RUIJIE | Reyee

RG-EG105G-P V2

Reyee 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

Simplified and Powerful

Powerful features for small networks, easier configuration than ever.

Interface | Installation

54V DC Power | 4 LAN PoE Ports | Dual WAN Ports

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On=Link Flashing=ACT Green=1000/100/10M
LAN 0   LAN 1   LAN 2   LAN 3/WAN 1   WAN 0   RG-EG105G-P V2

Status   Reset   DC=54V   PoE   Scan to Add
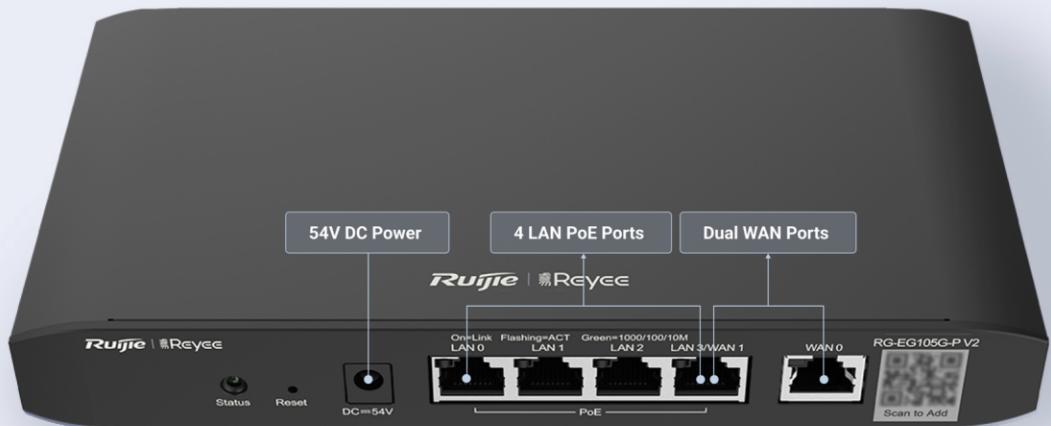
| Multi-WAN Load Balancing | VPN | IPSec, OpenVPN, PPTP, L2TP, etc. | Captive Porta | Free Cloud Managemen | 3 Years Warranty |

