Ruijie | Reyee

RG-EG V3 Series
Reyee Cloud Managed Router

DATASHEET

Highlights

- Multi-WAN Load Balancing
- Captive Portal
- Smart Flow Control
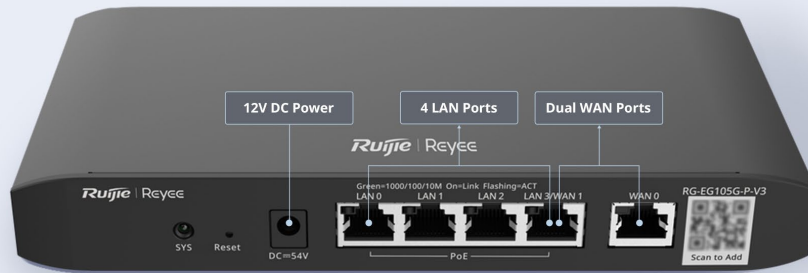- App Block
- VPN Security
- Free Cloud Management

/ Highlight Features

Simplified and Powerful

Powerful features for small networks, easier configuration than ever.

Interface | Installation

| 12V DC Power | 4 LAN Ports | Dual WAN Ports |

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Green=1000/100/10M On=Link Flashing=ACT
LAN 0 LAN 1 LAN 2 LAN 3/WAN 1 WAN 0 RG-EG105G-P-V3

SYS Reset DC=54V PoE Scan to Add

| | Dual WAN Load Balancing | VPN | IPSec, OpenVPN, PPTP, L2TP, etc. | | Captive Portal | | Free Cloud Management | | 3-Year Warranty |

Simplified and Powerful

Powerful features for small networks, easier configuration than ever.

Interface | **Installation**

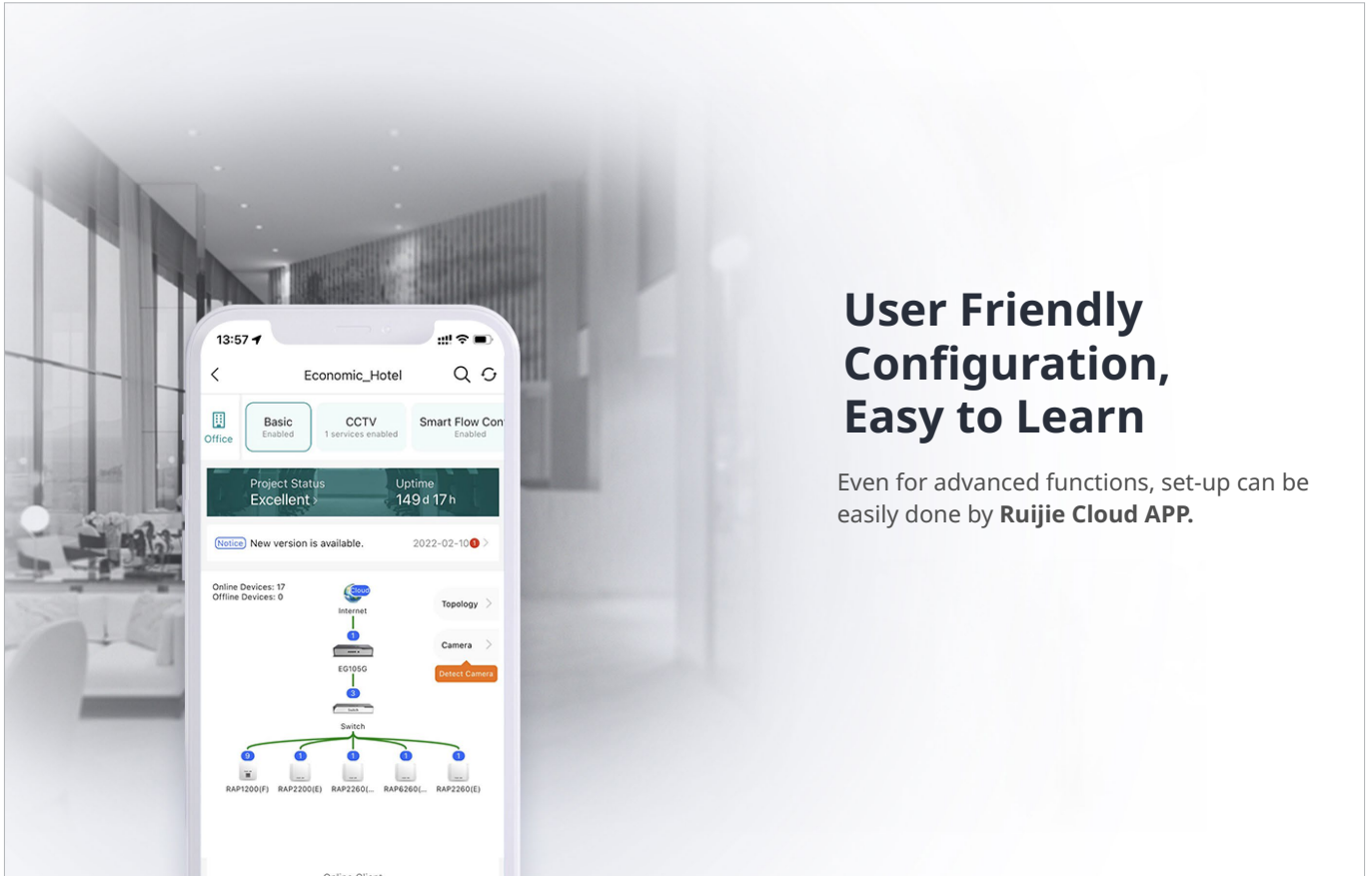| | **Multi-WAN Load Balancing** | VPN | **IPSec, OpenVPN, PPTP, L2TP, etc.** | | **Captive Porta** | | **Free Cloud Managemen** | | **3 Years Warranty** |

