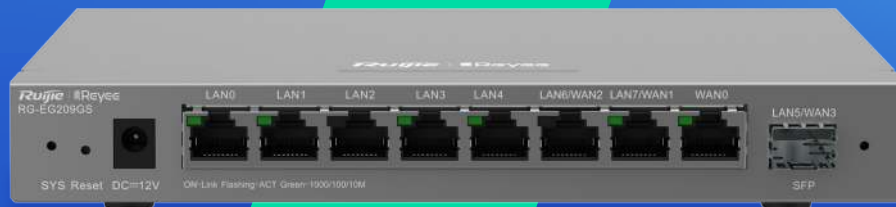# RG-EG209GS

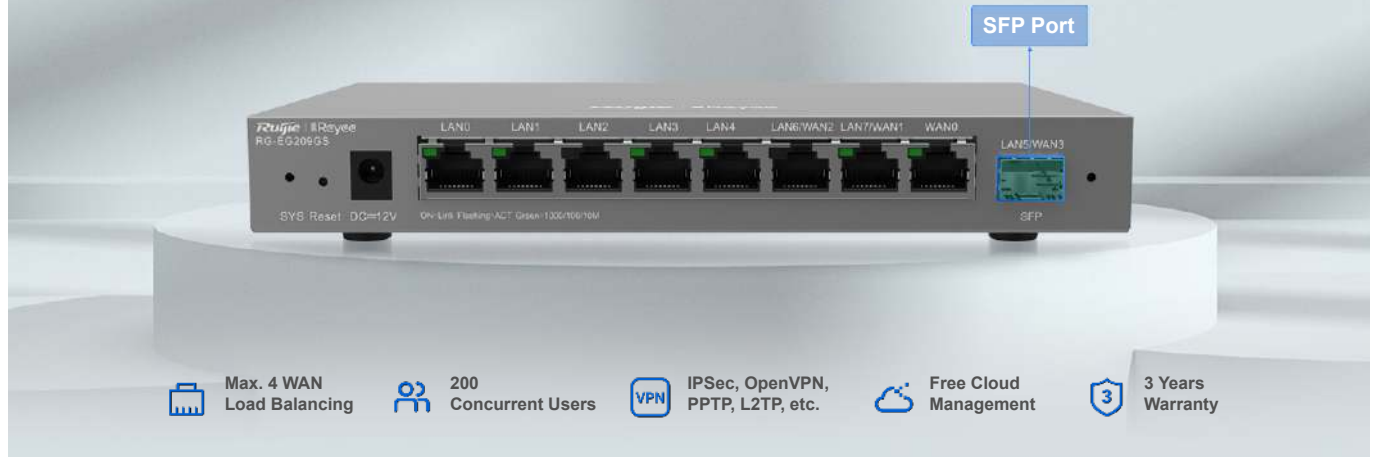## Reyee 9-Port Gigabit SFP Cloud Managed Router

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.

SFP Port

Ruijie | #Reyee
RG-EG209GS

SYS Reset DC=12V   LAN0 LAN1 LAN2 LAN3 LAN4 LAN6/WAN2 LAN7/WAN1 WAN0   LAN5/WAN3
0V:Link Flashing:ACT Green:1000/100/10M   SFP

Max. 4 WAN Load Balancing

200 Concurrent Users

IPSec, OpenVPN, PPTP, L2TP, etc.

