot Modular Core Switch

Line Card & Service Module



M6000-24GT2XS

24 Gigabit Ethernet copper port (RJ45) + 2 10-Gigabit Ethernet fiber port (SFP+,LC)



M6000-16GT8SFP2XS

16 Gigabit Ethernet copper port (RJ45) + 8 Gigabit Ethernet fiber port (SFP+,LC) + 2 10-Gigabit Ethernet fiber port (SFP+,LC)



M6000-24SFP2XS

24 Gigabit Ethernet fiber port (SFP+,LC) + 2 10-Gigabit Ethernet fiber port (SFP+,LC)



M6000-16SFP8GT2XS

16 Gigabit Ethernet fiber port (SFP+,LC) + 8Gigabit Ethernet copper port (RJ45) + 2 10-Gigabit Ethernet fiber port (SFP+,LC)

Layer 3 Multi-Gigabit Cloud Managed Switch

RG-NBS5300 series switches are a new generation of L3 Multi-Gigabit switches that integrate safety, intelligence, and 10 Gigabit interfaces launched by Reyee, and are particularly suitable for the convergence or access of campus networks. The flexible 2.5 Gigabit port with PoE++ ports configuration, 10 Gigabit uplink interface, and continuous software upgrade capabilities can be developed according to changes in network and application requirements to protect user investment.



RG-NBS5300-8MG2XS-UP

L3 10 Ports Multi-Gigabit Layer 3 Managed Switch with 8 PoE++ Ports, 2 SFP+ Uplink Ports

Specifications

Specification	RG-NBS5300-8MG2XS-UP
10/100/1000/2500Base-T copper ports	8
SFP+ Ports	2
PoE/PoE+/PoE++ ports	8
Max. PoE Budget	370w
Layer Type	Layer 3
Switching Capacity	80 Gbps
Forwarding Rate	58.72Mpps
Switching Cache	12Mbit
ARP Table Size	2,000
MAC Address Table	16,000
Maximum VLAN Support	4094
Dimensions (W x D x H)	300mm x 230mm x 43.6mm (The depth excludes the front panel) 300mm x 233mm x 43.6mm (The depth includes the front panel)
Weight (With package)	3.25kg
MTBF	400000H
Warranty	5 Years

Layer 3 1G/10G Managed Switches

Ruijie RG-NBS5100 & 5200 series switches are high-performance, high-security, and multi-service next-generation Layer 3 Ethernet switches. The switch series adopt an efficient hardware architecture design to provide larger table size, faster hardware processing performance, and more convenient operating experience.

RG-NBS5100 series provides Gigabit access and Gigabit uplink. RG-NBS5200 series provides Gigabit access and 10G uplink ports. The RG-NBS5200 series offers 4 10G fiber ports, providing high-performance uplink capability.



RG-NBS5100-24GT4SFP

L3 28-Port Gigabit Managed Switch
24 Gigabit RJ45 Ports, 4 SFP Ports



RG-NBS5200-24SFP/8GT4XS

L3 36-Port Gigabit Managed Switch
24 SFP Ports, 8 Gigabit RJ45 Ports, 4 10G SFP+ Ports



RG-NBS5100-24GT4SFP-P

L3 28-Port Gigabit Managed PoE Switch
24 Gigabit RJ45 Ports, 4 SFP Ports



RG-NBS5200-24GT4XS-P

L3 28-Port Gigabit Managed PoE Switch
24 Gigabit RJ45 Ports, 4 10G SFP+ Ports



RG-NBS5100-48GT4SFP

L3 52-Port Gigabit Managed Switch
48 Gigabit RJ45 Ports, 4 SFP Ports



RG-NBS5200-24GT4XS

L3 28-Port Gigabit Managed Switch
24 Gigabit RJ45 Ports, 4 10G SFP+ Ports



RG-NBS5200-48GT4XS-UP

L3 52-Port Gigabit Managed PoE Switch
48 Gigabit RJ45 Ports, 4 10G SFP+ Ports



RG-NBS5200-48GT4XS

L3 52-Port Gigabit Managed Switch
48 Gigabit RJ45 Ports, 4 10G SFP+ Ports

Energy Saving

The switches adopt the next-generation hardware architecture as well as advanced energy-saving circuit design and components to save energy for users while reducing noise pollution.

With Energy-Efficient Ethernet (EEE), the switch will automatically set the port to energy-saving mode according to different situations to achieve energy saving.

Auto-networking Allowing One-step Project Management

The switches can obtain the IP address automatically from the router and connect to the external network without configuration. It also supports auto-networking for the switches. Users can scan the serial number of any switch in the network using the mobile app to automatically add all switches in the network to the project.

Surge Protection Ensuring Product Stability

The 6kV surge protection of the port reduces the probability of being damaged by surges and improves the customer's network stability

Mobile App/ Ruijie Cloud Platform Remote Management

The switches are not only supporting web interface management, but also support mobile app and Ruijie Cloud platform remote management. Users can view the network status, modify the configuration, and troubleshoot at home.

Specifications

Specification	RG-NBS5100-24GT4SFP	RG-NBS5100-24GT4SFP-P	RG-NBS5100-48GT4SFP	RG-NBS5200-24GT4XS	RG-NBS5200-24GT4XS-P
10/100/1000Base-T ports	24	24	48	24	24
SFP ports	4	4	4	-	-
SFP+ ports	-	-	-	-	-
PoE/PoE+ ports	-	24	-	-	48
Max. PoE budget	-	370W	-	-	370W
Layer Type	Layer 3	Layer 3	Layer 3	Layer 3	Layer 3
Switching capacity	56 Gbps	56 Gbps	104 Gbps	128 Gbps	128 Gbps
Forwarding rate	95.24 Mpps	95.24 Mpps	95.24 Mpps	130.95 Mpps	130.95 Mpps
Packet Buffer	42 Mpps	42 Mpps	78 Mpps	96 Mpps	96 Mpps
MAC address table	12 Mbit	12 Mbit	12 Mbit	12 Mbit	12 Mbit
Maximum VLAN Support	4094	4094	4094	4094	4094
Dimensions (W x D x H)	440 mmx 207.5 mm x 43.6 mm	440 mmx 357.6 mm x 43.6 mm	440 mm x 267.5 mm x 43.6 mm	440 mm x 207.5 mm x 43.6 mm	440 mmx 357.6 mm x 43.6 mm
MTBF	> 200,000	> 200,000	> 200,000	> 200,000	> 200,000
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years
Specification	RG-NBS5200-24SFP/8GT4XS		RG-NBS5200-48GT4XS		RG-NBS5200-48GT4XS-UP
10/100/1000Base-T ports	8 (Combo)		48		48
SFP ports	24		-		-
SFP+ ports	4		4		4
PoE/PoE+ ports	-		-		48
Max. PoE budget	-		-		740W
Layer Type	Layer 3		Layer 3		Layer 3
Switching capacity	128 Gbps		216 Gbps		176 Gbps
Forwarding rate	95.24 Mpps		130.95 Mpps		130.95 Mpps
Packet Buffer	96 Mpps		132 Mpps		132 Mpps
MAC address table	12 Mbit		16Mbit		16Mbit
Maximum VLAN Support	4094		4094		4094
Dimensions (W x D x H)	440 mm x 267.5 mm x 43.6 mm		440 mmx 267.5 mm x 43.6 mm		440 mmx 357.6 mm x 43.6 mm
MTBF	> 200,000		> 200,000		> 200,000
Warranty	5 Years		5 Years		5 Years

Layer 2+ 10G Managed Switches

Ruijie RG-NBS3200 Series Switches are the next-generation high-performance, high-security and multi-service Layer 2+ Ethernet switches with gigabit and 10Gigabit ports. Adopting an efficient hardware architecture design and equipped with Ruijie's OpenWRT operating system, this switch series provides larger MAC address table size, faster hardware processing performance, and more convenient operating experience.



RG-NBS3200-24GT4XS

L2+ 28-Port Gigabit Managed Switch
24 Gigabit RJ45 Ports, 4 10G SFP+ Ports



RG-NBS3200-24SFP/8GT4XS

L2+ 36-Port Gigabit Managed Switch
24 SFP Ports, 8 Gigabit RJ45 Ports, 4 10G SFP+ Ports



RG-NBS3200-24GT4XS-P

L2+ 28-Port Gigabit Managed PoE Switch
24 Gigabit RJ45 Ports, 4 10G SFP+ Ports



RG-NBS3200-48GT4XS

L2+ 52-Port Gigabit Managed Switch
48 Gigabit RJ45 Ports, 4 10G SFP+ Ports



RG-NBS3200-48GT4XS-P

L2+ 52-Port Gigabit Managed PoE Switch
48 Gigabit RJ45 Ports, 4 10G SFP+ Ports

Energy Saving

The switches adopt the next-generation hardware architecture as well as advanced energy-saving circuit design and components to save energy for users while reducing noise pollution.

With Energy-Efficient Ethernet (EEE), if the port of RG-NBS3200 is idle for a continuous period of time, the system will set the port to energy-saving mode. When there is a need of packet transmission, RG-NBS3200 will wake up the port to resume service via signals sent on regular intervals to achieve energy saving.

Flexible VLAN Division

Reyee managed switches provide a convenient and flexible way to divide VLANs, allowing you to divide ports into different VLANs according to your needs. Users in different VLANs do not affect each other, creating a more stable network for users.

