

EVR100

THE LEADER IN LONG RANGE WIRELESS HOME NETWORKING

300Mbps Wireless N VPN Security Router with Gigabit Switches

Advanced Secured Wireless Broadband Connectivity

2.4GHz



EnGenius EVR100 Wireless N Security VPN Router is an 802.11n compliant high speed wireless router with gigabit switches. It supports up to 300Mbps in speed, and has 6 times greater coverage than 802.11g devices.

The EVR100 provides two types of virtual private network (VPN) tunnels, Internet Protocol Security (IPSec) and Layer 2 Tunneling Protocol (L2TP over IPSec) and supports up to 5 VPN tunnels. It features the business-class VPN encryption algorithms to seamlessly secure your network, while enjoying the benefits of high-speed surfing and sensitive data transmission from remote locations.

The EVR100 supports the advanced SPI Firewall, denial of service (DoS) attack blocking, MAC filtering, and URL filtering, further optimizing the security of your network connections. It applies WEP / WPA / WPA2 standard in network security to prevent unauthorized access.

The user friendly VPN Wizard simplifies the installation, and the web-based interface streamlines the configuration.

The EVR100 is ideal for small-office and home-office (SOHO) users.



Key Differentiators

HIGH PERFORMANCE 802.11N STANDARD

EVR100 applies 802.11n standard to support high speed wireless connections, providing superior coverage with backward compatibility to the 802.11b and g devices

GIGABIT SWITCH

The Gigabit switches allow wired computers, gaming consoles, VoIP phones, and home entertainment application devices to network together

WIRELESS ACCESS SECURITY

Provides wireless data encryption WEP/WPA/WPA2 to protect your data and networking activity

MULTIPLE SSID

Support up to four SSIDs, allowing you to secure your private local network while sharing a guest network with other users

INTELLIGENT QUALITY OF SERVICE (QoS)

Supports QoS to optimize multimedia streaming for gaming consoles, HD TV, and other home entertainment applications

ADVANCED SPI FIREWALL

The EVR100 also provides advanced SPI firewall, Denial of Service (DoS) attack blocking, MAC filtering, and URL filtering to secure high-speed network connections

IPSEC AND L2TP OVER IPSEC VPN TUNNELING

The EVR100 supports site-to-site and client-to-site IPsec and L2TP over IPsec VPN tunneling. It features business level VPN IPsec and L2TP encryption algorithms and authentication

IPSec:

Encryption: 3DES, AES128, AES192, and AES256

Authentication: MD5 and SHA1

VPN Pass-through: IPsec NAT Traversal

L2TP:

Authentication: CHAP, PAP, and Auto

VPN Connection Status:

Web-based management interface exhibits the VPN connection status with VPN tunnels, VPN type, transmit Packets, received packets, and uptime.



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Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range can vary depending on many factors including network conditions, environmental factors, distance between devices, radio interference in the operating environment, and mix of devices in the network

Technical Specifications Specifications may change without notice.

HARDWARE SPECIFICATION

Four Gigabit LAN Ports
One Gigabit WAN port
Push Button

Power Requirements 12V, 1A Power Adapter

RF SPECIFICATION

Frequency Band 2.4GHz
Standard IEEE802.11n, IEEE802.11g, and IEEE802.11b
Antenna *2 Two Detachable 2dBi Antennas

SOFTWARE FEATURES

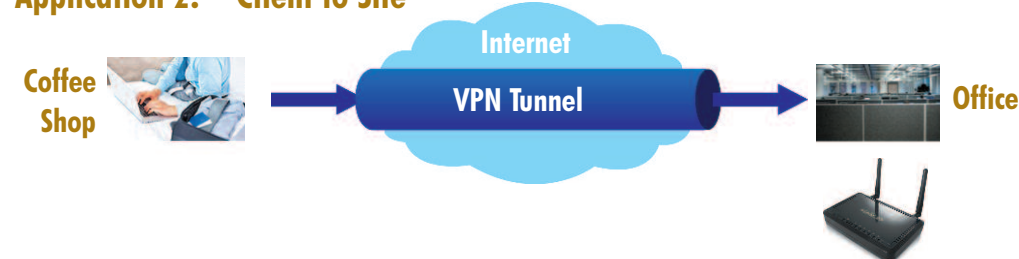
Operation Mode	AP Router mode / AP Repeater mode
Router	NAT / NAPT Static Router Dynamic Route Virtual Server Mapping IP Address Mapping Port Forwarding Port Triggering ALG (Application Layer Gateway) Time Zone DDNS
Security	WEP: 64 bit / 128 bit encryption for IEEE802.11b and 802.11g WPA/WPA2 with TKIP and AES
Advanced Firewall	Stateful Packet Inspection (SPI) Denial of Service (DoS) blocking MAC Filtering IP Address Filtering DMZ Host

VPN	IPSec and L2TP VPN types Support 5 VPN tunnels	
	IPSec VPN	Site-to-Site and Client-to-Site supportive 3DES, AES128, AES192, and AES256 encryption algorithm IPSec NAT transversal
	L2TP VPN	Client-to-Site supportive. Window native VPN clients, and iPhone and iPad native VPN clients
VPN Pass-through	PPTP L2TP	
QoS	WMM Application Base: Priority Queue and Bandwidth Allocation	
Management		
Install Wizard	Guides user to setup router smoothly	
VPN Wizard	Guides user to setup VPN tunnels with ease	
Package Contents	EVR100 Security VPN Router 12V/1A Power Adapter Smart Wizard CD VPN Configuration Guide Router Quick Install Guide Ethernet Cable 2 Detachable Antennae	

Application 1: Site to Site



Application 2: Client to Site



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DISTRIBUTING

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