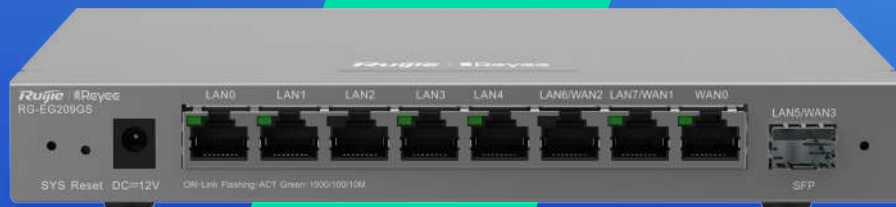


# RG-EG209GS

## Reyee 9-Port Gigabit SFP Cloud Managed Router

DATASHEET



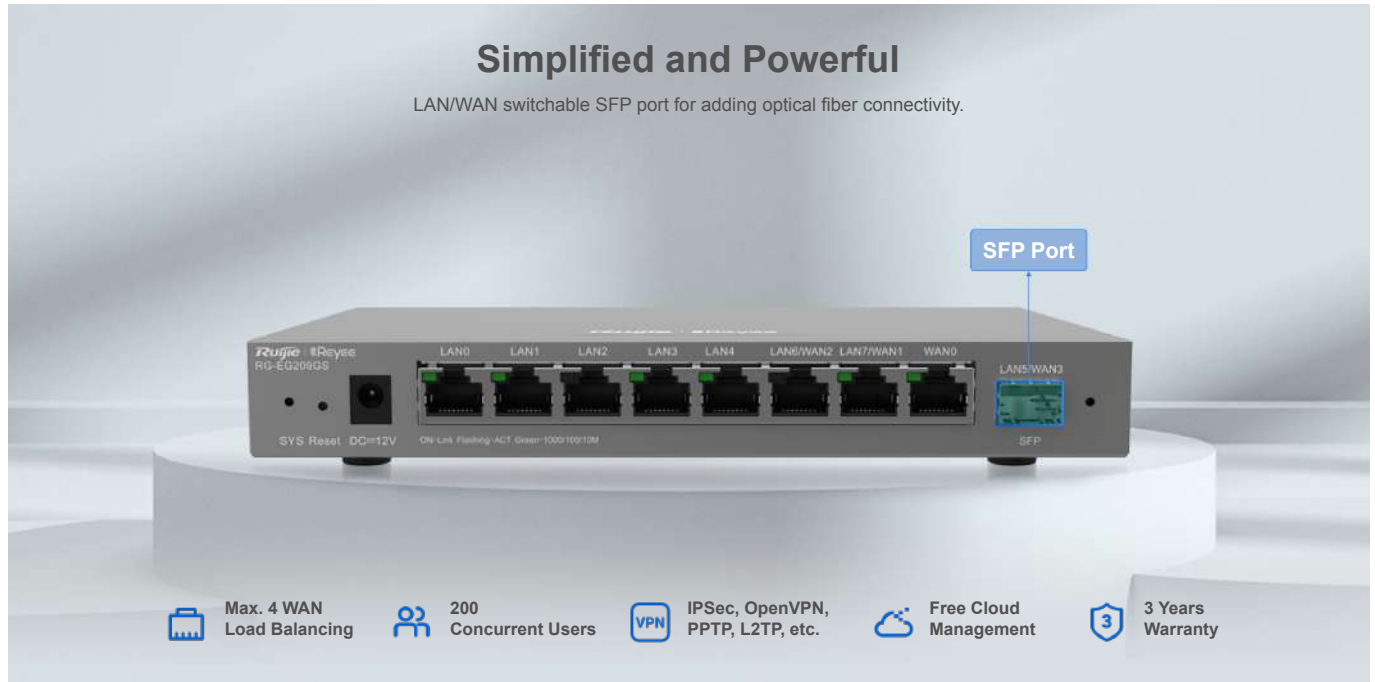
### Highlights

- LAN/WAN switchable SFP port for adding optical fiber connectivity
- User friendly configuration, easy to learn
- Intelligent load balancing and link redundancy between multiple WAN ports
- New efficient way of bandwidth management based on application and user
- Customize portal page, what you see is what you get

# Highlight Features

## Simplified and Powerful

LAN/WAN switchable SFP port for adding optical fiber connectivity.



