

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	
 Boutique Hotels	 HQ with Multi-Branches	 Staff Accomodation
 Third-party Portal Authentication Integration	 IPSec, OpenVPN, L2TP,PPTP,etc	 Authentication and Authorization

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

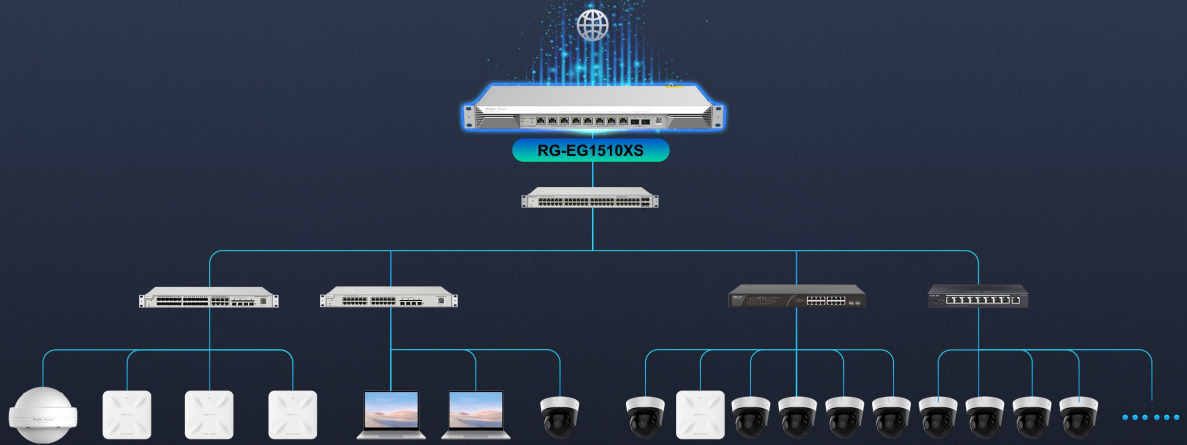
Scenarios	Concurrent Clients
	

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 & Flow Control


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



Low Speed loading




High Speed working




Easy VPN Configurations

Three steps to configure VPN easily and stably



VPN Account | VPN Online User



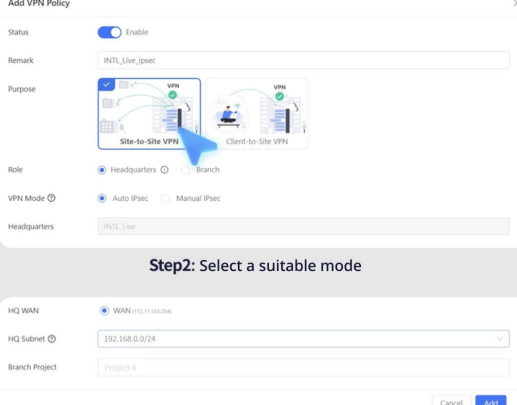
Site-to-Site VPN

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.

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

Cancel Add

Step3: Enter the IP Address of the corresponding server

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

Model	RG-EG1510XS
Basic	
Number of Fixed WAN Ports	1
Number of Fixed LAN Ports	1
Number of WAN Ports	9
Number of LAN Ports	9
WAN Port Rate	1x10/100/1000/2500 BASE-T Ports
LAN Port Rate	4x10/100/1000BASE-T Ports 3x10/100/1000/2500BASE-T Ports 2 x 10G/1G BASE-X SFP+ Ports
Number of LAN/WAN Ports	8
Number of 10/100/1000BASE-T Ports	4
Number of 10/100/1000/2500BASE-T Ports	4
Number of 100/1000/2.5G/5G/10GBASE-T Ethernet port	N/A
Number of 1 Gbps Optical Ports (SFP)	N/A
Number of 10 Gbps Optical Ports (SFP+)	2
Total Number of RJ45 Ports	8
Total Number of Optical Ports	2
Management Port	N/A
PoE	N/A
PoE Standard	N/A
Max. PoE Power Budget	N/A
Max. Number of PoE Ports	N/A
Max. Power Output per PoE Port	N/A
Dimensions (W x D x H)	440mm x 210mm x 43.6mm