/ 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

Link 1   100 Mbps

Link 2   100 Mbps
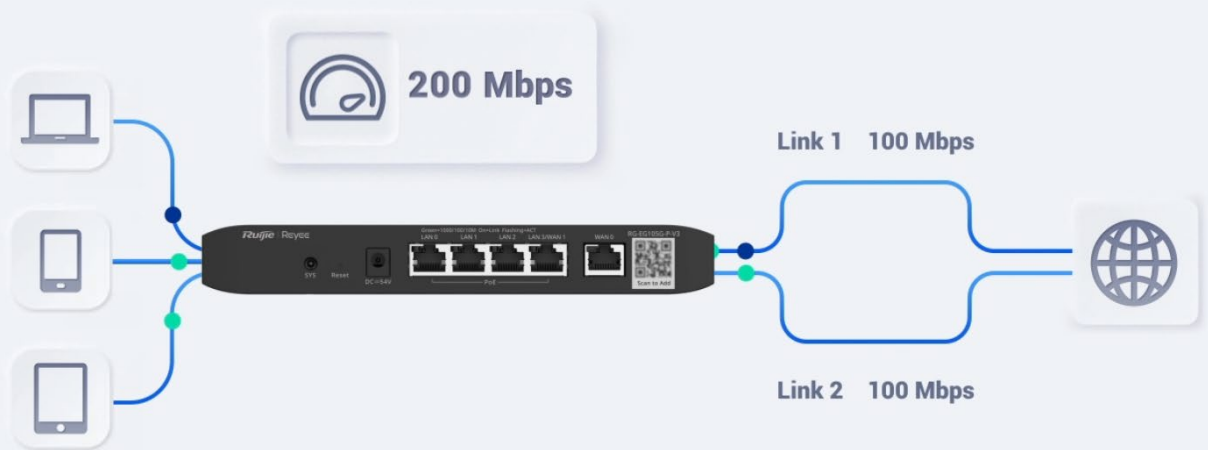
Seamless Failover

Aggregated Bandwidth
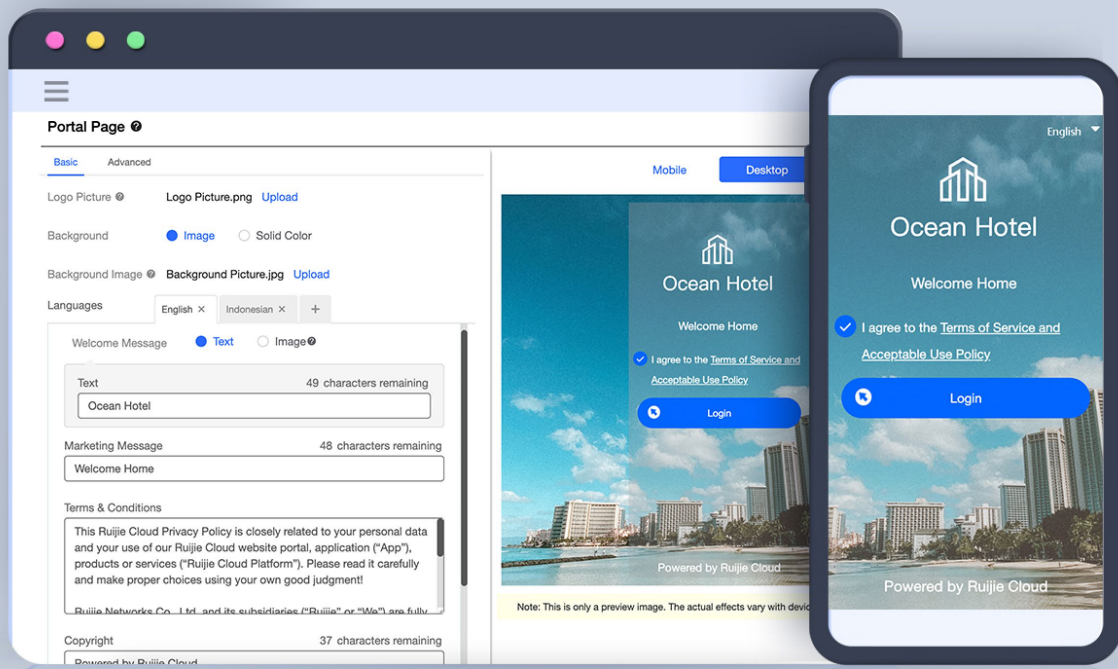
Automatic Setup

Customizable Link Weight