## User Friendly Configuration, Easy to Learn

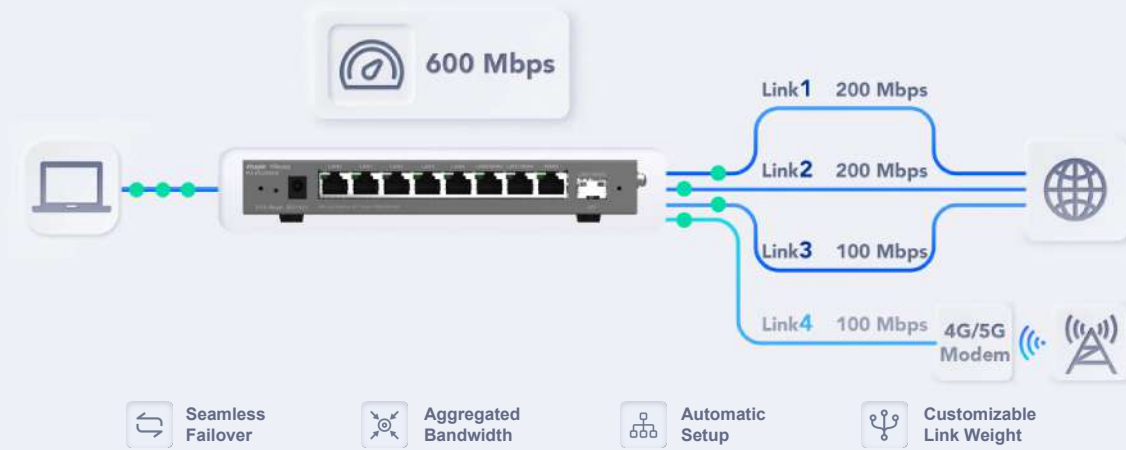
Even for advanced functions, set-up can be easily done by Ruijie Cloud APP.



# Highlight Features

## Unbreakable Multi-WAN Internet

Intelligent load balancing and link redundancy between multiple WAN ports



## New Efficient Way of Bandwidth Management

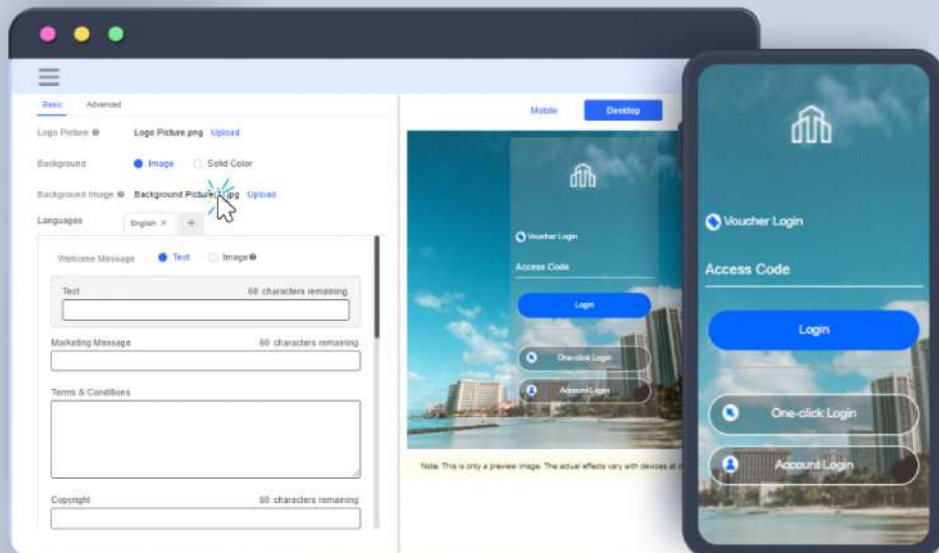
### Application Based Bandwidth Management

|  |   |
|--|---|
|  | <b>Video Conference</b><br>High-priority<br>20 Mbps |
|  | <b>HD Video</b><br>5 Mbps                           |
|  | <b>Social Media</b><br>5 Mbps                       |