Highlight Features
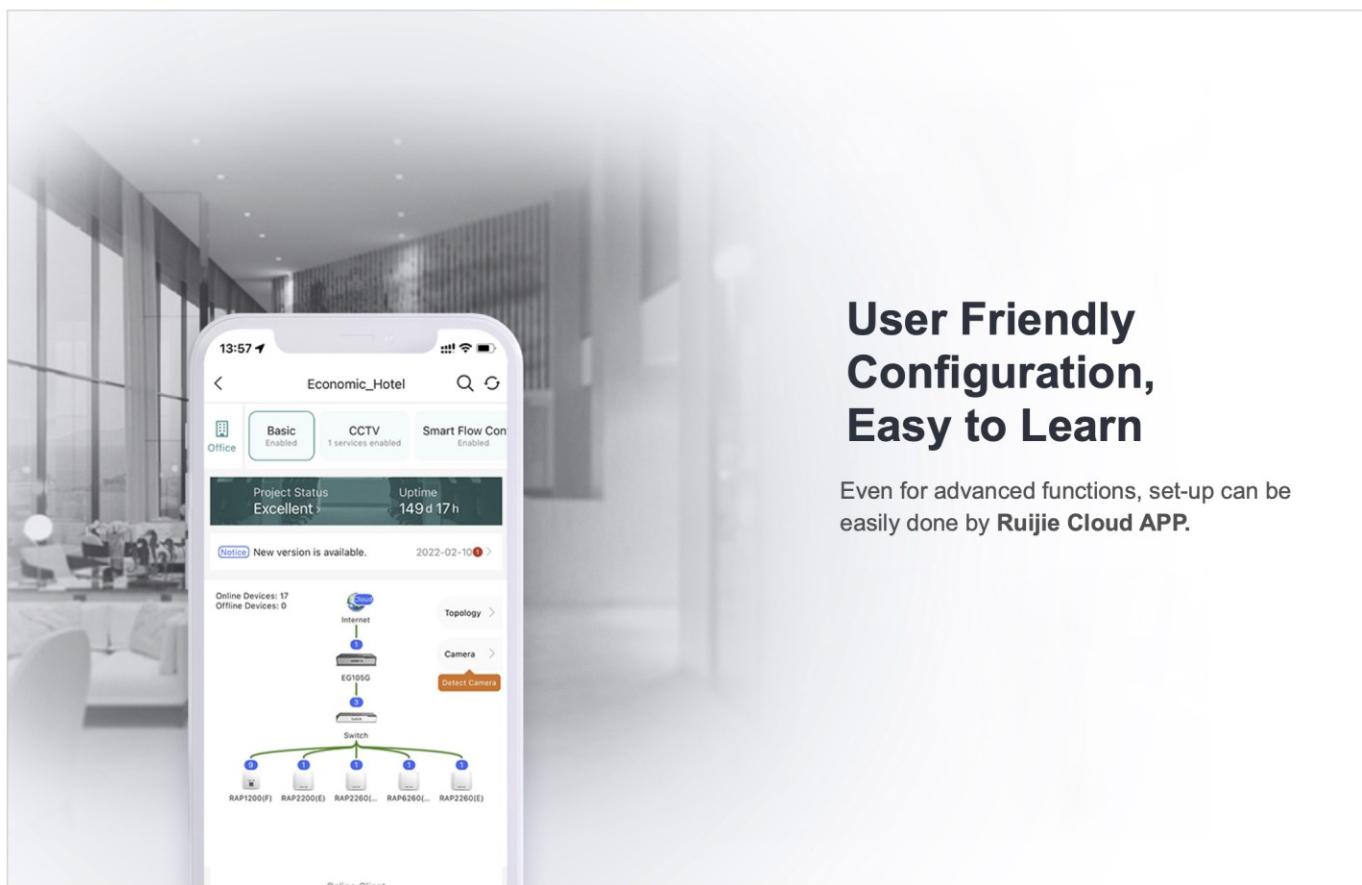
User Friendly Configuration, Easy to Learn