Free Cloud Management

3 Years Warranty

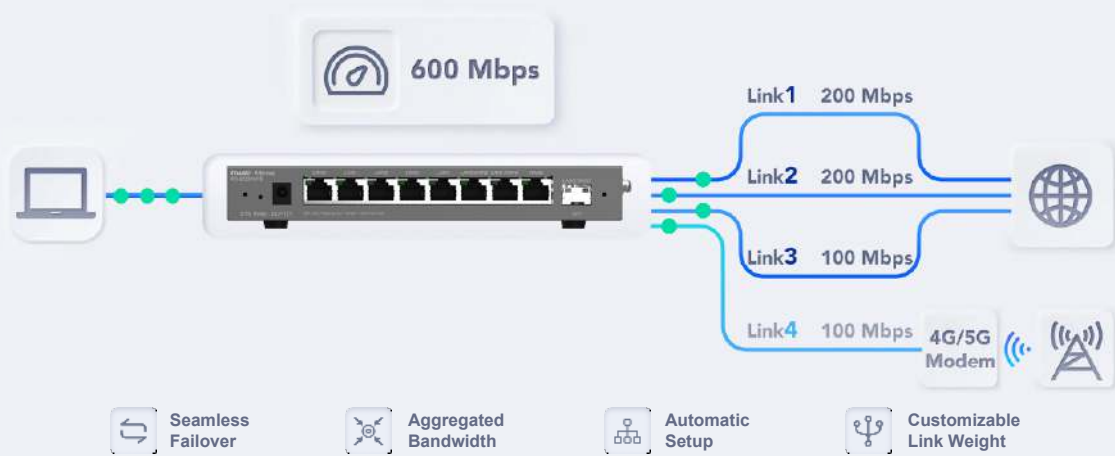## User Friendly Configuration, Easy to Learn

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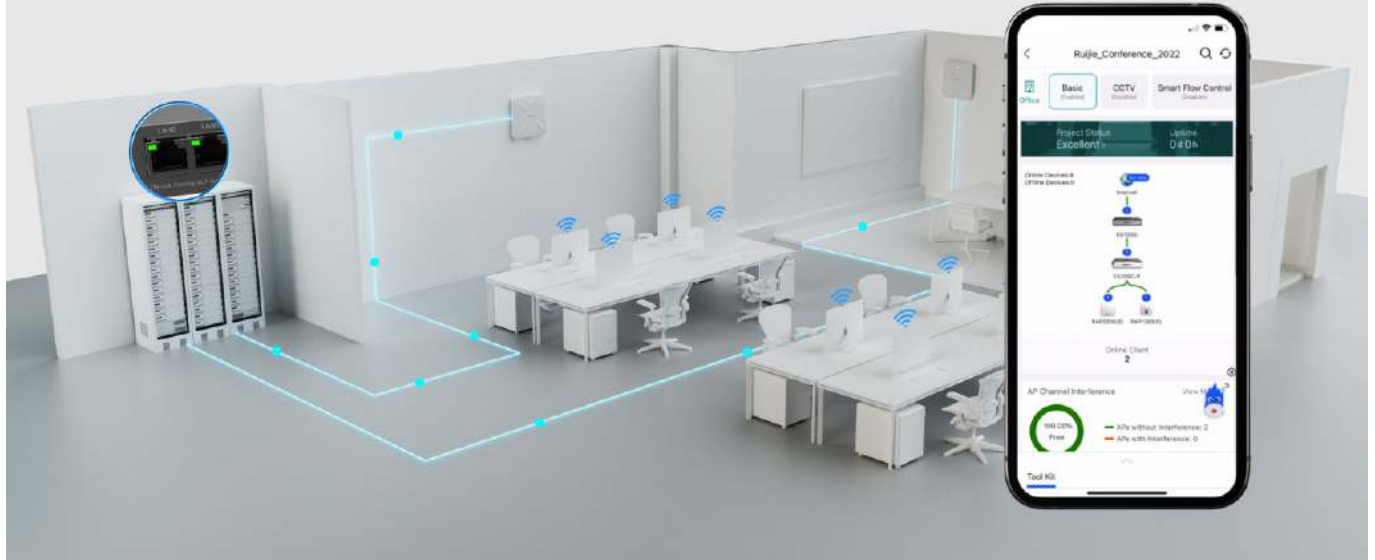
Highlight Features