Highlight Features

Easy to Block Applications

Automatically updated APP library, maintenance-free

Customize Portal Page,
What You See is What You Get

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
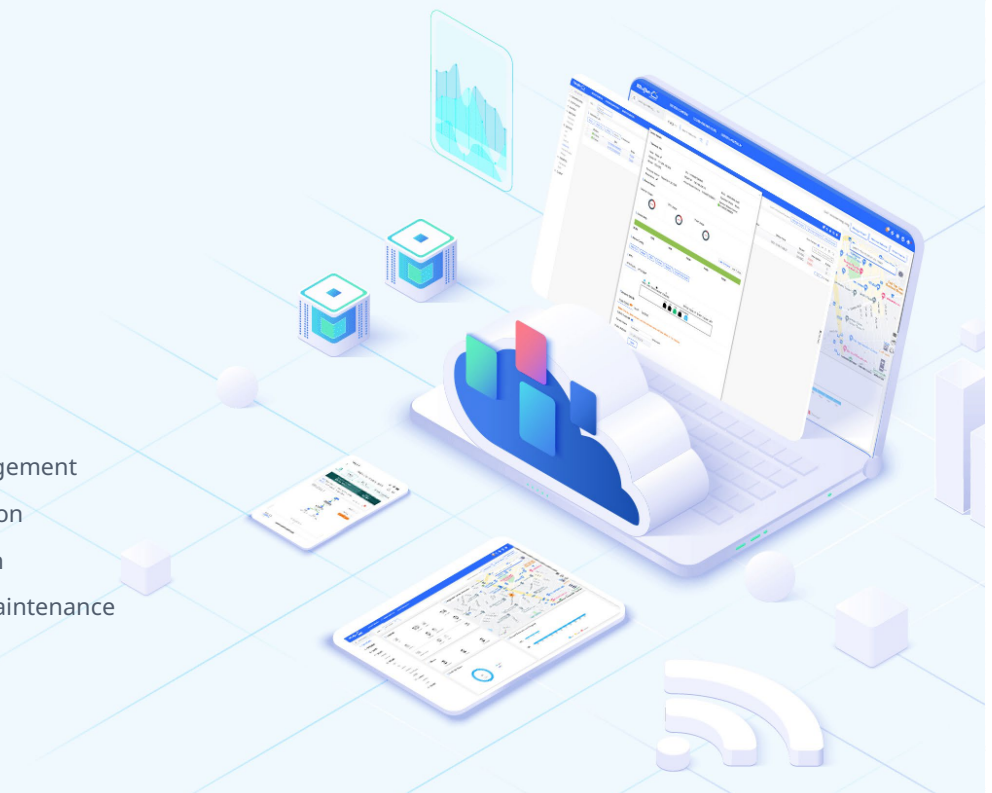
/ Specifications