Auto-networking Allowing One-step Project Management

The switches can obtain the IP address automatically from the router and connect to the external network without configuration. It also supports auto-networking for the switches. Users can scan the serial number of any switch in the network using the mobile app to automatically add all switches in the network to the project.

Surge Protection Ensuring Product Stability

The 6KV surge protection of the port reduces the probability of being damaged by surges and improves the customer's network stability.

Mobile APP / Ruijie Cloud Platform Remote Management

The switches are not only supporting web interface management, but also supports mobile app and Ruijie Cloud platform remote management. Users can view the network status, modify the configuration, and troubleshoot at home.

Specifications

Specification	RG-NBS3200-24GT4XS	RG-NBS3200-24GT4XS-P	RG-NBS3200-24SFP/8GT4XS	RG-NBS3200-48GT4XS	RG-NBS3200-48GT4XS-P
10/100/1000Base-T ports	24	24	8 (Combo)	48	48
SFP ports	-	-	24	-	-
SFP+ ports	4	4	4	4	4
PoE/PoE+ ports	-	24	-	-	48
Max. PoE budget	-	370W	-	-	370W
Layer Type	Layer 2+	Layer 2+	Layer 2+	Layer 2+	Layer 2+
Switching capacity	128 Gbps	128 Gbps	128 Gbps	176 Gbps	176 Gbps
Forwarding rate	95.24 Mpps	95.24 Mpps	95.24 Mpps	130.95 Mpps	130.95 Mpps
Packet Buffer	12 Mbit	12 Mbit	12 Mbit	16 Mbit	16 Mbit
MAC address table	16000	16000	16000	16000	16000
Maximum VLAN Support	4094	4094	4094	4094	4094
Dimensions (W x D x H)	440 mmx 207.5 mm x 43.6 mm	440 mmx 357.6 mm x 43.6 mm	440 mm x 267.5 mm x 43.6 mm	440 mmx 267.5 mm x 43.6 mm	440 mmx 357.6 mm x 43.6 mm
Weight (With package)	2.9 kg	4.75 kg	3.35 kg	3.6 kg	5.4 kg
MTBF	> 200,000	> 200,000	> 200,000	> 200,000	> 200,000
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years

L2 Gigabit Managed Switches

Ruijie Reyeer RG-NBS3100 Managed Switch Series satisfies a variety of network needs, including basic VLAN configuration and advanced security features such as ACL. The models with suffix -P support PoE, which can meet the PoE requirements of wireless APs, digital cameras and other devices in various scenarios.



RG-NBS3100-24GT4SFP

L2 28-Port Gigabit Managed Switch
24 Gigabit RJ45 Ports, 4 SFP Ports



RG-NBS3100-8GT2SFP

L2 10-Port Gigabit Managed Switch
8 Gigabit RJ45 Ports, 4 SFP Ports



RG-NBS3100-24GT4SFP-P

L2 28-Port Gigabit Managed PoE Switch
24 Gigabit RJ45 Ports, 4 SFP Ports



RG-NBS3100-8GT2SFP-P

L2 10-Port Gigabit Managed PoE Switch
8 Gigabit RJ45 Ports, 2 SFP Ports



RG-NBS3100-48GT4SFP-P

L2 52-Port Gigabit Managed PoE Switch
48 Gigabit RJ45 Ports, 4 SFP Ports



RG-NBS3100-8GT2SFP-P-V2

L2 10-Port Gigabit Layer 2 Managed PoE Switch
2 SFP Uplink



RG-NBS3100-24GT4SFP-V2

L2 28-Port Gigabit Layer 2 Managed non-PoE Switch
4 SFP Uplink



RG-NBS3100-24GT4SFP-P-V2

28-Port Gigabit Layer 2 Managed PoE Switch
4 SFP Uplink

Flexible VLAN Division

Reyeer managed switches provide a convenient and flexible way to divide VLANs, allowing you to divide ports into different VLANs according to your needs. Users in different VLANs do not affect each other, creating a more stable network for the users.

Surge Protection Ensuring Product Stability

The 6KV surge protection of the port reduces the probability of being damaged by surges and improves the customer's network stability.

Auto-networking Allowing One-step Project Management

The switches can obtain the IP address automatically from the router and connect to the external network without configuration. It also supports auto-networking for the switches. Users can scan the serial number of any switch in the network using the mobile app to automatically add all switches in the network to the project.

Mobile App / Ruijie Cloud Platform Remote Management

The switches are not only supporting web interface management, but also supports mobile app and Ruijie Cloud platform remote management. Users can view the network status, modify the configuration, and troubleshoot at home.

Specifications

Model	RG-NBS3100-8GT2SFP	RG-NBS3100-8GT2SFP-P	RG-NBS3100-24GT4SFP	RG-NBS3100-24GT4SFP-P
10/100/1000Base-T ports	8	8	24	24
SFP ports	2	2	4	4
SFP+ ports	-	-	-	-
PoE/PoE+ ports	-	8	FALES	24
Max. PoE budget	-	125W	-	370W
Layer Type	Layer 2	Layer 2	Layer 2	Layer 2
Switching capacity	20 Gbps	20 Gbps	56 Gbps	56 Gbps
Forwarding rate	14.88 Mpps	14.88 Mpps	41.67 Mpps	41.67 Mpps
Packet Buffer	4.1 Mbit	4.1 Mbit	4.1 Mbit	4.1 Mbit
MAC address table	8000	8000	8000	8000
Maximum VLAN Support	4094	4094	4094	4094
Dimensions (W x D x H)	260 mm x 120 mm x 43.6 mm	330 mm x 220 mm x 43.6 mm	440 mm x 165 mm x 44 mm	440 mm x 293 mm x 44 mm
Weight (With package)	1.2 kg	2 kg	2.4 kg	4.5 kg
MTBF	> 200,000	> 200,000	> 200,000	> 200,000
Warranty	5 Years	5 Years	5 Years	5 Years
Model	RG-NBS3100-48GT4SFP-P	RG-NBS3100-8GT2SFP-P-V2	RG-NBS3100-24GT4SFP-V2	RG-NBS3100-24GT4SFP-P-V2
10/100/1000Base-T ports	48	8	24	24
SFP ports	4	2	4	4
SFP+ ports	-	-	-	-
PoE/PoE+ ports	48	8	FALES	24
Max. PoE budget	370W	125W	-	370W
Layer Type	Layer 2	Layer 2	Layer 2	Layer 2
Switching capacity	104 Gbps	20 Gbps	56 Gbps	56 Gbps
Forwarding rate	77.37 Mpps	14.88 Mpps	41.67 Mpps	41.67 Mpps
Packet Buffer	16 Mbit	4.1 Mbit	4.1 Mbit	4.1 Mbit
MAC address table	16,000	8000	8000	8000
Maximum VLAN Support	4094	4094	4094	4094
Dimensions (W x D x H)	300mm x 357.6mm x 43.6mm	300mm x 205mm x 44mm	440 mm x 165 mm x 44 mm	440 mm x 293 mm x 44 mm
Weight (With package)	5.4 kg	2 kg	2.4 kg	4.5 kg
MTBF	> 200,000	> 200,000	> 200,000	> 200,000
Warranty	5 Years	5 Years	5 Years	5 Years

NIS3100 Series Managed Layer 2 Industrial Switch

RG-NIS3100 industrial switch excels in demanding environments with efficient heat dissipation, IP40 dust resistance, and robust features. Its use of industrial-grade chips enables reliable operation in temperatures from -40° C to 80° C. Its all-aluminum alloy casing ensures optimal heat dissipation and consistent performance, making it a dependable choice in challenging settings.



RG-NIS3100-8GT4SFP-HP

12-Port Gigabit Managed Switch
with 8 PoE+ Ports



RG-NIS3100-8GT2SFP-HP

10-Port Gigabit Managed Switch
with 8 PoE+ Ports, 2 SFP Uplink Ports



RG-NIS3100-4GT2SFP-HP

6-Port Gigabit Managed Switch
with 4 PoE+ Ports, 2 SFP Uplink Ports

Specifications

Model	NIS3100-8GT4SFP-HP	NIS3100-8GT2SFP-HP	NIS3100-4GT2SFP-HP
10/100/1000Base-T ports	8	8	4
SFP ports	4	2	2
PoE/PoE+ ports	8	8	4
Max. PoE budget	240w	240w	120w
PoE Power Output	Per port 56V DC, max 30 watts	Per port 56V DC, max 30 watts	Per port 56V DC, max 30 watts
Power Pin Assignment	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)
Poe Power Budget	60W (Input : 12V-20V) 120W (Input : 21V-45V) 240W (Input : 46V-56V)	60W (Input : 12V-20V) 120W (Input : 21V-45V) 240W (Input : 46V-56V)	60W (Input : 12V-20V) 120W (Input : 21V-45V) 240W (Input : 46V-56V)
Extend Mode	250 meters	250 meters	250 meters
Layer Type	Layer 2	Layer 2	Layer 2
Switching capacity	24Gbps	20Gbps	12Gbps
Forwarding rate	17.857Mpps	14.88Mpps	8.928Mpps
Packet Buffer	4.1 Mbit	4.1 Mbit	4.1 Mbit
SDRAM	256MB	256MB	256MB
MAC address table	8,000	8,000	8,000
Maximum VLAN Support	4094	4094	4094
Dimensions (W x D x H)	85*132*165	85*132*165	85*132*165
Weight (With package)	1.93kg	1.91kg	1.86kg
MTBF	250,000 Hours	250,000 Hours	250,000 Hours
Warranty	5 Years	5 Years	5 Years

NIS2100 Series Cloud-Managed Layer 2 Industrial Switch

RG-NIS2100 industrial switch excels in demanding environments with efficient heat dissipation, IP40 dust resistance, and robust features. Its aluminum alloy casing ensures optimal heat dissipation and consistent performance and enables reliable operation in temperatures from -40° C to 75° C, making it a dependable choice in challenging settings.



