

RG-EG210G-P

Reyee 10-Port Gigabit Cloud Managed PoE Router



Highlights

- User-friendly configuration and easy to use.
- High reliability and load balancing through WAN ports.
- Easy to block unwanted applications with automatically updating library.
- Customized portal page, what you see is what you get.
- Secure access to internal devices remotely.

Highlight Features



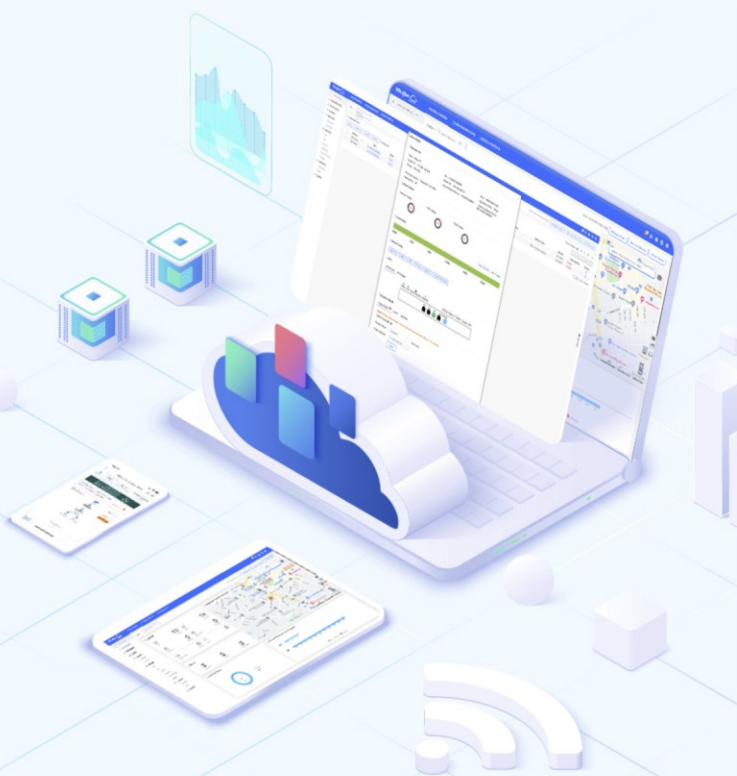
Secure Access Internal Device Remotely

No matter dynamic or even private IP on gateway WAN port, Securely monitoring the NVR/IPC/Internal Server anytime from anywhere .



Cloud, Make Your Business Easy

- Self-organizing network
- Centralized network management
- Scenario based configuration
- Cloud portal authentication
- Remote monitoring and maintenance



Hardware Specifications

Model	RG-EG210G-P
Port Specifications	
Total number of RJ45 ports	10
Number of 10/100/1000BASE-T ports	10
Maximum number of LAN ports	9
Maximum number of WAN ports	4
Number of fixed LAN ports	6
Number of fixed WAN ports	1
Number of LAN/WAN ports	3
LEDs	1 x system status LED
	10 x Ethernet port LEDs
Reset button	1
System Specifications	
CPU	Dual-core processor, 880 MHz clock frequency per core
Flash memory	16 MB
RAM	256 MB
Dimensions and Weight	
Package dimensions (W x D x H)	594 mm x 426 mm x 267 mm (23.38 in. x 16.77 in. x 10.51 in.)
Product dimensions (W x D x H)	202 mm x 108 mm x 28 mm (7.95 in. x 4.25 in. x 1.1 in.)
Shipping weight	1.50 kg (3.31 lbs)
Weight	1.45 kg (3.2 lbs)
Power Supply and Consumption	

