

RG-EG210G-P-V3

Reyee Cloud Managed PoE Router



Highlights

- Unified features with upgraded flash storage.
- 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



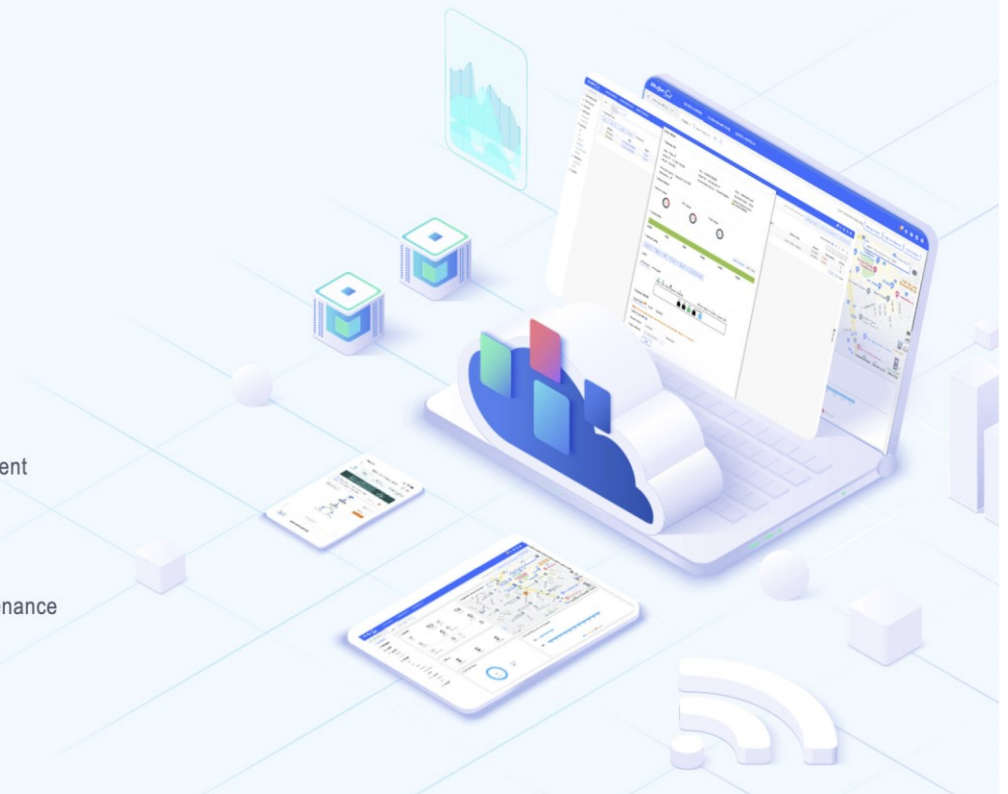
Secure Access Internal Device Remotely

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-V3 |
|-------------------------------------|---|
| 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 | 32 MB |
| RAM | 256 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 | 130 W |
| PoE budget | 110 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+) |

Hardware Specifications

| Model | RG-EG210G-P-V3 |
|------------------------------------|---|
| Dimensions and Weight | |
| Package dimensions (W x D x H) | 594mm x 426mm x 267mm (23.38 in. x 16.77 in. x 10.51in.) |
| 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 | 1.60 kg (3.53 lbs) |
| Weight | 1.48 kg (3.26 lbs) |
| Environment and Reliability | |
| Cooling | Natural cooling |
| Fan | Fanless design |
| 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: ±2 kV for common mode Power connector: ±2 kV for common mode and ±1 kV for differential mode |

Software Specifications

| Model | RG-EG210G-P-V3 |
|---|--|
| System Performance Capacity | |
| Maximum number of concurrent sessions | 60000 |
| Recommended number of concurrent clients | 200 |
| Throughput | 1000 Mbps (Turbo Mode) 600 Mbps (Normal Mode) |
| 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 | Static IP address Static IPv6 address Dynamic IP address Dynamic IPv6 address PPPoE |
| Local upgrade | Yes |
| Log upload | Yes |
| 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 |