RG-NIS2100-8GT2SFP-HP

10-Ports Gigabit Managed Switch
with 1 PoE++Port, 7 PoE+ Ports, 2 SFP Uplink Ports



RG-NIS2100-4GT2SFP-HP

6-Ports Gigabit Managed Switch
with 1 PoE++Port, 3 PoE+ Ports, 2 SFP Uplink Ports

Model	RG-NIS2100-8GT2SFP-HP	RG-NIS2100-4GT2SFP-HP
Total Number of RJ45 Ports	8	4
Total Number of Optical Ports	2	2
Number of 1 Gbps SFP Ports	2	2
Number of 10/100/1000BASE-T Ports	8	4
Number of PoE Ports	8	4
Number of PoE/PoE+ Ports	8	4
Number of PoE/PoE+/PoE++ Ports	1	1
Max. PoE Power Budget	Default: 228 W Max.: 300 W (adjustable on the web interface)	Default: 108 W Max.: 180 W (adjustable on the web interface)
Extend Mode (Long-Range Transmission)	Support (Ports 5 to 8)	Support (Ports 3 and 4)
Layer	Layer 2	Layer 2
Switching Capacity	20 Gbps	12 Gbps
Forwarding Rate	14.8 Mpps	8.9 Mpps
MAC Address Table Size	8,000	8,000
Max. Number of VLANs	16	16
Dimensions (W x D x H)	50 mm x 155 mm x 130 mm (1.97 in. x 6.10 in. x 5.12 in.)	50 mm x 155 mm x 130 mm (1.97 in. x 6.10 in. x 5.12 in.)
Net Weight	0.79 kg (1.74 lbs)	0.77 kg (1.70 lbs)
Mean Time Between Failure (MTBF)	> 200,000 hours	> 200,000 hours
Warranty	5 years	5 years

L2 Cloud Switches for IP Surveillance

Ruijie Reyee ES200 series PoE switches is a series of cloud managed switches launched by Ruijie to solve the pain points of the current video surveillance industry. Ruijie Reyee Cloud managed switches offer a variety of port options to meet the needs of IP surveillance networks of different scales.

Ruijie Reyee ES200 Series cloud managed switches provide simple and easy-to-use management features while offering plug and play with default factory configuration, which can quickly locate the surveillance network faults, initiate PoE port restart, perform VLAN configuration, etc. Mobile app and Ruijie Cloud remote management is also supported, making the operation and maintenance of the surveillance network easier and more convenient, while reducing operation and maintenance costs.



RG-ES206GC-P
6-Port Gigabit PoE+ Cloud Managed Switch

6 Gigabit RJ45 ports including 4 PoE ports
 54W PoE budget, desktop steel casing



RG-ES205GC-P
5-Port Gigabit PoE+ Cloud Managed Switch

5 Gigabit RJ45 Ports Including 4 PoE Ports,
 54W PoE Budget, Desktop Steel Casing



RG-ES218GC-P
16-Port Gigabit PoE+ Cloud Managed Switch

16 Gigabit RJ45 Ports, 2 SFP Ports, 240W PoE Budget,
 13-inch Rack-mountable Steel Casing



RG-ES206GS-P
6-Port Gigabit Smart Cloud Managed PoE Switch

6-Port Gigabit Managed Switch with 4 PoE+ Ports,
 1 Combo Port



RG-ES220GS-P,
20-Port Gigabit Smart Cloud Managed PoE Switch

20-Port Gigabit Managed Switch with 16 PoE+ Ports,
 2 SFP Ports



RG-ES210GC-LP
10-Port Gigabit PoE+ Cloud Managed Switch

10 Gigabit RJ45 ports including 8 PoE ports
 70W PoE budget, desktop steel casing



RG-ES209GC-P
9-Port Gigabit PoE+ Cloud Managed Switch

9 Gigabit Ports Including 8 PoE ports,
 120W PoE Budget, Desktop Steel Casing



RG-ES226GC-P
24-Port Gigabit PoE+ Cloud Managed Switch

24 Gigabit RJ45 Ports, 2 SFP Ports, 370W PoE Budget,
 13-inch Rack-mountable Steel Casing



RG-ES210GS-P
10-Port Gigabit Smart Cloud Managed PoE Switch

10-Port Gigabit Managed Switch with 8 PoE+ Ports,
 1 Combo Port



RG-ES228GS-P
28-Port Gigabit Smart Cloud Managed PoE Switch

28-Port Gigabit Managed Switch with 24 PoE+ Ports,
 2 SFP Ports

Plug and Play with Zero Configuration

Under factory default state, the smart surveillance switches require zero configuration after plugged in. The video surveillance network can be set up quickly after connecting the devices correctly.

Auto PoE Power Adjustment for Safety and Energy Saving

The PoE ports support 802.3af and 802.3at, providing sufficient power to the connected device. The switches will negotiate with the connected devices to automatically adjust the PoE power, thereby saving energy.

When the PoE port is connected to non-PoE device, the switch will not output power to such device to ensure equipment safety.

On-demand VLAN configuration

In the network of villas/ stores/ offices, the network cameras and wireless APs may be connected to the same switch. Without network isolation, there may be problems such as camera screen lag and slow wireless speed.

The smart surveillance switches provide convenient and flexible VLAN division, which can automatically divide different VLANs according to the type of equipment connected to the port, so that the surveillance network and data network do not interfere with each other, improving the stability of the entire network.

High compatibility for network cable

The smart surveillance switches not only support standard cat5/5e/6 network cables, but also support data transmission via network cables of non-standard materials (such as 0.38/0.40/0.45-diameter copper-clad steel/iron), facilitating the construction and cabling.

Full-power PoE supporting PoE Cameras at Maximum Capacity

The smart surveillance switches support full-power PoE output, powering PoE network cameras for all PoE ports simultaneously. It can ensure that all PoE network cameras are powered 24 hours a day.

the customer's network stability.

Fast Fault Positioning

The smart surveillance switches support monitoring the network status in real time. When failure occurs, the location and cause of failure can be displayed in a timely manner, and the notification can be sent via the mobile app.

Multiple Deployment Methods Allowing One-step Project Management

The switches can obtain the IP address automatically from the router and connect to the external network without configuration. It also supports auto-networking for the switches. Users can scan the serial number of any switch in the network using the mobile app to automatically add all switches in the network to the project.

Mobile APP / Ruijie Cloud Platform Remote Management

The switches are not only supporting web interface management, but also supports mobile app and Ruijie Cloud platform remote management. Users can view the network status, modify the configuration, and troubleshoot at home.

Specifications

Model	RG-ES205GC-P	RG-ES206GC-P	RG-ES209GC-P
Switching capacity	10Gbps	12Gbps	18Gbps
Switching Cache	1Mbit	1Mbit	1.5Mbit
Package forwarding rate	7.44Mpps	8.9Mpps	13.392Mpps
Ports	4 10/100/1000 Base-T ports (PoE/PoE+) 1 10/100/1000 Base-T uplink port	4 10/100/1000 Base-T ports (PoE/PoE+) 2 10/100/1000 Base-T uplink port	8 10/100/1000 Base-T ports (PoE/PoE+) 1 10/100/1000 Base-T uplink port
PoE Standard	IEEE 802.3at / 802.af		
PoE Power Budget	54W	54W	120W
Speed / Duplex mode	Auto / Half / Full duplex Speed auto / 10/ 100 /1000		
MAC address	2K	4K	4K
Maximum Number of VLANs	16		
Allowed VLAN ID	1 - 4094		
Port-based VLAN	Support		
Flow Control	Support		
Loop Protection	Support		
Unknown Unicast Suppression	Support		
Multicast / Broadcast Storm Suppression	Support		
Mirroring	Many-to-One Mirroring		
Port Isolation	Support		
Cable Testing	Support		
DNS	DNS Client		
Telnet	Support		
MACC	Support		
Port Surge	Common mode: 4KV		
Electrostatic Discharge	Air discharge: 6KV Contact discharge: 4KV		
Power Consumption	≤ 60W	≤ 60W	≤ 130W
Power supply	External power adapter 100-240V		
Dimensions (W x D x H)	148mm*78mm*26mm	148mm*78mm*26mm	202*108*28mm
Weight	0.9 kg (with package)	0.9 kg (with package)	1.3 kg (with package)
MTBF	>200K		

Model	RG-ES205GC-P	RG-ES206GC-P	RG-ES209GC-P
Operating temperature	0 to 40° C		
Storage temperature	-40~70°C		
Operating humidity	10% to 90% RH		
Storage humidity	5% to 95% RH		
Operating Altitude	-500 ~ 5000 meters		
FAN	Fanless		
Management	Support management and configuration through web management interface, MACC cloud platform and mobile app		
Safety Standard Ground Resistance	GB4943-2011, EN 62638-1		
EMC	GB9254-2008, EN 55032, EN61000-3-2, EN61000-3-3, EN 55035		