### User Based Bandwidth Management

|  |   |
|--|---|
|  | <b>User Group Management</b><br>50 Mbps               |
|  | <b>User Group Finance</b><br>High-priority<br>30 Mbps |
|  | <b>User Group Other staff</b><br>100 Mbps             |

## 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

### Physical Basic

|                            |  |
|----------------------------|--|
| Fixed WAN Port             | 1×10/100/1000 Base-T   |
| Fixed LAN Port(s)          | 7×10/100/1000 Base-T<br>1×1GBase-X SFP   |
| LAN/WAN Switchable Port(s) | 2×10/100/1000 Base-T<br>1×1GBase-X SFP   |
| Performance                | 600Mbps (1518Byte,NAT+Flow Audit)<br>430 Mbps (1518Byte,NAT+Authentication, Application Identification, Flow Audit and Flow Control) |
| Throughput                 | 600Mbps  |
| Recommended Clients        | 200  |
| Power Consumption          | ≤ 18W  |

### Software Feature

|   |   |
|---|---|
| Network Access Mode                       | PPPoE Client<br>DHCP Client<br>Static IP  |
| Automatic Identification of Internet Type | ✓   |
| Avoidance of WAN IP Address Conflicts     | ✓   |
| Learning PPPoE Account & Password         | ✓   |
| VLAN                                      | Support, 8  |
| IPv6                                      | ✓   |
| IPTV                                      | ✓   |
| AC Mode                                   | ✓   |
| Behavior Management                       | APP Block (Time/IP-based Policy)<br>Website Filtering   |
| Application Recognition                   | Identify 100+ Applications, including Office, IM, Web Page, Online Shopping, Online Gaming, P2P Download and Popular Videos |
| Application Priority                      | ✓   |

## Specifications

| Software Feature                 |   |
|----------------------------------|---|
| Flow Control                     | Smart Flow Control<br>Custom flow Control Policies<br>IP-based Automatic Bandwidth Assignment |
| Traffic Audit                    | Real-time Traffic Audit   |
| Diagnosis                        | ✓   |
| Marketing authentication         | WiFiDog (SMS authentication and one-click authentication)                                     |
| Local authentication             | Portal Authentication<br>Password Authentication<br>QR Code Authentication                    |
| L2TP VPN                         | ✓   |
| PPTP VPN                         | ✓   |
| IPsec VPN                        | ✓   |
| OpenVPN                          | ✓   |
| No. of PPTP&L2TP&OpenVPN Account | 100   |
| Overall IPsec VPN Performance    | 28Mbps  |
| Overall L2TP VPN Performance     | 190Mbps   |
| Overall OPENVPN Performance      | 20Mbps  |
| IPsec VPN Tunnels                | 8   |
| OpenVPN Tunnels                  | 16  |
| L2TP VPN Tunnels                 | 8   |
| Static routing                   | ✓   |
| RIP/RIPng                        | ✓   |
| Policy-Based Routing (PBR)       | ✓   |
| WAN Port Failover                | ✓   |