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

200 Mbps

ISP A   100 Mbps

ISP B   100 Mbps

Seamless Failover

Aggregated Bandwidth

Automatic Setup

Customizable Link Weight
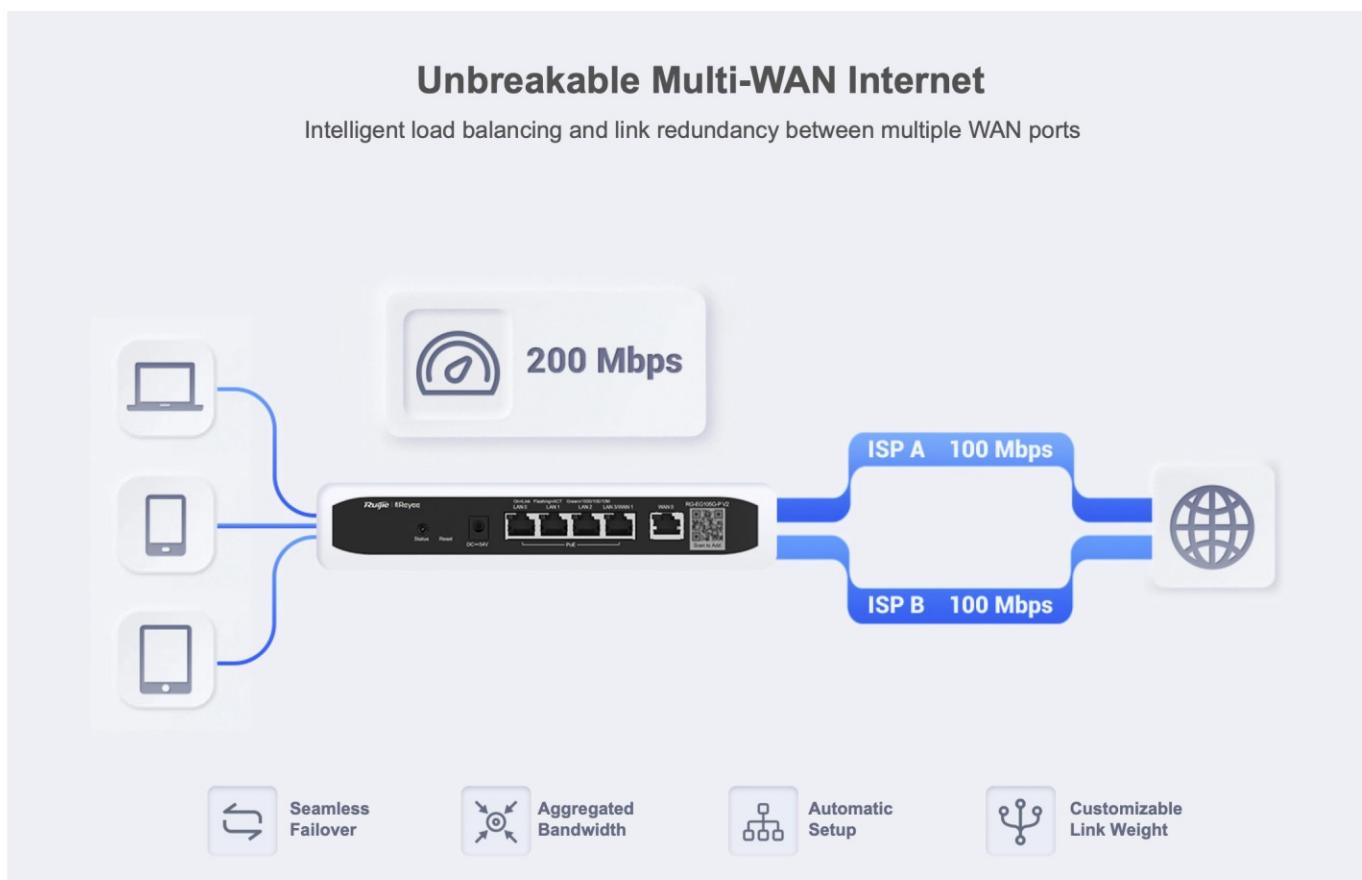
Highlight Features

Easy to Block Unwanted Applications

Automatically updated APP library, maintenance-free

Ruijie Cloud

Loading 30%

## Customize Portal Page,
What You See is What You Get

Portal Page

Basic   Advanced

Mobile   Desktop

Logo Picture   Logo Picture.png   Upload

Background   ● Image   ○ Solid Color

Background Image   Background Picture.jpg   Upload

Languages   English ×   Indonesian ×   +

Welcome Message   ● Text   ○ Image

Text   49 characters remaining

Ocean Hotel

Marketing Message   48 characters remaining

Welcome Home

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Copyright   37 characters remaining

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English

Ocean Hotel

Welcome Home

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Login

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Welcome Home

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Login

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Note: This is only a preview image. The actual effects vary with device