Model	RG-ES210GC-LP	RG-ES218GC-P	RG-ES226GC-P
Switching capacity	20Gbps	36Gbps	52Gbps
Switching Cache	1.5Mbit	4.1Mbit	4.1Mbit
Package forwarding rate	14.8Mpps	26.8Mpps	38.7Mpps
Ports	8 10/100/1000 Base-T ports (PoE/PoE+), 2 10/100/1000 Base-T uplink port	16 10/100/1000 Base-T ports (PoE/PoE+), 2 10/100/1000 Base-X SFP uplink port	24 10/100/1000 Base-T ports (PoE/PoE+), 2 10/100/1000 Base-X SFP uplink port
PoE Standard	IEEE 802.3at / 802.af		
PoE Power Budget	70W	240W	370W
Speed / Duplex mode	Auto / Half / Full duplex Speed auto / 10/ 100 /1000		
MAC address	4K	8K	8K
Maximum Number of VLANs	16		
Allowed VLAN ID	1 ~ 4094		
Port-based VLAN	Support		
Flow Control	Support		
Loop Protection	Support		
Unknown Unicast Suppression	Support		
Multicast / Broadcast Storm Suppression	Support		
Mirroring	Many-to-One Mirroring		
Port Isolation	Support		
Cable Testing	Support		
DNS	DNS Client		
Telnet	Support		
MACC	Support		
Port Surge	Common mode: 4KV		
Electrostatic Discharge	Air discharge: 6KV Contact discharge: 4KV		
Power Consumption	≤ 80W	≤ 280W	≤ 443W
Power supply	External power adapter 100-240V	Built-in power supply	
Dimensions (W x D x H)	202 x 108 x 28 mm	300 x 230 x 43.6mm	440 x 289 x 43.6mm
Weight	1.3 kg (with package)	3.5 kg (with package)	4.2 kg (with package)
MTBF	>200K		
Operating temperature	0 to 40° C		
Storage temperature	-40~70°C		
Operating humidity	10% to 90% RH		
Storage humidity	5% to 95% RH		
Operating Altitude	-500 ~ 5000 meters		
FAN	Fanless	Supports adaptive speed adjustment. The fan stops running when the ambient temperature is lower than 25° Cand the PoE power is less than 120W.	
Management	Support management and configuration through web management interface, MACC cloud platform and mobile app		
Safety Standard Ground Resistance	GB4943-2011, EN 62638-1		
EMC	GB9254-2008, EN 55032, EN61000-3-2, EN61000-3-3, EN 55035		

Model	RG-ES206GS-P	RG-ES210GS-P	RG-ES220GS-P	RG-ES228GS-P
Switching capacity	12 Gbps	20 Gbps	40Gbps	56 Gbps
Switching Cache	1.5Mbit	1.5Mbit	4.1Mbit	4.1Mbit
Package forwarding rate	8.93Mpps	14.8Mpps	29.76Mpps	41.664Mpps
Ports	6 10/100/1000Base-T ports (PoE/PoE+) 1 1000Base-X Combo SFP port	10 10/100/1000Base-T ports (PoE/PoE+) 1 1000Base-X Combo SFP port	16 10/100/1000Base-T ports (PoE/PoE+) 2 10/100/1000Base-T ports(Non-PoE) 2 1000Base-X SFP port	24 10/100/1000Base-T ports (PoE/PoE+) 2 10/100/1000Base-T ports(Non-PoE) 2 1000Base-X SFP port
PoE Standard	IEEE 802.3at/802.3at			
PoE Power Budget	54W	120W	250W	370W
Speed / Duplex mode	Auto/Full/Half Duplex Negotiation 10/100/1000M			
MAC address	4K	4K	8k	8K
Maximum Number of VLANs	16			
Allowed VLAN ID	1 ~ 4094			
Port-based VLAN	Support			
Flow Control	Support			
Loop Protection	Support			
Unknown Unicast Suppression	Support			
Multicast / Broadcast Storm Suppression	Support			
Mirroring	Many-to-One Mirroring			
Port Isolation	Support			
Cable Testing	Support			
DNS	DNS Client			
Telnet	1 session			
MACC	Support			
Port Surge	6 kV	6 kV	4 kV	4 kV
Electrostatic Discharge	Air discharge:8KV Contact discharge:6KV			
Power Consumption	≤ 60W	≤ 130W	≤ 269W	≤ 391W
Power supply	54V DC adapter, 1.1A	54V DC adapter, 2.4A	100 - 240V AC, 4.5A	100 - 240V AC, 6A
Dimensions (W x D x H)	148 mm x 78 mm x 26 mm	202 mm x 108 mm x 28 mm	300 mm x 223 mm x 43.6 mm	440 mm x 214.9 mm x 44 mm
Weight	1.2kg	1.38kg	2.8kg	4.0kg
MTBF	>200K			
Operating temperature	0° C to 40° C (32° F to 104° F)	0° C to 40° C (32° F to 104° F)	0° C to 40° C (32° F to 104° F)	0° C to 40° C (32° F to 104° F)
Storage temperature	-40° C to 70° C (-40° F to 158° F)	-40° C to 70° C (-40° F to 158° F)	-40° C to 70° C (-40° F to 158° F)	-40° C to 70° C (-40° F to 158° F)
Operating humidity	10% to 90% RH	10% to 90% RH	10% to 90% RH	10% to 90% RH
Storage humidity	5% to 95% RH	5% to 95% RH	5% to 95% RH	5% to 95% RH
Operating Altitude	-500 to 5000	-500 to 5000	-500 to 5000	-500 to 5000
FAN	-	-	Built-in, lower than 25 °C stop running	Built-in, lower than 25 °C stop running
Warranty	3 Years	3 Years	3 Years	3 Years

L2 Cloud Managed Switches for IP Surveillance

In addition to the Ruijie Reyee Cloud managed PoE switches, this series offers a 16-port and a 24-port non-PoE Gigabit switch to meet the customers' needs for cloud management in non-PoE circumstances, such as PC, printer, and non-PoE cameras.



RG-ES205GC 5-Port Gigabit Cloud Managed Switch

5 Gigabit RJ45 ports, desktop steel casing



RG-ES208GC 8-Port Gigabit Cloud Managed Switch

8 Gigabit RJ45 ports, desktop steel casing



RG-ES224GC 24-Port Gigabit Cloud Managed Switch

24 Gigabit RJ45 Ports, 19-inch Rack-mountable Steel Casing



RG-ES216GC 16-Port Gigabit Cloud Managed Switch

16 Gigabit RJ45 Ports, 19-inch Rack-mountable Steel Casing

Plug and Play with Zero Configuration

Under factory default state, the smart surveillance switches require zero configuration after plugged in. The video surveillance network can be set up quickly after connecting the devices correctly.

On-demand VLAN Configuration

The smart surveillance switches provide convenient and flexible VLAN division, so that the surveillance network and data network do not interfere with each other, improving the stability of the entire network.

High Compatibility for Network Cable

The smart surveillance switches not only support standard network cables, but also support power supply and data transmission via network cables of non-standard materials, facilitating the construction and cabling.

Fast Fault Positioning

The smart surveillance switches support monitoring the network status in real time. When failure occurs, the location and cause of failure can be displayed in a timely manner, and the notification can be sent via the mobile app.

Mobile APP / Ruijie Cloud Platform Remote Management

The switches are not only supporting web interface management, but also supports mobile app and Ruijie Cloud platform remote management. Users can view the network status, modify the configuration, and troubleshoot at home.

Multiple Deployment Methods Allowing One-Step Project Management

The switches can obtain the IP address automatically from the router and connect to the external network without configuration. It also supports auto-networking for the switches. Users can scan the serial number of any switch in the network using the mobile app to automatically add all switches in the network to the project.

Specifications

Specification	RG-ES205GC	RG-ES205GC	RG-ES206GC	RG-ES208GC	RG-ES209GC	RG-ES210GC-L	RG-ES216GC	RG-ES218GC	RG-ES224GC	RG-ES226GC
10/100/1000Base-T ports	5	5	6	8	9	10	16	16	24	24
1000Base-X SFP ports	-	-	-	-	-	-	-	2	-	2
PoE/PoE+ ports	4	-	4	-	8	8	-	16	-	24
Max. PoE budget	54W	-	54W	-	120W	70W	-	240W	-	370W
Layer Type	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2
Switching capacity	10 Gbps	10 Gbps	12 Gbps	16 Gbps	18 Gbps	20 Gbps	32 Gbps	36 Gbps	48 Gbps	52 Gbps
Forwarding rate	7.44 Mpps	7.44 Mpps	8.93 Mpps	11.90 Mpps	13.39 Mpps	14.88 Mpps	23.81 Mpps	26.78 Mpps	35.71 Mpps	38.69 Mpps
Packet Buffer	1 Mbit	1 Mbit	1 Mbit	1.5 Mbit	1.5 Mbit	1.5 Mbit	4.1 Mbit	4.1 Mbit	4.1 Mbit	4.1 Mbit
MAC address table	42 Mpps	42 Mpps	42 Mpps	78 Mpps	96 Mpps	96 Mpps	96 Mpps	96 Mpps	96 Mpps	132 Mpps
Maximum VLAN Support	2000	2000	4000	4000	4000	4000	8000	8000	8000	8000
Dimensions (W x D x H)	16	16	16	16	16	16	16	16	16	16
Weight (With package)	148 mm x 78 mm x 26 mm	119 mm x 75 mm x 24 mm	148 mm x 78 mm x 26 mm	160 mm x 75 mm x 24 mm	202 mm x 108 mm x 28 mm	202 mm x 108 mm x 28 mm	440 mm x 165 mm x 44 mm	300 mm x 230 mm x 43.6 mm	440 mm x 165 mm x 44 mm	440 mm x 289 mm x 43.6 mm
MTBF	> 200,000	> 200,000	> 200,000	> 200,000	> 200,000	> 200,000	> 200,000	> 200,000	> 200,000	> 200,000
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years

Unmanaged Switches

Ruijie Reyee New ES100 series are cost-effective unmanaged switches with superior performance and great stability. The PoE model supports watchdog and extend mode which can meet the requirements of various scenarios. Ruijie Reyee RG-ES105D/RG-ES108D/RG-ES105GD/ RG-ES108GD are cost-effective unmanaged access switches with metal casing designed for SMEs.



