

Model	RG-EG2100-P v2
<b>Hardware Specification</b>	
CPU	Multi-core MIPS
Fixed Ports	8 1000BASE-T ports (7x POE/POE+)
WAN Ports	Upto 2
Flash	4GB EMMC
Hard Disk	N/A
Memory	512M
<b>Performance &amp; Feature</b>	
Performance	1000Mbps (1518 bytes)
	450Mbps (512bytes)
	70Mbps (64 bytes)
Concurrent Session	100,000
Recommended Concurrent User	300
Portal Authentication Capacity	100 (Max Concurrent Users)
Portal Authentication Type	Username/Password Auth (Local, Windows-based AD/LDAP Integration) One-click Authentication; Guest Voucher (Ruijie Cloud required);
Seamless Authentication (Portal)	Support
App Caching	Support
Cache Capacity	750MB
Cache Resources	Android APK files (non-https server required)
Network Protocol	Support TCP/IP protocols, including IP, ICMP, TCP, UDP, etc. Support multiple routing protocols, including static routing, RIP (V1 / V2) and OSPF Support DHCP Relay and DHCP Server Support PPPoE Client Support NAT and multiple NAT ALG including FTP, H.323, DNS, etc. Support ARP, trusted ARP, proxy ARP, etc. Support Ping and Traceroute fault detection

Application Visibility	<p>Support self-developed 43 types of applications / more than 120 application features, customizable protocol identification:</p> <p>P2P: BitTorrent, eMule, Thunder, EDONKEY, FlashGet &amp; etc.</p> <p>Multimedia: YouTube, Facebook Video, WebEx Conference &amp; etc.</p> <p>Social Media: Facebook, Twitter, LinkedIn, Pinterest &amp; etc.</p> <p>VOIP/Chat: Skype, Viber, Google Hangout, Jabber, Facebook Messenger &amp; etc.</p> <p>Instant Messaging/Email: Gmail, MSN, QQ, YAHOO &amp; etc.</p> <p>Software Update: Window, McAfee, Kaspersky, ESET &amp; etc.</p> <p>Cloud-based File Collaboration: GoogleDrive, Dropbox, OneDrive, iCloud &amp; etc.</p> <p>Enterprise Application: HTTP, FTP, SMTP, POP3, IMAP, Telnet, LOTUS-NOTES, SQL Server, Oracle, Mysql, HTTPS &amp; etc.</p>
URL Filtering	<p>Support custom URLs</p> <p>Support remote HTTP automatic URL library upgrade</p> <p>Local log storage (NAT log, traffic log, URL log, etc.)</p> <p>Support storage on external log server</p>
WAN Load Balancing	Support (upto 2 WAN Port)
IPsec VPN Tunnel	16
Network Security	<p>Anti-ARP Spoofing</p> <p>Defense against malicious attacks from internal and external networks</p> <p>Support secure address binding</p> <p>Block WAN Ping</p> <p>Prevent Port Scan Attack</p> <p>Prevent Fragmentation Attack</p> <p>Prevent ICMP Flood Attack</p> <p>Prevent Teardrop Attack</p> <p>Prevent Ping of Death Attack</p> <p>Prevent Land Attack</p> <p>Prevent Smurf / Fraggle attack</p> <p>Prevent SYN Flood Attack</p>
Ruijie Cloud Integration Feature	<p>Support device health monitoring status</p> <p>Support centralized configuration change management &amp; backup</p> <p>Support Top 10 Application/User traffic visualization</p> <p>Support device firmware management</p> <p>Support event-based alarm notification</p>

Other Features	Integrate with AAA software to support multiple authentication modes
Other Features Service and Support	Support push advertising page
	Support multi-link load balancing
	Support remote HTTP online upgrade for signature library, software version, etc.
	Lifetime Free signature library upgrade
Rack Height	1U
Weight	2KG
Power Supply	100-240V~,50-60Hz,3A
PoE Budget	135W
Power Consumption	<150W
Dimensions (W x D x H) (mm)	200×200x43.6
Operating Temperature	0°C to 45°C
Operating Humidity	10% to 90%RH