Software Specifications

| Model | RG-EG210G-P-V3 |
|--|----------------|
| 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 | Yes |
| Delivery through Ruijie Cloud portal page | Yes |
| 802.1X authentication | Yes |
| MAC address-based authentication | Yes |
| PPPoE server | Yes |
| Number of accounts supported by the PPPoE server | 100 |
| Number of concurrent clients supported by the PPPoE server | 65 |
| PAP | Yes |
| RADIUS authentication | Yes |
| RADIUS client | Yes |
| RADIUS accounting based on time or traffic | Yes |
| RADIUS flow control authorization | Yes |
| RADIUS proxy server | Yes |
| RADIUS traffic quota authorization | Yes |

Software Specifications

| Model | RG-EG210G-P-V3 |
|--|----------------|
| RADIUS user group authorization | Yes |
| Third-party authentication | 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 |
| 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 |

Software Specifications

| Model | RG-EG210G-P-V3 |
|--|----------------|
| Behavior management | Yes |
| 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 | Yes |
| Bandwidth aggregation | Yes |
| BGP | Yes |
| BGP4 | Yes |
| BGP4+ | Yes |
| 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 |

Software Specifications

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|--|----------------|
| Load balancing based on the interface weight | Yes |
| Route selection by link quality | Yes |
| OSPFv2 | Yes |
| OSPFv3 | Yes |
| 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 |

Software Specifications

| Model | RG-EG210G-P-V3 |
|--|----------------|
| DNS server | Yes |
| 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 |
| 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 |

Software Specifications

| Model | RG-EG210G-P-V3 |
|---|---|
| TFTP client (IPv4 address) | Yes |
| TFTP server (IPv4 address) | No |
| HTTPS login | Yes |
| NTP client | Yes |
| NTP server | No |
| Scheduled device restart | Yes |
| SNMPv1, v2c, and v3 | Yes |
| 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. |
| Reliability | |
| Stacking | No |
| VRRP | No |
| SD-WAN | |
| SD-WAN | Yes |
| SD-WAN performance | 80 Mbps |
| Number of tunnels supported by SD-WAN | 24 |
| Maximum number of SD-WAN branches | 8 |

Software Specifications

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|--|----------------|
| Active/Standby mode (automatically switching to the standby interface when the active interface fails) | Yes |
| Bypass networking for a device in AP mode | No |
| Centralized traffic forwarding policy | Yes |
| Multi-WAN link bundling efficiency (lab data) | ≥ 80% |
| Security | |
| ACL | Yes |
| DHCP snooping | No |
| Malformed packet attack defense | Yes |
| 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 | |

Software Specifications

| Model | RG-EG210G-P-V3 |
|--|----------------|
| IPsec VPN | Yes |
| IPsec VPN bandwidth | 28 Mbps |
| Maximum number of branches in IPsec VPN networking | 8 |
| L2TP VPN | Yes |
| L2TP VPN bandwidth | 130 Mbps |
| Maximum number of branches in L2TP VPN networking | 8 |
| 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 | Yes |
| WireGuard client | Yes |
| WireGuard performance | 80 Mbps |
| Number of concurrent tunnels supported by the WireGuard server | 8 |
| WLAN | |
| Maximum number of APs (AC mode) | 500 |
| Maximum number of devices that can be managed | 128 |

Software Specifications

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|---|----------------|
| Wireless Intelligent Optimization (WIO) | Yes |

Package Contents

| Model | RG-EG210G-P-V3 |
|----------------------|--|
| Accessories | |
| Power adapter | 1 |
| Power cord | 1 x 1 m \pm 50 mm (39.37 in. \pm 1.97 in.) |
| Manual | |
| User Manual | 1 |
| Warranty Card | 1 |

Ruijie | **Reyee**

 **R**edefine **y**our **e**asy **n**etwork



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