## Specifications

| Software Feature                                   |                                       |
|--|---------------------------------------|
| WAN Load Balancing                                 | ✓                                     |
| Load balancing based on source address             | ✓                                     |
| Flow-based Load Balancing                          | ✓                                     |
| Port-based weighted load balancing of data streams | ✓                                     |
| PPPoE Client                                       | ✓                                     |
| PPPoE Server                                       | ✓                                     |
| DHCP Server  | ✓                                     |
| DNS Client   | ✓                                     |
| DNS Server   | ✓                                     |
| DNS Proxy  | ✓                                     |
| NTP Client   | ✓                                     |
| DDNS   | Oray DDNS, DynDns, NO-IP, Ruijie DDNS |
| NAT  | ✓                                     |
| NAPT   | ✓                                     |
| NAT ALG  | ✓                                     |
| Port Mapping                                       | ✓                                     |
| UPnP   | ✓                                     |
| MACC   | ✓                                     |
| ACL  | ✓                                     |
| Time-based ACLs                                    | ✓                                     |
| Malicious Attacks Defense                          | ✓                                     |
| ARP binding  | ✓                                     |

# Specifications

| Software Feature               |  |
|--------------------------------|--|
| Prevent Port Scan Attack       | ✓  |
| Prevent Fragmentation Attack   | ✓  |
| Prevent Teardrop Attack        | ✓  |
| Prevent Ping of Death Attack   | ✓  |
| Prevent Land Attack            | ✓  |
| Prevent Smurf / Fraggle attack | ✓  |
| Prevent SYN Flood Attack       | ✓  |
| Cloud Management               | ✓  |
| APP Management                 | ✓  |
| APP Upgrade                    | ✓  |
| APP Restart                    | ✓  |
| Scheduled Restart              | ✓  |
| Default Access/Password        | 192.168.110.1, No Password Required by Default |
| Local Upgrade                  | ✓  |
| Online Upgrade                 | ✓  |
| Backup                         | ✓  |
| Factory Reset                  | ✓  |

Language

Chinese  
 English  
 Vietnamese  
 Indonesian  
 Thai  
 Arabic  
 Traditional Chinese  
 Spanish  
 Russian



## Specifications

### Hardware Feature

|                       |  |
|-----------------------|--|
| CPU                   | 2 Cores, 880 MHz   |
| SDRAM/RAM             | 256MB  |
| Flash Memory          | 32MB SPI NOR FLASH   |
| Power Supplies        | DC 12V/1.5A  |
| PoE Standard          | NA   |
| PoE Power Budget      | NA   |
| DC Port Dimensions    | Outer Diameter: 5.5 mm<br>Inner Diameter: 2.1 mm<br>Length: 10 mm<br>(Outer Diameter: 0.22 in.<br>Inner Diameter: 0.08 in.<br>Length: 0.39 in. ) |
| Indicator             | 1 × System LED indicator   |
| Buttons               | 1 × Reset button   |
| Dimensions ( W×D×H )  | 202 mm x 28 mm x 108 mm(7.9 5in. x 1.1 in. x 4.25 in.)   |
| Weight                | 0.5kg (packages not included)  |
| Installation          | Desk-mounted   |
| Rack Dimensions       | NA   |
| Dissipation Mode      | Air-cooled Heat Dissipation  |
| Airflow Direction     | NA   |
| Fan                   | Fansless   |
| Operating Temperature | 0°C to 40°C (32°F to 104°F)  |
| Storage Temperature   | -40°C to 70°C (-40°F to 158°F)   |
| Operating Humidity    | 10% to 90% Noncondensing   |
| Storage Humidity      | 5% to 90% Noncondensing  |
| Port Surge            | 4 kV   |

## Specifications

| Hardware Feature                |      |
|---------------------------------|------|
| IP(Ingress Protection)          | IP20 |
| Max Management of Reyee Switchs | 128  |
| Max Management of Reyee APs     | 150  |
| No. of PPPoE Server Account     | 65   |

## Package Contents

| Device                        | RG-EG209GS              |
|-------------------------------|-------------------------|
| Device                        | 1                       |
| Foot Pad                      | 4                       |
| Power Adapter                 | 1                       |
| User Manual                   | 1                       |
| Warranty Card                 | 1                       |
| Package Weight                | 1.1 kg                  |
| Package Dimension (w x d x h) | 305 mm x 289 mm x 64 mm |

**Ruijie** | 睿 Rcycc

 **Redefine your easy network**

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