Hardware Specifications

Model	RG-EG210G-P
Power supply	DC power adapter
Dimensions of the DC connector	Outer diameter: 5.5 mm (0.22 in.) Inner diameter: 2.1 mm (0.08 in.) Depth: 10.0 mm (0.39 in.)
Maximum power consumption	8 W (with no PoE load) 78 W (with full PoE load)
PoE budget	70 W
Number of PoE Out ports	8
PoE budget per port	30 W
PoE power pins	1-2 (+), 3-6 (-)
PoE Out standard	IEEE 802.3af/at (PoE/PoE+)
Environment and Reliability	
Cooling	Natural cooling
Fan	Fanless
Mounting options	Desk
Operating humidity	10% RH to 90% RH (non-condensing)
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage humidity	5% RH to 95% RH (non-condensing)
Storage temperature	-40°C to +70°C (-40°F to +158°F)

Hardware Specifications

Model	RG-EG210G-P
Surge protection	Service port: ± 2 kV for common mode Power connector: ± 2 kV for common mode and ± 1 KV for differential mode

Software Specifications

Model	RG-EG210G-P
System Performance Capacity	
Maximum number of concurrent sessions	60000
Recommended number of concurrent clients	200
Throughput	600 Mbps
Basic Configurations	
AC mode	Yes
Automatically identifying the Internet access mode and obtaining IP addresses	Yes
Automatically learning the PPPoE username and password of other routers	Yes
Configuration backup	Yes
Internet access mode	PPPoE
	DHCP
	Static IP
Local upgrade	Yes
Log upload	No
Online upgrade	Yes

Software Specifications

Model	RG-EG210G-P
Restoring factory defaults	Yes
System language	Turkish, Arabic, Vietnamese, Thai, Indonesian, Latin American Spanish, Brazilian Portuguese, Russian, French, German, European Spanish, Italian, and Polish
Ethernet Switching	
Link aggregation	No
LLDP	No
VLAN	Yes
VLAN configuration supported on LAN ports	Yes
Super-VLAN	No
Configuring the same VLAN tag for multiple WAN ports	No
VLAN priority	Yes
Ethernet Interface	
Avoiding IP address conflicts on WAN interfaces	Yes
Load balancing	Yes
MAC address cloning	Yes
Multiple WAN interfaces on the same network segment	Yes

Software Specifications

Model	RG-EG210G-P
PPPoE clients	Yes
Scheduled PPPoE reconnection	No
IP Routing	
Application-based routing	No
Bandwidth aggregation	Yes
BGP	No
BGP4	No
BGP4+	No
ECMP	No
IPv4 static route	Yes
IPv6 PBR	Yes
IPv6 static route	Yes
IS-ISv4	No
IS-ISv6	No
Load balancing based on flows	Yes
Load balancing based on source IP addresses	Yes
Load balancing based on the interface weight	Yes
OSPFv2	No
OSPFv3	No

Software Specifications

Model	RG-EG210G-P
RIP	Yes
RIPng	Yes
IP Service	
3322.org	Yes
ALG	Yes
ARP binding	Yes
Maximum number of ARP entries	1024
Proxy ARP	No
Cloudflare	Yes
DHCP client	Yes
DHCP server	Yes
DHCP relay	No
Option 43	Yes
Option 138	Yes
Static/Dynamic NAT	Yes
NAT-PT	No
Turbo mode	No
NAT loopback	Yes
DNS client	Yes
DNS proxy	Yes
DNS server	Yes

Software Specifications

Model	RG-EG210G-P
No-IP DNS	Yes
GRE tunnel	No
IPTV	Yes
IPv4 ping	Yes
IPv6	Yes
IPv6 ping	Yes
Number of port mapping entries	256
Port mapping	Yes
DDNS	Yes
Ruijie DDNS	Yes
Alibaba Cloud DDNS	Yes
UPnP	Yes
VPN	
IPsec VPN	Yes
IPsec VPN bandwidth	28 Mbps
Maximum number of branches in IPsec VPN networking	8
L2TP VPN	Yes
L2TP VPN bandwidth	190 Mbps
Maximum number of branches in L2TP VPN networking	8