RG-ES105D
5-Port Fast Ethernet Unmanaged Switch

5 10/100BASE-T Ethernet RJ45 Ports, Steel Casing



RG-ES108D
8-Port Fast Ethernet Unmanaged Switch

8 10/100BASE-T Ethernet RJ45 Ports, Steel Casing



RG-ES105GD
5-Port Gigabit Unmanaged Switch

5 10/100/1000BASE-T Ports, Steel Casing



RG-ES108GD
8-Port Gigabit Unmanaged Switch

8 10/100/1000BASE-T Ports, Steel Casing



RG-ES106D-P V2
6-port 10/100Mbps Desktop Unmanaged Switch



RG-ES110D-P
8-port 10/100Mbps Desktop Unmanaged Switch



RG-ES118S-LP
16-port 10/100Mbps Desktop Unmanaged Switch



RG-ES126S-LP V2
24-Port 10/100 Mbps with 2-Port Gigabit Rackmount PoE Switch



RG-ES126S-P V2
24-Port 10/100 Mbps with 2-Port Gigabit Rackmount PoE Switch



RG-ES110GDS-P
10-port 10/100/1000Mbps Unmanaged PoE Switch



RG-ES116G
16-port 10/100/1000Mbps Unmanaged Non-PoE Switch



RG-ES118GS-P
18-port 10/100/1000Mbps Unmanaged PoE Switch



RG-ES124GD
24-port 10/100/1000Mbps Unmanaged Switch



RG-ES116G-L
16-port 10/100/1000Mbps Unmanaged Non-PoE Switch



RG-ES124G-L
24-port 10/100/1000Mbps Unmanaged Non-PoE Switch



RG-ES106F-P
6-port 10/100Mbps Unmanaged PoE Switch



RG-ES110F-P
10-port 10/100Mbps Unmanaged PoE Switch



RG-ES110FG-P
8-port 10/100Mbps with 2-Port Gigabit Unmanaged PoE Switch



RG-ES110GS-P-L
10-port 10/100/1000Mbps Unmanaged PoE Switch



RG-ES118FGS-LP
16-port 10/100Mbps with 2-Port Gigabit Unmanaged PoE Switch



RG-ES118GS-P-L
18-port 10/100/1000Mbps Unmanaged PoE Switch



RG-ES126FGS-LP
24-port 10/100Mbps with 2-Port Gigabit Unmanaged PoE Switch



RG-ES126FGS-P
24-port 10/100Mbps with 2-Port Gigabit Unmanaged PoE Switch

Plug and Play

RG-ES100 Series supports self-adaptive ports and plug-and-play feature with zero configuration.

Enterprise-Grade Quality

The high-quality 8-core network cable and enterprise-grade components ensure no packet loss or lagging for data transmission.

Easy to Install

The compact size allows easy installation in the ELV box at home or the waterproof surveillance junction box, as it only takes up little space.

Metal Casing

The entire casing is made of metal which provides better heat dissipation.

RG-ES05F/RG-ES08F/RG-ES05G-L/RG-ES08G-L are switches tailored for small enterprises, small-scale surveillance and SOHO.



RG-ES05F
5-port 10/100Mbps Unmanaged Non-PoE Switch



RG-ES08F
8-port 10/100Mbps Unmanaged Non-PoE Switch



RG-ES05G-L
5-port 10/100/1000Mbps Unmanaged Non-PoE Switch



RG-ES08G-L
8-port 10/100/1000Mbps Unmanaged Non-PoE Switch

Specifications

Specification	RG-ES106F-P	RG-ES110F-P	RG-ES110FG-P	RG-ES110GS-P-L	RG-ES116G-L
Downlink Ports	4 x 10/100BASE-T	8 x 10/100BASE-T	8 x 10/100BASE-T	8 x 10/100/1000BASE-T	16 x 10/100/1000BASE-T
Uplink Ports	2 x 10/100BASE-T	2 x 10/100BASE-T	2 x 10/100/1000BASE-T	1 x 10/100/1000BASE-T 1 x 1000BASE-X SFP	-
PoE/PoE+ ports	4	8	8	8	-
Max. PoE budget	54w	110w	110w	120w	-
Layer Type	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Switching capacity	1.2Gbps	2.0Gbps	5.6Gbps	20Gbps	32Gbps
Forwarding rate	0.89Mpps	1.48Mpps	4.17Mpps	14.8Mpps	23.8Mpps
MAC address table	2000	8000	8000	4000	8000
Dimensions (W x D x H)	166mm x 132.6mm x 43mm	166mm x 132.6mm x 43mm	166mm x 132.6mm x 43mm	190mm x 150mm x 43mm	280mm x 125mm x 43.6mm
Weight (With package)	0.96KG	1.22KG	1.22KG	1.44KG	1.78KG
Warranty	3Years	3Years	3Years	3Years	3Years

Specification	RG-ES118FGS-LP	RG-ES118GS-P-L	RG-ES124G-L	RG-ES126FGS-LP	RG-ES126FGS-P
Downlink Ports	16 x 10/100BASE-T	16 x 10/100/1000BASE-T	24 x 10/100/1000BASE-T	24 x 10/100BASE-T	24 x 10/100BASE-T
Uplink Ports	2 x 10/100/1000BASE-T with 2 Combo ports	2 x 1000BASE-X SFP	-	2 x 10/100/1000BASE-T with 1 Combo port	2 x 10/100/1000BASE-T with 1 Combo port
PoE/PoE+ ports	16	16	-	24	24
Max. PoE budget	120w	247w	-	180w	370w
Layer Type	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Switching capacity	7.2Gbps	36Gbps	48Gbps	8.8Gbps	8.8Gbps
Forwarding rate	5.35Mpps	26.8Mpps	35.7Mpps	6.55Mpps	6.55Mpps
MAC address table	8000	8000	8000	8000	8000
Dimensions (W x D x H)	440mm x 214.9mm x 44mm	440mm x 214.9mm x 44mm	280mm x 125mm x 43.6mm	440mm x 214.9mm x 44mm	440mm x 214.9mm x 44mm

Specification	RG-ES05F	RG-ES08F	RG-ES05G-L	RG-ES08G-L
Downlink Ports	5 x 10/100BASE-T	8 x 10/100BASE-T	5 x 10/100/1000BASE-T	8 x 10/100/1000BASE-T
Uplink Ports	-	-	-	-
PoE/PoE+ ports	-	-	-	-
Max. PoE budget	-	-	-	-
Layer Type	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Switching capacity	1Gbps	1.6Gbps	10Gbps	16Gbps
Forwarding rate	0.744Mpps	1.19Mpps	7.44Mpps	11.9Mpps
MAC address table	2000	2000	2000	4000
Dimensions (W x D x H)	85mm x 52mm x 23.5mm	124mm x 60mm x 24mm	85mm x 52mm x 23.5mm	124mm x 60mm x 24mm
Weight (With package)	0.21KG	0.25KG	0.22KG	0.27KG
Warranty	3Years	3Years	3Years	3Years

Model	ES105D	ES108D	ES105GD	ES108GD
Ports	5 10/100Mbps RJ45 ports	8 10/100Mbps RJ45 ports	5 10/100/1000Mbps RJ45 ports	8 10/100/1000Mbps RJ45 ports
Maximum port forwarding rate	100Mbps	100Mbps	1000Mbps	1000Mbps
Auto-MDI/MDIX	Support	Support	Support	Support
MAC address	1K	2K	2K	8K
Backplane bandwidth	1Gbps	1.6Gbps	10Gbps	16Gbps
Maximum packet forwarding rate	744Kpps	1.19Mpps	7.44Mpps	11.9Mpps
LED indicator	Link/Act status LED indicator for each port, Power indicator	Link/Act status LED indicator for each port, Power indicator	Link/Act status LED indicator for each port, Power indicator	Link/Act status LED indicator for each port, Power indicator
Dimensions (W x D x H)	119mm*62mm*24mm	160mm*75mm*24mm	119mm*62mm*24mm	160mm*75mm*24mm
Power input / output	External 5VDC 1.0A	External 5VDC 1.0A	External 5VDC 1.0A	External 5VDC 1.0A
Maximum power consumption	≤5W	≤5W	≤5W	≤5W
Temperature	Operating temperature: 0 °C ~ 40 °C Storage temperature: -40 °C ~ 70 °C	Operating temperature: 0 °C ~ 40 °C Storage temperature: -40 °C ~ 70 °C	Operating temperature: 0 °C ~ 40 °C Storage temperature: -40 °C ~ 70 °C	Operating temperature: 0 °C ~ 40 °C Storage temperature: -40 °C ~ 70 °C
Humidity	Operating humidity: 10% ~ 90% non-condensing Storage humidity: 5% ~ 90% non-condensing	Operating humidity: 10% ~ 90% non-condensing Storage humidity: 5% ~ 90% non-condensing	Operating humidity: 10% ~ 90% non-condensing Storage humidity: 5% ~ 90% non-condensing	Operating humidity: 10% ~ 90% non-condensing Storage humidity: 5% ~ 90% non-condensing