Highlight Features
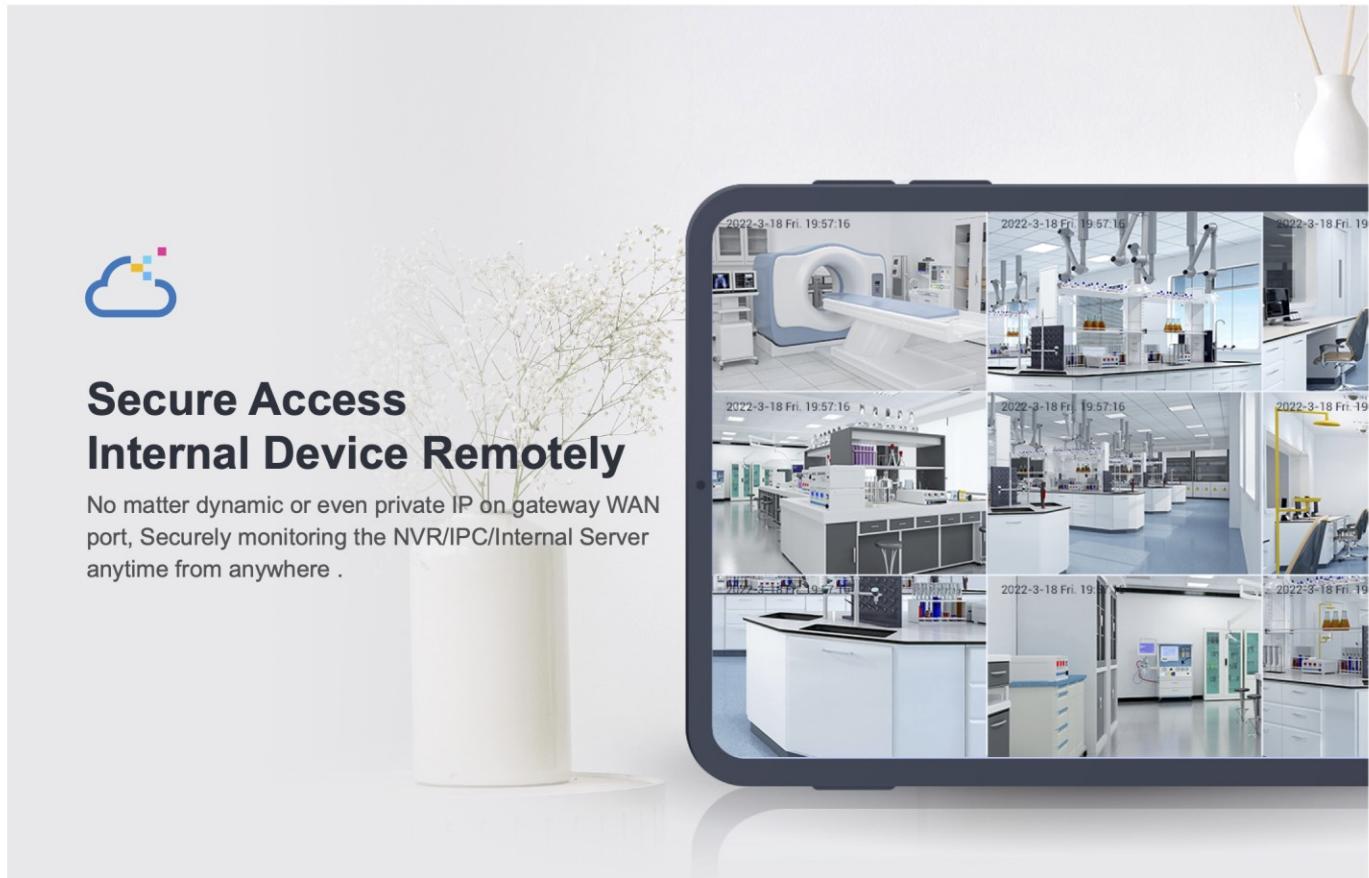
Secure Access
Internal Device Remotely