Hardware Specifications

Model	RG-EG105G-V3	RG-EG105G-P-V3	RG-EG210G-P-V3
Basic Specifications			
Fixed WAN Port(s)	1×10/100/1000 Base-T		
Fixed LAN Port(s)	3×10/100/1000 Base-T	3×10/100/1000 Base-T	6×10/100/1000 Base-T
LAN/WAN Switchable Port(s)	1×10/100/1000 Base-T	1×10/100/1000 Base-T	3×10/100/1000 Base-T
Throughput	600 Mbps (1518 Byte, NAT+Flow Audit) 500 Mbps (1518 Byte, NAT+Authentication, Applicaation Identification, Flow Audit and Flow Control) 1000 Mbps (Turbo Mode)		
Recommended Concurrent Clients	100	100	200
System Specifications			
CPU	2 Cores, 880 MHz		
SDRAM/RAM	128 MB		256 MB
Flash Memory	32 MB		
Power Consumption	<12 W	<60 W (With PoE Full Load)	<130 W (With PoE Full Load)

Software Specifications

	RG-EG105G-V3	RG-EG105G-P-V3	RG-EG210G-P-V3
Basic Specifications			
Network Access Mode	PPPoE Client, DHCP Client, Static IP, All Support IPv4 & IPv6		
Work Mode	Router Mode or AC Mode		
VLAN	16 VLANs	16 VLANs	32 VLANs
IPTV	Support, via VLAN and via IGMP		
VLAN Priority (802.1p)	✓		
Learning PPPoE Account & Password	✓		
Network Management			
Self-Organizing Network (SON)	✓		
No. of Devices Managed in Router Mode	32 (APs/NBS Switches) +128 (ES Switches)		150 (APs/NBS Switches) +128 (ES Switches)

/ Specifications

Software Specifications			
Model	**RG-EG105G-V3**	**RG-EG105G-P-V3**	**RG-EG210G-P-V3**
No. of Devices Managed in AC Mode	300 (APs/NBS Switches) +128 (ES Switches)		500 (APs/NBS Switches) +128 (ES Switches)
Application Identifying (L7 DPI)	Identify 300+ Applications, including Communication, Video, Shopping, Play, Databank, P2P Software and Payment		
Behavior Management(L7 Filter)	App Block (Time-based/IP-based/User-based Policy) Website Filtering(Time-based/IP-based/User-based Policy)		
URL Auditing	✓		
Flow Control (QoS)	Smart Flow Control User Flow Control Policies VPN Flow Control		
Traffic Auditing	Real-time Traffic Auditing		
Anti Network Sharing	Support, TTL Rule		
Network Terminal Management	Terminal Detect, Identification, Position Detect		
SNMP v1/v2/v3	✓		
Log Auditing	NAT Log, URL Log, DHCP Log, Auth Log, (Thailand & Turkey Syslog)		
VPN			
VPN Sever	Support, IPsec, L2TP, PPTP, OpenVPN		
VPN Client	Support, IPsec, L2TP, PPTP, OpenVPN		
Only Enable IPsec VPN Overall Performance	28 Mbps		
Only Enable L2TP/ PPTP VPN Overall Performance	190 Mbps		
Only Enable OPENVPN Overall Performance	20 Mbps		
IPsec VPN + L2TP/PPTP VPN Overall Tunnels number	8		
OpenVPN Tunnels number	16		
Routing			
Static Routing (WAN Interface)	Support, IPv4 & IPv6		
RIP/RIPng	Support, IPv4 & IPv6		