Model	RG-ES05	RG-ES05G	RG-ES08	RG-ES08G
Ports	5 10/100M Base-T ports	5 10/100/1000M Base-T ports	8 10/100M Base-T ports	8 10/100/1000M Base-T ports
Operating mode	Half-duplex, full-duplex, auto-negotiation mode Support auto MDI/MDIX			
Backplane bandwidth	1Gbps	10Gbps	1.6Gbps	16Gbps
Packet forwarding rate	0.744Mpps	7.44Mpps	1.1904Mpps	11.904Mpps
MAC address	1K	2K	1K	4K
Power supply	External, DC 5.0V / 600mA	External, DC 5.0V / 600mA	External, DC 5.0V / 600mA	External, DC 9.0V / 600mA
Maximum power consumption	≤2.5W	≤3W	≤3.5W	≤6.5W
Fan	Fanless	Fanless	Fanless	Fanless
Dimensions (W x D x H)	108.1mm*64mm*24.8mm	108.1mm*64mm*24.8mm	144mm*85mm*23mm	144mm*85mm*23mm
Temperature	Operating temperature: 0 °C ~ 40 °C Storage temperature: -40 °C ~ 70 °C			
Humidity	Operating humidity: 10% ~ 90% RH Storage humidity: 5% ~ 95% RH			

08

Router



Ruijie Reyeeg RG-EG series Router is a cloud managed router designed for villas and smart home, restaurant, small offices, homestay hotel. It is affordable, small and easy to use, but at the same time comes with 600M-4G bandwidth and supporting up to 1500 terminals.

RG-EG series can perform per-port VLAN configuration to achieve port isolation and integrate with smart flow control to achieve comprehensive network planning and perform local and remote network diagnosis.

Simplified and Powerful

- Powerful features for small networks, easier configuration than ever.
- **User Friendly Configuration, Easy to Learn**
Even for advanced functions, set-up can be easily done by Ruijie Cloud APP.
- **Unbreakable Multi-WAN Internet**
Intelligent load balancing and link redundancy between multiple WAN ports
- **Automatically Updated APP Library, Maintenance-free**
- **Customize Portal Page, What You See is What You Get.**
- **Secure Access Internal Device Remotely**
No matter dynamic or even private IP on gateway WAN port, Securely monitoring the NVR/IPC/Internal Server anytime from anywhere .

Products



RG-EG105G-V3

5-Port Gigabit Cloud Managed Router (100 Users)



RG-EG105G-P V3

5-Port Gigabit Cloud Managed PoE Router (100 Users)



RG-EG105GW-(T)

Wi-Fi 5 1267Mbps All-in-One Wireless Router(150 Users)



RG-EG105GW-X

Wi-Fi 6 AX3000 High-performance All-in-One Wireless Router(180 Users)

Products



RG-EG210G-E

10-Port Gigabit Cloud Managed Router (200 Users)



RG-EG210G-P-V3

10-Port Gigabit Cloud Managed PoE Router (200 Users)



RG-EG209GS

9-Port Gigabit Cloud Managed SFP Router (200 Users)



RG-EG305GH-P-E

5-Port Gigabit Cloud Managed PoE (300 Users)



RG-EG310GH-E

10-Port Gigabit Cloud Managed Router (300 Users)



RG-EG310GH-P-E

10-Port Gigabit Cloud Managed Router (300 Users)



RG-EG1510XS

10-Port High-Performance Cloud Managed Router with 4 x 2.5G Ports and 2 x 10G+ Ports



RG-NBR6120-E

5-Port Gigabit Cloud Managed VPN Router (200 Users)



RG-NBR6205-E

8-Port Gigabit High Performance VPN Router(500 Users)



RG-NBR6210-E

10-Port Gigabit High Performance VPN Router (1000 Users)



RG-NBR6215-E

10-Port Gigabit High Performance SFP+ VPN Router (1500 Users)

Specifications

Model	RG-EG105G-V3	RG-EG105G-P-V3	RG-EG210G-E	RG-EG210G-P-V3
Fixed ports	5 Gigabit ports, supporting up to 2 WAN ports		10 Gigabit ports, supporting up to 4 WAN ports	10 Gigabit ports, supporting up to 4 WAN ports
RAM	128MB		256MB	
Flash	32MB		16MB	32MB
PoE	N/A	PoE output: 54W(802.3 af/at) Support up to 4 POE ports	N/A	PoE output: 110W (802.3 af/at) Support up to 8 POE ports
Wireless	N/A	N/A	N/A	N/A
Recommended number of clients	Up to 100 concurrent clients		Up to 200 concurrent clients	
Recommended bandwidth	600M asymmetric bandwidth (flow control disabled) 500M asymmetric bandwidth (flow control enabled)		1Gbps asymmetric bandwidth (flow control disabled) 1Gbps asymmetric bandwidth (flow control enabled)	600M asymmetric bandwidth (flow control disabled) 500M asymmetric bandwidth (flow control enabled)
Local power supply	Support 220V AC local power supply			
Power consumption	<12W	<60 W (With PoE Full Load)	<15W	<130 W (With PoE Full Load)
Dimensions	206.5 × 108.5 × 28 (mm)	206.5 × 108.5 × 28 (mm)	440 × 43.6 × 201.5 (mm)	202 × 107 × 28 (mm)
Weight	0.84kg	1.01kg	2.35kg	1.5kg
Temperature	Operating temperature: 0°C ~ 40°C Storage temperature: -10°C ~ 70°C			
Humidity	Operating humidity: 10% ~ 90% (non-condensing) Storage humidity: 5% ~ 95% (non-condensing)			
Basic network features				
Network access	PPPoE dial-up, DHCP client, static IP, automatic identification of access methods, automatic avoidance of WAN port address conflicts, MAC cloning, obtaining account passwords from existing routers			
Routing	Static routing, policy-based routing, carrier address routing, active/standby mode, load balancing based on source address, flow-based load balancing, port-based weighted load balancing of data streams			
Security	ACL, IP-MAC binding, MAC address filtering, dynamic ARP, static ARP binding, NAT, NAPT, port mapping			
Other protocols	DHCP Server, DHCP Client, DHCP Option43 / 138, DNS Client, DNS Server, DNS Proxy, TFTP, NTP, DDNS			
Gateway				
Flow control	Support custom flow control policies, IP-based automatic bandwidth assignment			
Traffic audit	Real-time traffic audit, IP traffic visualization			
Behavior management	Time-based and IP policy-based access control, website filtering			
VPN	IPsec VPN (8 tunnels) server and client, L2TP, PPTP, OpenVPN			
Wireless management				
Management capacity	In AC mode, the maximum management capacity is 300 In gateway mode, the maximum management capacity is 32		In AC mode, the maximum management capacity is 500 In gateway mode, the maximum management capacity is 150	
AP management	Support multi-SSID configuration, SSID hiding, channel setting, power setting, AP wired port setting, AP online upgrade, STA quantity setting, STA blacklist and whitelist			
Roaming	Support local forwarding roaming, Layer 2 roaming, Layer 3 roaming between APs, viewing of STA roaming track			
Switch management				
Management capacity	Maximum manageable cloud managed switches: 128			
Port management	Loop protection, port mirroring, port isolation, port configuration, PoE configuration, port limit, storm control, static MAC, MAC search			
Status display	Port statistics, monitoring information, cable detection, VLAN configuration, MAC list			
Upgrade management	Per-device upgrade, batch upgrade			
Value added features				
Featured solutions	Single-cable IPTV solution, port service VLAN and network segment isolation solution, smart fault diagnosis solution, intranet penetration solution, auto-networking solution			
Management	Eweb and Ruijie Cloud			

Model	RG-EG105GW(T)	RG-EG105GW-X
Fixed	"1 × 10/100/1000 Base-T WAN Port1 × 10/100/1000 Base-T LAN Port"	"1 x 10/100/1000 Base-T WAN Port1 x 10/100/1000 Base-T LAN Port"
Switchable Ports	3 × 10/100/1000 Base-T WAN/LAN Ports	3 × 10/100/1000 Base-T WAN/LAN Ports
Protocol	802.11ac (Wi-Fi 5)	802.11ax (Wi-Fi 6)
Wireless Max Signal Rate	"1267MbpsUp to 400Mbps(2.4GHz) Up to 867Mbps (5GHz)"	"2976MbpsUp to 574Mbps(2.4GHz) Up to 2402Mbps (5GHz)"
Wireless Protocol	"5G:802.11a/n/ac Wave2 2.4G:802.11b/g/n"	"5G:802.11a/n/ac/ax 2.4G:802.11b/g/n/ax"
Antennas	"Built-in Omnidirectional Antennas (2.4 GHz: 3dBi, 5 GHz: 4dBi)"	"5 External Antennas (2.4 GHz: 5 dBi, 5 GHz: 5 dBi)"
Wireless Recommended Client	80	80
Total Recommended Client	150	180
Recommended Bandwidth	600Mbps	1.2Gbps
Reyee Mesh	Support	Support
CPU	Dual Cores, 800MHz	Dual Cores, 1.3GHz
RAM	256MB	512MB
USB	USB 2.0	USB 3.0
Working Mode	Router,AP	Router,AP
Load Balancing	Support	Support
Self-security	Support	Support
VPN	PPTP, L2TP, IPsec, OpenVPN	PPTP, L2TP, IPsec, OpenVPN
DDNS	Ruijie DNS,DynDns, NO-IP	Ruijie DNS,DynDns, NO-IP
QoS	Support	Support
Free Cloud Management	Support	Support
Self-organizing Network	Support	Support
Mesh	Reyee mesh	Reyee mesh
Roaming	KV	KV
USB File Sharing	Support	Support
Power Supply	DC12V/1.5A	100V~240V AC:50/60Hz
Warranty	3 Years	3 Years

