RG-EG SERIES
GIGABIT CLOUD MANAGED ROUTERS

RG-EG105G/ RG-EG105G-P/ RG-EG210G-P

Redefine your easy network

Ruijie Networks

Product Overview

The RG-EG series Router is a cloud-managed router designed for homes, smart homes , restaurants, small offices and hotels. It is affordable, small, and easy to use, but also comes with 500Mbps-600Mbps bandwidth supporting up to 200 terminals.

The 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.

The built-in network controller of RG-EG105G/RG-EG105G-P can centrally manage up to 32 Reyee APs and up to 128 Reyee cloud managed switches. The RG-EG210G-P can manage up to 150 Reyee APs and up to 128 Reyee cloud managed switches.

The RG-EG series offers industry-leading auto-discovery and auto-networking features for gateways, switches and wireless, offering unified configuration, remote management and remote fault diagnosis of the entire network via the Ruijie Cloud app.

Highlights

- **Auto-provisioning via self-organising network**
- **Ruijie Cloud management**
- **Multiple WAN Ports**
- **Gigabit Ethernet ports**
- **IPSec VPN**
- **Enterprise Security features**
- **Stand-Alone Access Controller**
- **Smart Flow Control**

Technical Specifications

Model	RG-EG105G	RG-EG105G-P	RG-EG210G-P
Fixed ports	5x 10/100/1000 Mbps, supporting up to 2x WAN ports (Default: 1x WAN port, 4x LAN ports; LAN3 can be switched to WAN1 port)	5x 10/100/1000 Mbps, supporting up to 2x WAN ports (Default: 1 WAN port, 4 LAN ports; LAN3 can be switched to WAN1 port)	10x 10/100/1000 Mbps, supporting up to 4x WAN ports (Default: 1x WAN port and 9x LAN ports; LAN8, LAN7 and LAN6 can be switched to WAN ports)
RAM	128MB	128MB	256MB
Flash	16MB	16MB	16MB
Maximum number of clients	Up to 100 concurrent clients	Up to 100 concurrent clients	Up to 200 concurrent clients
Recommended bandwidth	500Mbps asymmetric bandwidth (flow control disabled) 300M asymmetric bandwidth (flow control enabled)	500Mbps asymmetric bandwidth (flow control disabled) 300M asymmetric bandwidth (flow control enabled)	600Mbps asymmetric bandwidth (flow control disabled) 500M asymmetric bandwidth (flow control enabled)
Local power supply	Support 220V AC local power supply		
Power consumption	<6W	<60W (With PoE load)	<80W

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
VPN	IPsec VPN (8 tunnels) server and client

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 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

Model	RG-EG105G	RG-EG105G-P	RG-EG210G-P
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	E-web and Ruijie Cloud		
Physical specifications			
Dimensions	206.5×108.5×28 (mm)	206.5×108.5×28 (mm)	202×107×28 (mm)
Weight	0.84kg	0.84kg	1.5kg
Temperature	Operating temperature: 0 ~ 40°C Storage temperature: -10 ~ 70°C		
Humidity	Operating humidity: 10% ~ 90% (non-condensing) Storage humidity: 5% ~ 95% (non-condensing)		