Specifications

Software Specifications			
Model	**RG-EG105G-V3**	**RG-EG105G-P-V3**	**RG-EG210G-P-V3**
Policy-Based Routing (PBR)	Support, IPv4 & IPv6		
OSPF v2/v3	Support, IPv4 & IPv6		
WAN Port Failover	Support, Active/Standby Interface Mode		
WAN Load Balancing	Support, Source IP-based Load Balance, Session-based Load Balancing, Realtime-load-based Load Balance		
Network Service			
PPPoE Server	Support, 35 Concurrent Clients		Support, 65 Concurrent Clients
DHCP Server	✓		
DNS Server	✓		
DNS Client	✓		
DNS Proxy	✓		
NTP Client	✓		
DDNS	DynDns, NO-IP, Ruijie DDNS		
NAT	✓		
Port Mapping/DMZ	✓		
UPnP	✓		
Security			
ACL(Firewall)	Support, Time-based ACL (IPv4 & IPv6), Stateful Firewall		
Self-Security	Ping forbidden in LAN/WAN, WEB access forbidden in LAN, Local ICMP access forbiden		
IP-MAC Binding	✓		
MAC Address Filtering	MAC Address Allowlist & Blocklist		
Session Number Limit	✓		
ARP	Support, ARP Bind		

Specifications

Software Specifications			
Model	**RG-EG105G-V3**	**RG-EG105G-P-V3**	**RG-EG210G-P-V3**
Attack Defense		Anti Flood Attack Anti Suspicious Packet Attack ICMP Packet Management Anti Session Attack	
Security-Domain		✓	
Security Log		✓	
Authentication			
Radius Client		✓	
Radius Proxy		✓	
Cloud Authentication		Account, SMS, One-Click, Voucher, Customized Portal	
Local Authentication		Account, QR Code, SMS, One-Click, Voucher, Customized Portal	
3rd-Party Portal Integrate Interface		WiFiDog, WISPr	
AP Management (AC mode)			
Configurate SSIDs		✓	
Channel Settings		✓	
STA Management		✓	
Mesh Management		✓	
Wireless Roaming Settings		✓	
WIO		✓	
Device Managerment			
Management Method		eWEB, Cloud, APP	
Reboot Method		Reboot, Scheduled Reboot via eWEB/Cloud/APP	
Default Access/ Password		192.168.110.1 Default Password: admin	
Firmware Upgrade		Support, Online and Local Upgrade via eWEB, Upgrade via Cloud/APP	

Specifications

Software Specifications			
Model	**RG-EG105G-V3**	**RG-EG105G-P-V3**	**RG-EG210G-P-V3**
Configuration Backup		✓	
Factory Reset		✓	
eWEB Language		Chinese Traditional Chinese English Spanish French Indonesian Thailand Russia Turkish German Vietnamese Arabic	

Hardware Feature			
CPU		2 Cores, 880 MHz	
SDRAM/RAM	128 MB	128 MB	256 MB
Flash Memory		32 MB SPI FLASH	
Power Supplies	DC 12V/1A (Adapter included)	DC 54V/1.1A (Adapter included)	DC 54V/2.4A (Adapter included)
PoE Standard	NA		IEEE 802.3af/at
PoE Power Budget	NA	54 W	110 W
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm
Indicator		1×system LED indicator	
Buttons		1×Reset button	
Dimensions(W×D×H)		206.5 mm × 108.5 mm × 28 mm	202 mm × 108 mm × 28 mm
Weight		0.406 kg (packages not included)	0.522kg (packages not included)
Installation		Desk-mounted, Wall-mounted	Desk-mounted
Rack Dimensions		NA	
Dissipation Mode		Air-cooled Heat Dissipation	
Fan		Fansless	

Specifications

Hardware Feature			
Model	**RG-EG105G-V3**	**RG-EG105G-P-V3**	**RG-EG210G-P-V3**
Operating Temperature	0°C to 40°C (32°F to 104°F)		
Storage Temperature	-40°C to 75°C (-40°F to 167°F)		
Operating Humidity	10% to 90% Noncondensing		
Storage Humidity	5% to 95% Noncondensing		
Port Surge	4 kV		
IP(Ingress Protection)	IP20		

Package Contents

Device	RG-EG105G-V3	RG-EG105G-P-V3	RG-EG210G-P-V3
Foot Pad	4	4	4
Power Adapter	1	1	1
Mounting bracket	-	-	-
M4x8 Screws	-	-	-
Power cord	-	-	1
Power cord retention clip	-	-	-
Quick Start Guide	1	1	1
Warranty Card	1	1	1
Package Weight	0.85 kg	1.0 kg	1.6 kg
Package Dimension (w x d x h)	308 mm × 257 mm × 58 mm	308 mm × 257 mm × 58 mm	280.5 mm x 233 mm x 79 mm

RUjÏe | Reyee

Redefine your easy network

Ruijie Networks Co., Ltd.
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