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
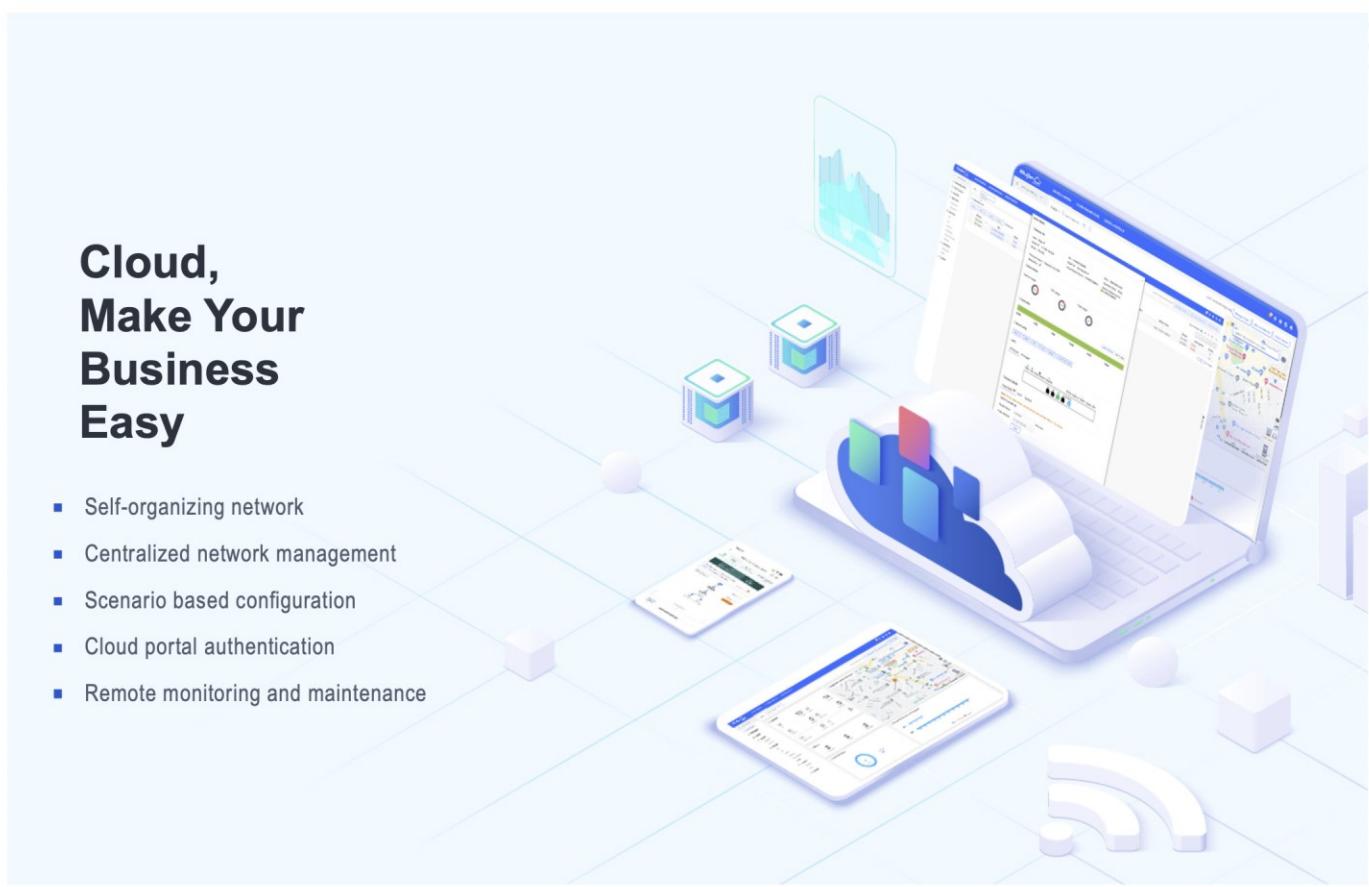
/ Hardware Specifications

Model	RG-EG105G-P V2
Port Specifications	
Total number of RJ45 ports	5
Number of 10/100/1000BASE-T ports	5
Maximum number of LAN ports	4
Maximum number of WAN ports	2
Number of fixed LAN ports	3
Number of fixed WAN ports	1
Number of LAN/WAN ports	1
LEDs	1 x system status LED 5 x Ethernet port LEDs
Reset button	1
System Specifications	
CPU	Dual-core processor, 880 MHz clock frequency per core
Flash memory	16 MB
RAM	128 MB
Power Supply and Consumption	
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	5 W (with no PoE load) 59 W (with full PoE load)
PoE budget	54 W
Number of PoE Out ports	4
PoE budget per port	30 W
PoE power pins	1–2 (+), 3–6 (-)
PoE Out standard	IEEE 802.3af/at （PoE/PoE+）