Software Specifications

Model	RG-EG210G-P
OpenVPN	Yes
OpenVPN bandwidth	20 Mbps
Maximum number of branches in OpenVPN networking	16
PPTP VPN	Yes
PPTP VPN bandwidth	190 Mbps
Maximum number of branches in PPTP VPN networking	8
SSL VPN	No
Easy VPN 1.0	No
Number of VPN accounts for L2TP, PPTP, and OpenVPN	100
WireGuard server	No
WireGuard client	No
Reliability	
Stacking	No
VRRP	No
SD-WAN	
SD-WAN	No

Software Specifications

Model	RG-EG210G-P
Active/Standby mode (automatically switching to the standby interface when the active interface fails)	No
Authentication	
Portal authentication	Yes
One-click authentication	Yes
Password authentication	Yes
SMS-based authentication	Yes
Voucher authentication supported by Ruijie Cloud portal page	Yes
Cloud portal authentication	Yes
Local portal authentication	Yes
QR code authentication	Yes
Custom portal page	Yes
Account-based authentication supported by Ruijie Cloud portal page	Yes
CHAP, MS-CHAPv1, MS-CHAPv2	No
Delivery through Ruijie Cloud portal page	Yes
802.1X authentication	No

Software Specifications

Model	RG-EG210G-P
MAC address-based authentication	No
PPPoE server	Yes
Number of accounts supported by the PPPoE server	100
RADIUS flow control authorization supported by WISPr authentication	No
Number of concurrent clients supported by the PPPoE server	65
PAP	No
RADIUS authentication	No
RADIUS client	No
RADIUS accounting based on time or traffic	No
RADIUS proxy server	No
RADIUS traffic quota authorization	No
RADIUS user group authorization	No
Third-party authentication	No
Security	
ACL	Yes
DHCP snooping	No
Malformed packet attack defense	Yes

Software Specifications

Model	RG-EG210G-P
Fragmentation attack defense	No
Teardrop attack defense	Yes
LAND attack defense	Yes
SYN flood attack defense	Yes
Smurf attack defense	Yes
IP attack defense	Yes
Disabling ping	Yes
IP-MAC binding	Yes
Network sharing prevention	Yes
Security log	Yes
Security zone	Yes
User group-based connection limiting	Yes
Gateway Features	
WAN failover	Yes
Application priority	Yes
Application recognition	Yes
Behavior management	Yes
QoS	Yes
Time-based blocking policy	Yes
IP address-based blocking policy	

Software Specifications

Model	RG-EG210G-P
Website filtering: custom URL	Yes
Traffic audit	Yes
URL audit log	Yes
Audit log server	Yes
Audit log storage	No
Uploading audit logs to a server	Yes
Network Management and Monitoring	
Web management	Yes
Ruijie Cloud management	Yes
Management on Ruijie Reyee App	Yes
Remotely monitoring devices through Ruijie Reyee App	Yes
Restarting devices through Ruijie Reyee App	Yes
Upgrading device software version through Ruijie Reyee App	Yes
Fault diagnosis	Yes
FTP client (IPv4 address)	No
FTP server (IPv4 address)	No
TFTP client (IPv4 address)	Yes
TFTP server (IPv4 address)	No

Software Specifications

Model	RG-EG210G-P
HTTPS login	Yes
NTP client	Yes
NTP server	No
Scheduled device restart	Yes
SNMPv1, v2c, and v3	No
SON	Yes
SSH	No
Telnet	No
Web login information	Default IP Address: 192.168.110.1 Default Password: admin
Maximum number of managed devices (router mode)	AP and NBS series: 150 ES series: 128 Note: The maximum number of managed devices varies with each device series.
Maximum number of managed devices (AC mode)	AP and NBS series: 500 ES series: 128 Note: The maximum number of managed devices varies with each device series.
WLAN	
Wireless Intelligent Optimization (WIO)	Yes

Package Contents

Model	RG-EG210G-P
Accessories	
Power adapter	1
Power cord	70.86 in. x 1 pieces
Manual	
User Manual	1
Warranty Card	1

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