Model	RG-EG1510XS
Net Weight	3Kg
Hardware specification	
Flash Memory	128 MB
SDRAM	4GB
CPU	1.8GHz*4
Mounting	1U Rack Mount
LEDs	System: SYS(Green) Per RJ45 Ports: LINK/ACT(Green)
Reset Buttons	Yes
DC Power Connector Size	N/A
Cooling	Natural cooling
Number of Fans	Fanless
Airflow	#N/A
Fan Status Monitoring	N/A
Operating Temperature	0~40℃
Storage Temperature	-40~70℃
Operating Humidity	10%~90%(non-condensing)
Storage Humidity	5%~95%(non-condensing)
IP Rating	N/A
Power Supply Surge Protection	Common Mode: ±6KV Differential mode: ±6KV
Port Surge Protection	Common Mode: ±4KV
Recommended Concurrent Clients	1500
Hard Disk Drive	Supports standard SATA 3.0 protocol 2.5-inch hard drive.
USB	N/A

Model	RG-EG1510XS
Max. Power Consumption	<20W
PoE	N/A
Max. PoE Power Budget	N/A
Max. Number of PoE Ports	N/A
Max. Power Output per PoE Port	N/A
PoE Power Pins	N/A
Power Supply	Rated voltage range: 100-240VAC Maximum voltage range: 90-264VAC Frequency: 50/60Hz Rated current: 1.5A
Internet Connection Type	PPPoE DHCP Static IP
Access Mode Auto Detection	Yes
Software Features	
PPPoE Username and Password Learning	Yes
Throughput	4000Mbps
PPPoE Client	Yes
PPPoE Server	Yes
Max. Number of PPPoE Accounts	1500
PPPoE Concurrent Connection Limit	1000
IP Address Routing based by ISP	No
WAN IP Conflict Avoidance	Yes
MAC Address Cloning	Yes
VLAN	Yes
Max. Number of VLANs	128
Port-based VLAN	Yes

Model	RG-EG1510XS
Super VLAN	No
VLAN Priority	Yes
Bandwidth Aggregation	Yes
default with Multi VLAN	No
In-Room Screen Sharing	No
Port Mapping	Yes
Number of Port Mapping Rule	512
NAT Loopback	Yes
Link Aggregation	No
LAN Link Aggregation	No
AC Mode	Yes
Behavior Management	Yes
Cloud Print	Yes
Application Identification	Yes
Application Priority	Yes
Application Cache	No
Application Control (Yes Time/IP-based Policy)	Yes
Traffic Audit	Yes
Anti Network Sharing(Modify TTL)	Yes
Network-wide Client Management	Yes
Network Supervision	No
Log Retention	Yes
Log Audit	Yes
Log Upload	Yes

Model	RG-EG1510XS
Log Server	Yes
Maintenance and Fault Diagnosis	Yes
Web Authentication	No
SMS Authentication	Yes
Password-based Authentication	Yes
Portal Authentication	Yes
802.1X	Yes
One-Click Authentication	Yes
Local Portal Authentication	Yes
Voucher Authentication on Ruijie Cloud	Yes
Local Mode of Authentication on Ruijie Cloud	Yes
Custom Portal	Yes
RADIUS Client	Yes
RADIUS Proxy	Yes
Support Authentication Via Radius	Yes
Support duration/traffic Accounting Via Radius	Yes
Support Flowctrl Authorization Via Radius	Yes
Support User Group Authorization Via Radius	Yes
Support duration/traffic quota Via Radius	Yes
Support PAP Authentication	Yes
Support CHAP/MS-CHAPV1/MS-CHAPV2 Authentication	Yes
Support MAC Authentication for Radius	Yes