/ Hardware Specifications

Model	RG-EG105G-P V2
Dimensions and Weight	
Package dimensions (W x D x H)	540 mm x 340 mm x 285 mm (21.26 in. x 13.39 in. x 11.22 in.)
Product dimensions (W x D x H)	206.5 mm x 108.5 mm x 28 mm (8.13 in. x 4.27 in. x 1.1 in.)
Shipping weight	1.30 kg (2.87 lbs)
Weight	0.84 kg (1.85 lbs)
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)
Surge protection	Service port： ±4 kV for common mode Power connector： ±2 kV for common mode and ±1 kV for differential mode

/ Software Specifications

Model	RG-EG105G-P V2
System Performance Capacity	
Maximum number of concurrent sessions	20000
Recommended number of concurrent clients	100
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
Restoring factory defaults	Yes
System language	Turkish, Arabic, Vietnamese, Thai, Indonesian, Latin American Spanish, Brazilian Portuguese, Russian, French, German, European Spanish, Italian, and Polish.
Authentication	
Portal authentication	Yes
One-click authentication	Yes
Password authentication	Yes
SMS-based authentication	Yes

Software Specifications

Model	RG-EG105G-P V2
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
MAC address-based authentication	No
PPPoE server	Yes
Number of accounts supported by the PPPoE server	50
Number of concurrent clients supported by the PPPoE server	35
PAP	No
RADIUS authentication	No
RADIUS client	No
RADIUS accounting based on time or traffic	No
RADIUS flow control authorization	No
RADIUS proxy server	No
RADIUS traffic quota authorization	No
RADIUS user group authorization	No

Software Specifications

Model	RG-EG105G-P V2
Third-party authentication	No
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
PPPoE clients	Yes
Scheduled PPPoE reconnection	No
Ethernet Switching	
Configuring multiple VLANs upon configuration delivery	No
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
Gateway Features	
WAN failover	Yes
Application priority	Yes
Application recognition	Yes
Behavior management	Yes

/ Software Specifications

Model	RG-EG105G-P V2
Flow control	Yes
Time-based blocking policy IP address-based blocking policy	Yes
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
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

/ Software Specifications

Model	RG-EG105G-P V2
OSPFv2	No
OSPFv3	No
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
NAT loopback	Yes
DNS client	Yes
DNS proxy	Yes
DNS server	Yes
No-IP DNS	Yes
GRE tunnel	No

Software Specifications

Model	RG-EG105G-P V2
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
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
HTTPS login	Yes

Software Specifications

Model	RG-EG105G-P V2
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: 32 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: 300 ES series: 128 Note: The maximum number of managed devices varies with each device series.
Reliability	
Stacking	No
VRRP	No
SD-WAN	
SD-WAN	No
Active/Standby mode (automatically switching to the standby interface when the active interface fails)	No
Security	
ACL	Yes
DHCP snooping	No
Malformed packet attack defense	Yes

Software Specifications

Model	RG-EG105G-P V2
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
Stateful firewall	Yes
IP-MAC binding	Yes
Network sharing prevention	Yes
Security log	Yes
Security zone	Yes
User group-based connection limiting	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
OpenVPN	Yes
OpenVPN bandwidth	20 Mbps
Maximum number of branches in OpenVPN networking	16

Software Specifications

Model	RG-EG105G-P V2
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	50
WireGuard server	No
WireGuard client	No
WLAN	
Maximum number of APs (AC mode)	300
Maximum number of devices that can be managed	128
Wireless Intelligent Optimization (WIO)	Yes

/ Package Contents

Model	RG-EG105G-P V2
Accessories	
Power adapter	1
Power cord	70.86 in. x 1 pieces
Rubber pad	4
Manual	
User Manual	1
Warranty Card	1

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Redefine your easy network