

**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.

## Technical Specifications Specifications may change without notice.

### HARDWARE SPECIFICATION

Four Gigabit LAN Ports One Gigabit WAN port Push Button	
<b>Power Requirements</b>	12V, 1A Power Adapter

### RF SPECIFICATION

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

### SOFTWARE FEATURES

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

<b>VPN</b>	IPSec and L2TP VPN types Support 5 VPN tunnels			
	<table border="1"> <tr> <td>IPSec VPN</td> <td>Site-to-Site and Client-to-Site supportive 3DES, AES128, AES192, and AES256 encryption algorithm IPSec NAT transversal</td> </tr> <tr> <td>L2TP VPN</td> <td>Client-to-Site supportive. Window native VPN clients, and iPhone and iPad native VPN clients</td> </tr> </table>	IPSec VPN	Site-to-Site and Client-to-Site supportive 3DES, AES128, AES192, and AES256 encryption algorithm IPSec NAT transversal	L2TP VPN
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L2TP VPN	Client-to-Site supportive. Window native VPN clients, and iPhone and iPad native VPN clients			
<b>VPN Pass-through</b>	PPTP L2TP			
<b>QoS</b>	WMM Application Base: Priority Queue and Bandwidth Allocation			
<b>Management</b>				
<b>Install Wizard</b>	Guides user to setup router smoothly			
<b>VPN Wizard</b>	Guides user to setup VPN tunnels with ease			
<b>Package Contents</b>	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



### EnGenius Technologies

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