

# RG-EG1510XS

## Reyee High-performance Cloud Managed Router

DATASHEET



### Highlights

- Supreme Capacity Up to 1500 concurrent Clients
- The Brilliant Brain of Network Management
- Freely Open to Third-Party Authentication Integration
- Easy Intranet Connection
- Terminal Recognition for Easy Management & Bandwidth Management
- Easy VPN Configuration
- 2.5" SATA HDD Extension Bay for Local Syslog Storage
- Cloud, Make Your Business Easy

# Highlight Features

## The Powerful EG go BIG

Next Level Flagship Business Router For Up To 1500 Clients



**Ruijie Reyee RG-EG1510XS**

- 1500 Concurrent Clients
- 1000 VPN Tunnels
- 4Gbps Throughput
- 1TB Storage, 4-5 Months Syslog

## Supreme Capacity with Tremendous Performance Router Can Fit Multiple Large Scenario Perfectly

Scenarios	Concurrent Clients	
 <p>Boutique Hotels</p>	 <p>HQ with Multi-Branches</p>	 <p>Staff Accomodation</p>

- Third-party Portal Authentication Integration
- VPN IPSec, OpenVPN, L2TP,PPTP,etc
- Authentication and Authorization

## Supreme Capacity with Tremendous Performance Router Can Fit Multiple Large Scenario Perfectly

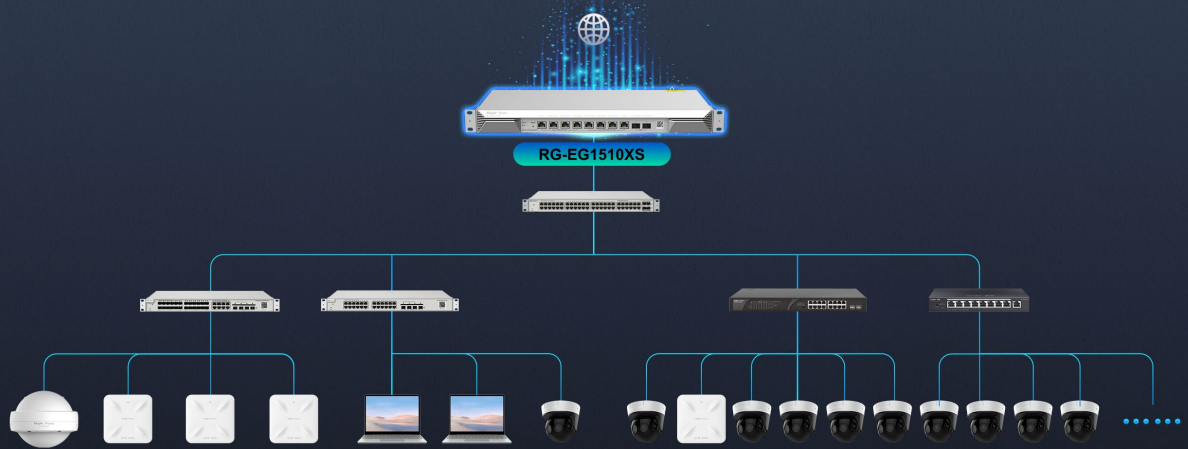
Scenarios	Concurrent Clients	
		

Supreme Capacity Up to **1500** Clients Can Access

# Highlight Features

## The Brilliant Brain of Network Management

Link up all Reeye devices intelligently in one click and make management in unity

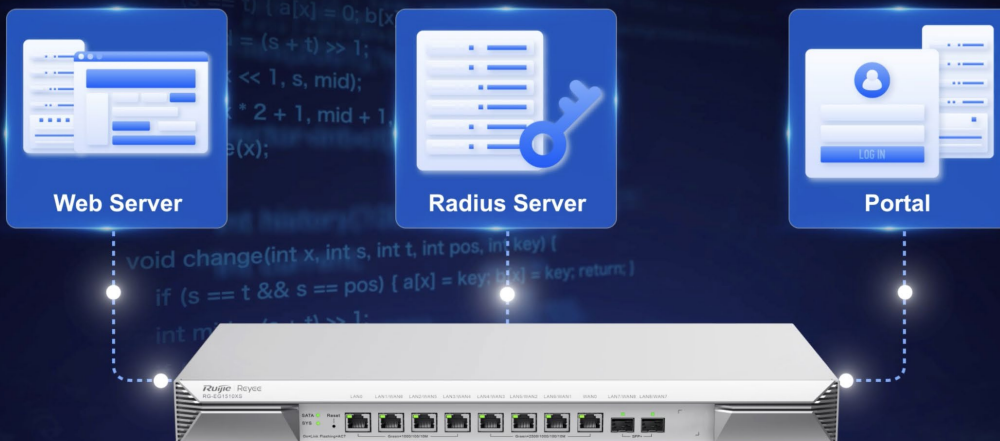


## Easy Intranet Connection

The management console uniformly display all third-party devices that enabled easy intranet connection and link to its web interface by one click