Model	RG-EG209GS	RG-EG305GH-P-E	RG-EG310GH-E	RG-EG310GH-P-E
Fixed Ports	8 Gigabit ports, 1 SFP port, support up to 4 WAN ports	5 Gigabit ports, support up to 4 WAN ports	10 Gigabit ports, support up to 4 WAN ports	
PoE	N/A	4 PoE out, PoE budget 60W	N/A	8 PoE out, PoE budget 110W
Model Type	Desktop, External DC adapter		Rack Mounted, Internal Power	Desktop, External DC adapter
NAT Throughput (Disable/Enable L7)	700Mbps/500Mbps	1.5Gbps/1Gbps		
Recommended Number of Clients (Disable/Enable Application based flow control and flow Audit)	200/100	300/200		
Core Count	2			
Frequency	880Mbps	1.35GHz		
RAM	256MB	512MB		
Flash	32MB	256MB		
AP Management	✓			
Recommended Bandwidth	600Mbps	1Gbps		
APP Priority Management	✓			
User Group	✓			
Back Static Route	✓			
Behaviour Management	✓			
Basic Firewall	✓			
VPN	PPTP, L2tp, IPSec, OpenVPN			
Authentication	Captive Portal, PPPoE, SMS, QR-Code			
Multi-IP Network	✓			
PPPoE Server	✓			
APP Management	✓			
Smart Flow Control	QoS, IP	QoS, IP, QoS+IP		

Model	RG-NBR6120-E	RG-NBR6205-E	RG-NBR6210-E	RG-NBR6215-E
Installation Type	19" 1U Rack Mounted			
Network Interface	5 Gigabit Port, 1 USB	8 Gigabit ports, 2 SFP ports, 2 USB	8 Gigabit ports, 2 SFP ports, 2 USB	8 Gigabit ports, 1 SFP ports, 1 10G SFP+ port, 2 USB
RAM	512M	2G	2G	2G
Flash	No Hard Disk	1TB Hard Disk(Optional)		
Performance	500Mbps	1.5Gbps	2.5Gbps	2.5Gbps
Recommended Number of Clients	200	500	1000	1500
IPSec Max. Concurrent Connections	16	300	600	1000
SSL Max. Concurrent Connections	10	200	300	500
Multi-WAN Access	✓			
Behaviour Management	✓			
Behaviour Audit	✓			
Application Management	✓			
Flow Control	✓			
Smart Flow Control	✓			
Flow Monitoring	✓			
Ultrafast Configuration	✓			
AC Mode	✓			
Firewall	No	✓		
VPN	IPSec, SSL, PPTP, L2tp			
VPN Speed Up	✓			
URL Filter/log	✓			
User Group	✓			
Portal Authentication/Ads Push	✓			

Model	RG-EG1510XS
Installation	Rack 1U
Fixed WAN Ports	1 × 10/100/1000/2500 Base-T
WAN/LAN Switchable Ports	3 × 10/100/1000 Base-T 3 × 10/100/1000/2500 Base-T 2x10G/1G Base-X SFP (LAN7/WAN8 port is compatible to 2.5G)
Fixed LAN Ports	1 × 10/100/1000 Base-T
USB Ports	N/A
Throughput	4 Gbps (1518 Byte, NAT+Flow Audit) 3 Gbps (1518 Byte, NAT+Authentication, Application Identification, Flow Audit and Flow Control)
Concurrent Clients Recommended	1500
Wi-Fi Standard	N/A
PoE	N/A
Processor	1.8 GHz * 4
Memory	4GB
Flash	128 MB NAND FLASH + 8 GB EMMC
Hard Disk Drive	1TB (Need to purchase seperately)
VPN Type	L2TP/PPTP/IPSec/OpenVPN
L2TP VPN Tunnels	1000
L2TP VPN Throughput	1.4 Gbps
PPTP VPN Tunnels	1000
PPTP VPN Throughput	1.7 Gbps
IPSec VPN Tunnels	1000
IPSec VPN Throughput	900 Mbps
Open VPN Throughput	1000
Open VPN Throughput	400 Mbps
Gateway Mode Management Capacity	1000 (APs/NBS Switches) +128 (ES Switches)
AC Mode Management Capacity	1000 (APs/NBS Switches) +128 (ES Switches)
3rd Captive Portal Integration	Wifidog WISPR
Easy VPN Configuration	Yes
Power Consumption	≤ 20 W
Dimensions	440 mm x 43.6 mm x 210 mm (17.32 in. x 1.72 in. x 8.27 in.)
Weight	3 kg (packages not included)

09

Mesh Wi-Fi





Reyee Home Wi-Fi Solutions

RG-EW Series is an ideal choice for wireless network deployment in bungalow, villas, Large-sized apartment, small shops, and SOHO. The whole EW Series family can realize flexible networking and seamless roaming for multi-device via the Reyee Mesh Technology, providing stable and high-speed wireless experience



Elite Large Size House

Full Gigabit ports, optimized signal, Enterprise grade performance and cover all types of home you loved.



Smart Modern Residence

Keep Gigabit wideband but in low budget, make balance between the performance and cost, match perfectly for modern family



Economics Cozy Apartment

Minimum spending to get better whole home Wi-Fi solution, especially a killer-solution for home only has 100Mbps access rate but want to get full coverage of internet for sweet home



Products



RG-M18

Support 802.11ax protocol
 1800m dual-band (2.4g 574m,5g 1200m)
 3 gigabit port (1 wan port and 2 lan ports)
 High-gain omnidirectional antennas
 2 signal amplifiers (fem)
 Support for hardware NAT
 One-click Reyee mesh
 Mix & match maximize clients
 Cloud management on Ruijie Reyee APP



RG-M32

Support 802.11ax protocol
 3200m Dual-band(2.4g 800m,5g 2400m)
 4 gigabit port (1 wan port and 3 lan ports)
 High-gain omnidirectional Antennas
 4 signal amplifiers (fem)
 Support for hardware NAT
 One-click Reyee mesh
 Mix & match maximize clients
 Cloud management on Ruijie Reyee APP



RG-EW1800GX PRO

Support 802.11ax protocol
 1800m dual-band(2.4g 574m, 5g 1200m)
 5 gigabit port
 (1 wan port and 4 lan ports)
 High-gain omnidirectional Antennas
 2 signal amplifiers (FEM)
 Support for hardware nat
 One-click reyee mesh
 Mix & match maximize clients
 Cloud management on Ruijie Reyee APP



RG-EW3000GX PRO

Support 802.11ax protocol
 3000M dualband
 (2.4G 600M , 5G 2400M)
 5 Gigabit ports
 (1 WAN port and 4 lan ports)
 5 high-gain omnidirectional antennas
 5 signal amplifiers (fem)
 Support for hardware NAT
 One-click Reyee Mesh
 Mix & Match
 Cloud management on Ruijie Reyee APP



RG-EW3200GX PRO

Support 802.11ax protocol
 3200m dual-band
 (2.4g 800m, 5g 2400m)
 5 gigabit portS
 (1 wan port and 4 lan ports)
 High-gain omnidirectional antennas
 4 signal amplifiers (fem)
 Support for hardware NAT
 One-click Reyee mesh
 Mix & match maximize clients
 Cloud management on Ruijie Reyee APP



RG-EW1200G PRO

Support 802.11ac protocol
 1267M Dualband
 (2.4G 400M, 5G 867M)
 4 Gigabit ports
 (1 WAN port and 3 LAN ports)
 6 high-gain Omnidirectional antennas
 4 signal amplifiers (fem)
 Support for hardware NAT
 One-click Reyee Mesh
 Mix & Match
 Cloud management on Ruijie Reyee APP



RG-EW1300G

Support 802.11ac protocol
 1300M dualband
 (2.4G: 400 Mbps, 5G: 867 Mbps)
 4 Gigabit ports
 (1 WAN port and 4 LAN ports)
 5 high-gain omnidirectional antennas
 Support for hardware NAT
 One-click Reeye Mesh
 Mix & Match
 Cloud management on Ruijie Reeye APP

RG-EW1200

Support 802.11ac protocol
 1167M Dualband
 (2.4G 300M, 5G 867M)
 4 × 100Mbps ports
 (1 WAN port and 3 LAN ports)
 4 Omnidirectional antennas
 Support for hardware NAT
 One-click Reeye Mesh
 Mix & Match
 Cloud management on Ruijie Reeye APP

RG-EW300 PRO

Support 802.11an protocol
 2.4 G: 300 Mbps
 4 × 100M ports
 (1 WAN port and 3 LAN ports)
 4 omnidirectional antennas
 2 signal amplifiers (fem)
 Support for hardware NAT
 Cloud management on Ruijie Reeye APP



RG-EW300N

Support 802.11an protocol
 2.4 G: 300 Mbps
 4 × 100M ports
 (1 WAN port and 3 LAN ports)
 2 omnidirectional Antennas
 Support for hardware NAT
 Cloud management on Ruijie Reeye APP