Model	RG-EG1510XS
Third-Party API Integration	Yes
IPTV	Yes
L2TP VPN	Yes
PPTP VPN	Yes
IPsec VPN	Yes
OpenVPN	Yes
Number of Universal VPN Accounts for L2TP, PPTP, and OpenVPN	1500
IPSec VPN Performance (bi-direction, Typical Packets) IPV4	1200Mbps
L2TP VPN Performance (bi-direction, Typical Packets)	1400Mbps
PPTP VPN Performance (bi-direction, Typical Packets)	1700Mbps
OPENVPN Performance (bi-direction, Typical Packets)	400Mbps
Number of IPsec VPN Tunnels	1000
Number of OpenVPN Tunnels	1000
Number of L2TP VPN Tunnels	1000
Number of PPTP VPN Tunnels	1000
VPN HQ/Branch Interconnection	Yes
EasyVPN 1.0	No
Number of EasyVPN Tunnels	N/A
SSL VPN	N/A
Number of SSL VPN Tunnels	N/A
RIPng	Yes
RIP	Yes

Model	RG-EG1510XS
OSPFv2	Yes
OSPFv3	Yes
WAN Failover	Yes
Static Routing	Yes
Equal Cost Multi-Path Routing	N/A
Policy-Based Routing (PBR)	Yes
Interface Active/Standby Switchover	Yes
WAN Load Balancing	Yes
IP-based Load Balancing	Yes
Session-based Load Balancing	Yes
Real-Time Load-based Load Balancing	Yes
DHCP Server	Yes
DHCP Client	Yes
DHCP Snooping	N/A
DHCP Relay	N/A
DNS Client	Yes
DNS Server	Yes
DNS Proxy	Yes
NTP Client	Yes
Oray DDNS	N/A
DynDNS	Yes
No-IP DDNS	Yes
Ruijie DDNS	Yes
3322 DDNS	Yes
Aliyun DDNS	Yes

Model	RG-EG1510XS
Cloudflare	Yes
NAT	Yes
NAPT	Yes
UPnP	Yes
SNMP	Yes
ACL	Yes
Time-based ACL	Yes
IPv6 ACL	Yes
Block LAN/WAN Ping	Yes
IP-MAC Binding	Yes
MAC Address Filtering	Yes
Session Limit	Yes
Fraggle Attack Defense	Yes
Teardrop Attack Defense	Yes
Malformed Packet Attack Defense	Yes
Land Attack Defense	Yes
Smurf Attack Defense	Yes
SYN Flood Attack Defense	Yes
Security Zone	Yes
Security Logs	Yes
Upgrade via App	Yes
Reboot via App	Yes
Scheduled Reboot	Yes
HTTPS Login	Yes
Upgrade via eWeb	Yes

Model	RG-EG1510XS
Upgrade via Ruijie Cloud	Yes
Configuration Backup	Yes
Factory Reset	Yes
Language	Yes
Self-Organizing Network (SON)	Yes
Device Management	Yes
No. of Devices Managed in Router Mode	1000
No. of Devices Managed in AC Mode	1000
Wireless Intelligent Optimization (WIO)	Yes
Flow Control	Yes
NAT ALG	Yes
anyIP	N/A
Remote Check on App	Yes
ARP Table Size	4096
ARP Binding	Yes
Ping	Yes
Blocklist and Allowlist	Yes
WAN/LAN Conversion	Yes
Link Detection	Yes
Multi WAN with same subnet	Yes
Max. Number of Concurrent Connections	300000
SIP ALG	Yes
SD-WAN	Yes
Number of SD-WAN Tunnels	3000

Model	RG-EG1510XS
Number of branches supported by SD-WAN	1000
SD-WAN performance	1200Mbps
IPv6	Yes
App Management	Yes
Web Management	Yes
Ruijie Cloud Management	Yes
Stateful Firewall	Yes
Website filtering	Yes
Website Auditing	Yes
Package Contents	
Power Adapter	N/A
Mounting Brackets	Rack installation

Ruijie | Rcycc

 **Redefine your easy network**

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