Unbreakable Multi-WAN Internet

Intelligent load balancing and link redundancy between multiple WAN ports

600 Mbps

Link1 200 Mbps
Link2 200 Mbps
Link3 100 Mbps
Link4 100 Mbps 4G/5G Modem

Seamless Failover

Aggregated Bandwidth

Automatic Setup

Customizable Link Weight

New Efficient Way of Bandwidth Management

Application Based Bandwidth Management

zoom — Video Conference — High-priority — 20 Mbps

YouTube — HD Video — 5 Mbps

Social Media — 5 Mbps

User Based Bandwidth Management

User Group Management — 50 Mbps

User Group Finance — High-priority — 30 Mbps

User Group Other staff — 100 Mbps

Customize Portal Page, What You See is What You Get
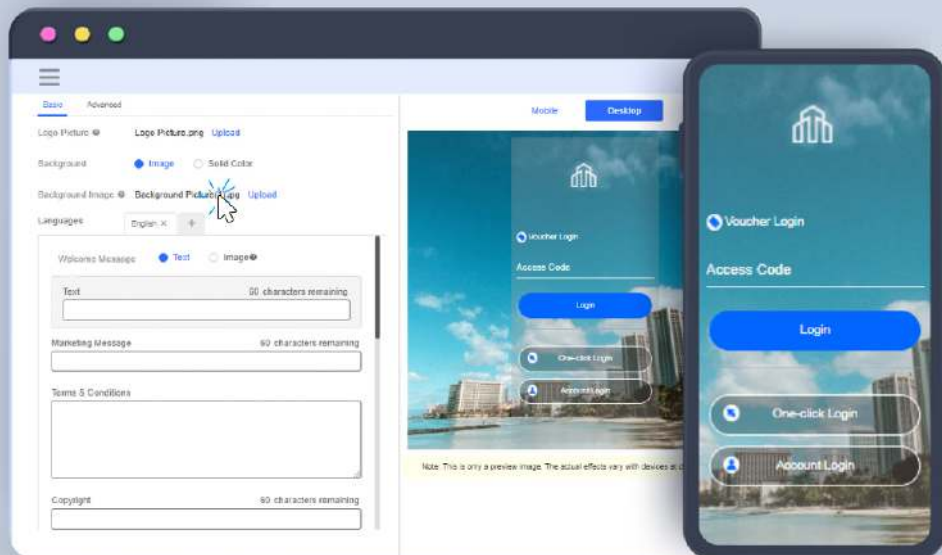
/ Highlight Features

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
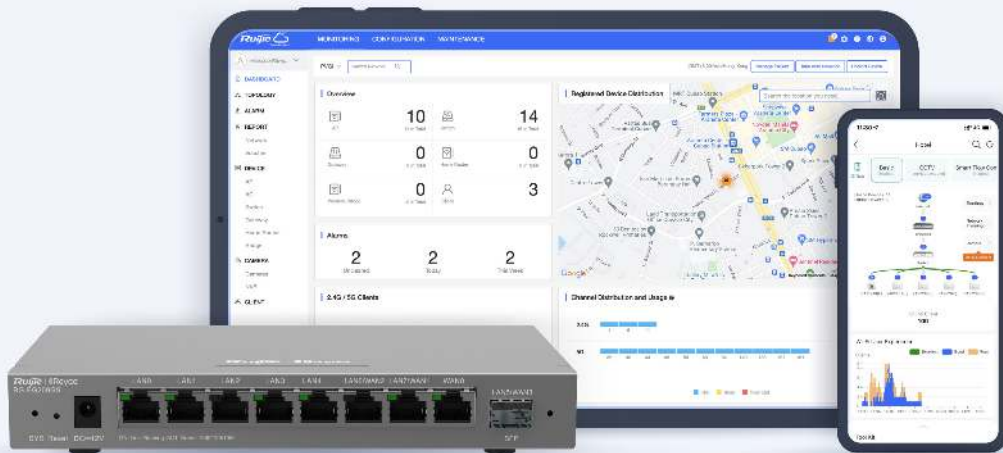
/ Specifications

Physical Basic	
Fixed WAN Port	1×10/100/1000 Base-T
Fixed LAN Port(s)	7×10/100/1000 Base-T 1×1GBase-X SFP
LAN/WAN Switchable Port(s)	2×10/100/1000 Base-T 1×1GBase-X SFP
Performance	600Mbps (1518Byte,NAT+Flow Audit) 430 Mbps (1518Byte,NAT+Authentication, Applicaation Identification, Flow Audit and Flow Control)
Throughput	600Mbps
Recommended Clients	200
Power Consumption	≤ 18W
Software Feature	
Network Access Mode	PPPoE Client DHCP Client 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) 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 Custom flow Control Policies 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 Password Authentication 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	✓
Software Feature	

/ 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 Inner Diameter: 2.1 mm Length: 10 mm (Outer Diameter: 0.22 in. Inner Diameter: 0.08 in. 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 | Rcycc

Redefine your easy network