RG-EW1200R

1200mbps
 Dual-band
 1 wan/lan fe port
 With high-Signal amplifiers (fem)
 Smart signal indicator
 One-click reeye mesh
 Wisp & wps mode
 Cloud management on Ruijie Reeye APP

RG-EW300R

300mbps
 1 wan/lan fe port
 2 signal amplifiers (fem)
 Smart signal indicator
 Wisp & wps mode
 Cloud management on Ruijie Reeye APP

RG-EW300T

Cloud-managed
 Plug and Play
 4 External Antennas
 Up to 150Mbps Download Speed
 Three-year Warranty

Specifications

Model	RG-EW300 PRO	RG-EW1200	RG-EW1200G PRO	RG-EW1800GX PRO	RG-EW3200GX PRO	RG-M18	RG-M32
Wireless Specifications	2.4 GHz, 2×2, maximum rate of 300Mbps	2.4GHz, 2×2, maximum rate 300Mbps; 5GHz, 2×2, maximum rate 867Mbps	2.4GHz, 2×2, maximum rate 400Mbps; 5GHz, 2×2, maximum rate 867Mbps	2.4 GHz, 2×2, maximum rate of 600Mbps; 5 GHz, 2×2, maximum rate of 1200Mbps	2.4 GHz, 4×4, maximum rate of 800Mbps; 5 GHz, 4×4, maximum rate of 2400Mbps	2.4 GHz, 2x2 maximum rate of 600Mbps; 5 GHz, 2x2 maximum rate of 1200Mbps	2.4 GHz, 4x4 maximum rate of 800Mbps; 5 GHz, 4x4 maximum rate of 2400Mbps
	Antenna: 4 external non-detachable omnidirectional antennas	Antenna: 4 external non-removable omnidirectional antennas	Antenna: 6 external non-removable omnidirectional antennas	Antenna: 4 external non-detachable omnidirectional antennas	Antenna: 8 external non-detachable omnidirectional antennas	Antenna 4 internal omnidirectional antennas	Antenna: 4 internal omnidirectional dual-antennas
	Support: 802.11b/g/n and 2x2 MIMO	Support: 802.11a/b/g/n/ac/Wave2, MU-MIMO Support beamforming		Support: 802.11a/b/g/n/ac/ax and DL/UL MU-MIMO Beamforming, OFDMA, and BSS color technologies			
	Frequency band: Independent 2.4GHz modules	Frequency band: Independent 2.4GHz and 5GHz modules, supporting dual frequency integration					
	-----	Support beamforming			Support beamforming, OFDMA, and BSS color technologies		
Wi-Fi channel: 2.4GHz :2.4G-2.4835GHz	Wi-Fi channel: 2.4GHz Channel: 1,2,3,4,5,6,7,8,9,10,11,12,13 5GHz Channel: 36,40,44,48, 52,56,60,64,149,153,157,161,165	Wi-Fi channel: 2.4GHz: 2.4G-2.4835GHz 5GHz: 5.150-5.250GHz, 5.725-5.850GHz(Country Specific)	Wi-Fi channel: 2.4GHz: 2.4G-2.4835GHz 5GHz : 5.150-5.250GHz, 5.250-5.350H, 5.470-5.725GH, 5.725-5.850GHz	Wi-Fi channel: 2.4GHz :2.4G-2.4835GHz 5GHz : 5.150-5.250GHz, 5.250-5.350H, 5.470-5.725GH, 5.725-5.850GHz	Wi-Fi channel: 2.4GHz :2.4G-2.4835GHz 5GHz : 5.150-5.250GHz 5.250-5.350H.5.470-5.725 GH.5.725-5.850GHz	Wi-Fi channel: 2.4GHz :2.4G-2.4835GHz 5GHz : 5.150-5.250GHz 5.250-5.350H.5.470-5.725 GH.5.725-5.850GHz	Wi-Fi channel: 2.4GHz :2.4G-2.4835GHz 5GHz : 5.150-5.250GHz 5.250-5.350H.5.470-5.725 GH.5.725-5.850GHz
Ports	1 10/100M WAN port (Auto MDI/MDIX)		1 10/100/1000M WAN port (Auto MDI/MDIX)				
	3 10/100M LAN ports (Auto MDI/MDIX)		3 10/100/1000M LAN ports (Auto MDI/MDIX)	4 10/100/1000M LAN ports (Auto MDI/MDIX)		2 10/100/1000M LAN ports (Auto MDI/MDIX)	3 10/100/1000M LAN ports (Auto MDI/MDIX)
	1 system LED indicator	1 system LED indicator, 3 network port LED indicators, 1 Wi-Fi indicator	1 blue system LED indicator, 4 network port LED indicators	One Reyee Mesh LED indicator and one system LED indicator	One Reyee Mesh LED indicator and one system LED indicator	One Reyee Mesh LED indicator and one system LED indicator	One Reyee Mesh LED indicator and one system LED indicator
	1 device pairing/factory reset button						
1 power input interface							
Physical Specifications	Dimensions: 210×180×33mm (W×D×H, excluding antennas)	Dimensions: 182x121x32mm (W×D×H, excluding antennas)	Dimensions: 220x140x36mm (W×D×H, excluding antennas)	Dimensions: 180×180×30mm (W×D×H, excluding antennas)	Dimensions: 190×190×41mm (W×D×H, excluding antennas)	Dimensions: 91.5x91.5x180.6 mm (WxDxH, excluding antennas)	Dimensions: 119x119x200 mm (WxDxH, excluding antennas)
	Weight: 0.32 kg (including package)	Weight: 0.4kg (including package)	Weight: 0.98kg (including package)	Weight: 1.125 kg (including package)	Weight: 1.3 kg (including package)	0.62kg(including package)	1.05 kg(including package)
Power Supply	Power specifications: DC 12 V, 1.0A	Power specification: DC12V 0.6A	Power specification: DC12V 1.5A	Power specifications: DC 12 V, 1.5 A	Power specifications: DC 12 V, 2 A	Power specification: DC 12V/1.5A	Power specification: DC 12V/2A
	Maximum power: < 12 W	Maximum power: <7W	Maximum power: <10W	Maximum power: < 18 W	Maximum power: < 24 W	Maximum power: <18 W	Maximum power: < 30 W
Certification	CE, ROHS	CE, CCC, SRRC	CE, RoHS, FCC	CE		CE, RoHS	
Operating Environment	Operating temperature: -10° C to +45° C Storage temperature: -40° C to +70° C Operating humidity: 5% to 95% (non-condensing) Storage humidity: 5% to 95% (non-condensing)		Operating temperature: 0-45° C Storage temperature: -40-70° C Operating humidity: 5% to 95% (non-condensing) Storage humidity: 5% to 95% (non-condensing)		Operating temperature: -10° C to +45° C Storage temperature: -40° C to +70° C Operating humidity: 5% to 95% (non-condensing) Storage humidity: 5% to 95% (non-condensing)		

Model	RG-EW1200R	RG-EW300R
Basic		
Dimensions (W × D × H)	92 mm x 70 mm x 38 mm (3.62 in. × 2.76 in. × 1.50 in. antennas not included)	128 mm x 102 mm x 60 mm (5.04 in. × 4.02 in. × 2.36 in. antennas not included)
Weight	0.14 kg (packages not included)	0.25 kg (packages not included)
Wi-Fi Standards	Wi-Fi 4 (802.11n)	Wi-Fi 5 (802.11ac)
MIMO	2.4 GHz, 2 × 2, MIMO	2.4 GHz, 2 × 2, MU-MIMO 5 GHz, 2 × 2, MU-MIMO
Max. Wi-Fi Speed	2.4 GHz: 300 Mbps	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80 MHz
Antennas	2	2
Antennas Type	External Omnidirectional	External Omnidirectional
Antenna Gain	2.4 GHz: 4 dBi	2.4 GHz: 4 dBi 5 GHz: 4 dBi
Port	1 × 10/100 Base-T WAN/LAN	1 × 10/100 Base-T WAN/LAN
Recommended Users	8	24
Max. Users	16	96
Power Supply	100-240V~50/60Hz 0.5A	100-240V~50/60Hz 0.5A
Power Consumption	≤ 12W	≤ 15W
Operation Frequency Bands	802.11b/g/n: 2.412 GHz to 2.472 GHz country-specific restrictions apply	802.11b/g/n: 2.400 GHz to 2.483 GHz 802.11a/n/ac: 5.150 GHz to 5.350 GHz 802.11a/n/ac: 5.470 GHz to 5.725 GHz, 5.725 GHz to 5.850 GHz country-specific restrictions apply
Transmit Power	<20 dBm (2.4 GHz) country-specific restrictions apply	Regular: CE EIRP: ≤ 20dBm (2.4GHz) ≤ 27dBm (5GHz) ≤ 20dBm 2400-2483.5MHz(Bluetooth) Myanmar: 2400-2483.5MHz ≤ 20dBm(EIRP) ; 5150-5350MHz ≤ 23dBm(EIRP) ; 5470-5725MHz ≤ 30dBm(EIRP) ; 5725-5850MHz ≤ 30dBm(EIRP) ;
Operating Temperature	-10 ° C to +45 ° C (14 ° F to 113 ° F)	-10 ° C to +45 ° C (14 ° F to 113 ° F)
Operating Humidity	5% to 95% Noncondensing	5% to 95% Noncondensing
Certifications	CE,RoHS	CE,RoHS



Ruijie Networks Co., Ltd.

Official Website : <https://reyee.ruijie.com/>

Technical Support : <https://reyee.ruijie.com/en-global/support>

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