## Freely Open to Third-Party Authentication Integration



# Highlight Features


## Terminal Recognition & Bandwidth Management

Accurately identify the third-party devices, quickly locate high-load users and tuning network



**Low Speed loading**

Progress bar: 10% (1 blue segment, 9 grey segments)



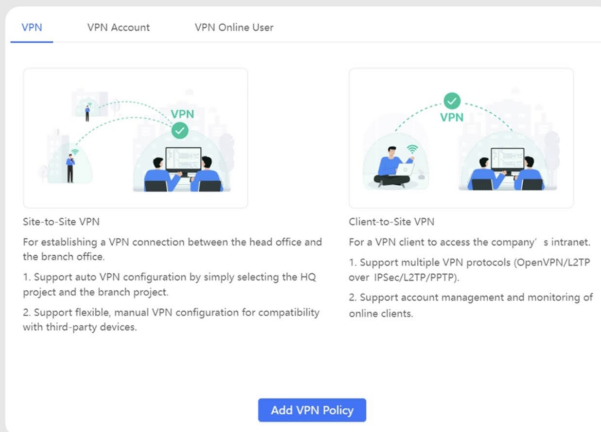
**High Speed working**

Progress bar: 100% (10 blue segments)



## Easy VPN Configurations

Three steps to configure VPN easily and stably



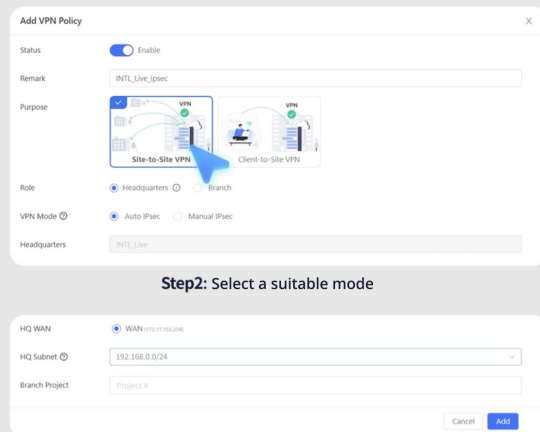
VPN Account | VPN Online User

**Site-to-Site VPN**  
For establishing a VPN connection between the head office and the branch office.  
1. Support auto VPN configuration by simply selecting the HQ project and the branch project.  
2. Support flexible, manual VPN configuration for compatibility with third-party devices.

**Client-to-Site VPN**  
For a VPN client to access the company's intranet.  
1. Support multiple VPN protocols (OpenVPN/L2TP over IPsec/L2TP/PPTP).  
2. Support account management and monitoring of online clients.

**Add VPN Policy**



Step1: Add VPN policy



**Add VPN Policy**

Status:  Enable

Remark: INTL\_Live\_ipsec

Purpose:  

Role:  Headquarters  Branch

VPN Mode:  Auto IPsec  Manual IPsec

Headquarters: INTL\_Live

**Step2: Select a suitable mode**

HQ WAN:  WAN\_192.168.0.0/24

HQ Subnet: 192.168.0.0/24

Branch Project: Project A

**Step3: Enter the IP Address of the corresponding server**

Cancel Add

## 2.5" 1TB SATA HDD Extension for 4~5 Months Syslog Storage

Providing more storage spaces to keep tracking syslogs for compliance audit.



# Highlight Features

## Cloud, Make Your Business Easy

- Self-organization network
- Scenario-based configuration guide
- Marketing portal authentication
- Quickly advanced service setup by APP
- Cloud APP maintenance remotely



# Specifications

## Hardware Specifications

Model	RG-EG1510XS
Basic Specifications	
Fixed WAN Port(s)	1×10/100/1000/2500 Base-T
Fixed LAN Port(s)	1×10/100/1000 Base-T
LAN/WAN Switchable Port(s)	3×10/100/1000 Base-T 3×10/100/1000/2500 Base-T 2 x 10G/1G Base-X SFP (LAN7/WAN8 port is compatible to 2.5G)
Throughput	4 Gbps (1518 Byte, NAT+Flow Audit) 3 Gbps (1518 Byte, NAT+Authentication, Application Identification, Flow Audit and Flow Control)
Recommended Concurrent Clients	1500

## Software Specifications

Basic Specifications	
Network Access Mode	PPPoE Client, DHCP Client, Static IP, All Support IPv4 & IPv6
Work Mode	Router Mode or AC Mode
VLAN	Support 128 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	1000 (APs/NBS Switches) +128 (ES Switches)
No. of Devices Managed in AC Mode	1000 (APs/NBS Switches) +128 (ES Switches)
Application Identifying ( L7 DPI )	Identify 300 + Applications, including Communication, Video, Shopping, Play, Databank, P2PSoftware and Payment

# Specifications

## Software Specifications

Model	RG-EG1510XS
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 Custom 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	900 Mbps
Only Enable L2TP VPN Overall Performance	1.4 Gbps
Only Enable PPTP VPN Overall Performance	1.7 Gbps
Only Enable OPENVPN Overall Performance	400 Mbps
IPsec VPN + L2TP/PPTP VPN + OpenVPN Overall Tunnels Number	1000
Routing	
Static Routing	Support, IPv4 & IPv6
RIP/RIPng	Support, IPv4 & IPv6

# Specifications

## Software Specifications

Model	RG-EG1510XS
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, 1000 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 forbidden
IP-MAC Binding	✓
MAC Address Filtering	MAC Address Allowlist & Blocklist
Session Number Limit	✓
ARP	Support, ARP Bind

# Specifications

## Software Specifications

Model	RG-EG1510XS
Attack Defense	Anti Flood Attack Anti Suspicious Packet Attack ICMP Packet Management Anti Session Attack
Security-Domain	✓
Security Log	✓
<b>Authentication</b>	
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
<b>AP Management (AC mode)</b>	
Configurate SSIDs	✓
Channel Settings	✓
STA Management	✓
Mesh Management	✓
Wireless Roaming Settings	✓
WIO	✓
<b>Device Management</b>	
Management Method	eWEB, Cloud, APP
Reboot Method	Reboot, Scheduled Reboot via eWEB/Cloud/APP
Default Access/Password	192.168.110.1 Default Password: admin

# Specifications

## Software Specifications

Model	RG-EG1510XS
Firmware Upgrade	Support, Online and Local Upgrade via eWEB, Upgrade via Cloud/APP
Configuration Backup	✓
Factory Reset	✓
eWEB Language	Chinese Traditional Chinese English Spanish French Indonesian Thailand Russia Turkish German Vietnamese Arabic

## Hardware Feature

CPU	4 Cores, 1.8 GHz
SDRAM/RAM	4 GB
Flash Memory	128 MB NAND FLASH + 8 GB EMMC
Storage	2.5" HDD bay Recommended hard drive model: Western Digital (WD) WD10SPZX. The use of non-recommended hard drives cannot guarantee the reliable operation of the system.
Power Consumption	≤ 20 W
Power Supplies	100V~240V AC, 50/60Hz
DC Port Dimensions	NA
Indicator	1×system LED indicator 1×SATA LED indicator
Buttons	1×Reset button
Dimensions(W×D×H)	440 mm x 210 mm x 43.6 mm (17.32 in. x 8.27 in. x 1.72 in. )
Weight	3 kg (packages not included)
Installation	Rack-mounted

## Specifications

### Hardware Feature

Model	RG-EG1510XS
Rack Dimensions	1U 19-inch Rack-mounted
Dissipation Mode	Air-cooled Heat Dissipation
Fan	Fansless
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	6kV
IP(Ingress Protection)	IP20

## Package Contents

Device	RG-EG1510XS
Foot Pad	4
Power Cord	1
Mounting Bracket	2
M4 x 8 mm Screw	8
TGM3-10 Screw	4
Power Cord Retention Clip	1
User Manual	1
Warranty Card	1
Grounding Cable	1
Package Weight	3.82kg
Package Dimension (w x d x h)	579 mm x 285 mm x 113 mm

**Ruijie | Rcycc**

 **Redefine your easy network**

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