tp-link

Gigabit Broadband VPN Router

MODEL: TL-R600VPN

Highlights

- 1 Gigabit WAN port and 4 Gigabit LAN ports provide high-speed wired connectivity
- Supports IPsec/PPTP VPN protocols, up to 20 IPsec VPN tunnels and 16 PPTP VPN tunnels are simultaneously supported
- SPI Firewall and DoS defense protect your network from most known Internet attacks
- Professional 4KV lightning protection keeps your investments as safe as possible

Overview

TL-R600VPN, TP-Link's SafeStream Gigabit Broadband VPN Router, supports Gigabit Ethernet connections on both WAN and LAN ports which guarantee high-speed wired connectivity. What's more, it integrates multiple VPN protocols, high-security and highperformance VPN capabilities, which enable employees' remote connections to their main offices as secure as if they were in the main office. Besides, TL-R600VPN's abundant security strategies such as SPI Firewall, DoS Defense and IP-MAC Binding help protect your network against most known attacks. TL-R600VPN is an ideal partner for small offices, which need coste effctive and reliable VPN solutions.

High-security VPN Capabilities

TL-R600VPN supports IPsec and PPTP VPN protocols and can handle IPsec/PPTP/L2TP pass-through traffic as well. It also features a built-in hardware-based VPN engine allowing the router to support and manage up to 20 IPsec and 16 PPTP VPN connections. Advanced VPN features include: DES/3DES/AES128/AES192/AES256 encryption, MD5/SHA1 authentication, Manual/IKE key management, and Main/Aggressive negotiation modes.

Abundant Security Features

For defense against external threats, TL-R600VPN features SPI Firewall function. Additionally, it can automatically detect and block Denial of service (DoS) attacks such as TCP/UDP/ICMP Flooding, Ping of Death and other related threats. Moreover, this router provides IP/MAC/Domain name filtering functions, which forcefully prevent attacks from intruders and viruses. For applications such as FTP, TFTP, H.323 and RTSP which are not well compatible with NAT, TL-R600VPN offers administrators one-click enable of ALG choices corresponding to the above four mentioned applications.

Safety Minded Enterprise Investments

Professional lightning protection technology is designed to prevent electrical surges from penetrating the interior of the electrical equipment and is discharged harmlessly into the Earth. This router is designed to prevent lightning up to 4KV in well-grounded connection conditions. This feature ensures that networking infrastructure investments remain as safe as possible from one of mother nature's more violent situations.

Specifications

Hardware

Standards and Protocols	IEEE 802.3, 802.3u, 802.3ab TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DNS, IPsec, PPTP
Interface	1 Gigabit WAN port 4 Gigabit LAN ports
Network Media	10BASE-T: UTP category 3, 4, 5 cable (Max 100m) 100BASE-TX: UTP category 5, 5e cable (Max 100m) 1000BASE-T: UTP category 5, 5e cable (Max 100m)
Button	Reset
Power Supply	100~240VAC, 50/60Hz
Flash	8MB
DRAM	DDRII 64MB
LED	PWR, SYS, WLAN, LAN
Dimensions (W x D x H)	8.2 x 4.9 x 1.0 in. (209 x 126 x 26 mm)

Performance

Concurrent Session	10000
NAT Throughput	120Mbps
VPN Throughput	20Mbps

Basic Functions

WAN Connection Type	Dynamic IP, Static IP, PPPoE, PPTP, L2TP, Bigpond Cable
DHCP	DHCP Server/Client DHCP Address Reservation
MAC Clone	Modify WAN/LAN MAC Address

Advanced Functions

Forwarding	Virtual Server, Port Triggering, DMZ, UPnP
Security	SPI Firewall, VPN Pass Through, FTP/TFTP/H.323/RTSP ALG, DoS Defense, Ping of Death
Filtering	IP/MAC/Domain Name Filtering
Traffic Control	Bandwidth Control
Routing	Static Routing
ARP Inspection	IP/MAC Binding
Dynamic DNS	-

VPN (Virtual Private Network)

IPsec VPN	20 IPsec VPN Tunnels LAN-to-LAN IPsec VPN Main Aggressive Negotiation Mode DES, 3DES, AES128, AES192, AES256 Encryption Algorithm MD5, SHA1 Authentication Algorithm Manual, IKE Key Management Mode Dead Peer Detection (DPD) Perfect Forward Secrecy (PFS)
PPTP VPN	16 PPTP VPN Tunnels PPTP VPN Server PPTP with MPPE Encryption

Maintenance	
Time Setting	
Diagnostic	
Firmware Upgrade	
Factory Defaults/Reboot	
Backup/Restore	
System Log	
Remote Management	
Statistics	

Others	
Certification	CE, FCC, RoHS
Package Contents	TL-R600VPN, Power Cord, RJ-45 Ethernet Cable, Quick Installation Guide, Resource CD
System Requirements	Microsoft® Windows 8/7/Vista/XP/2000, MAC® OS, NetWare®, UNIX® or Linux
Environment	Operating Temperature: 0℃ to 40℃ (32℉ to 104℉) Storage Temperature: -40℃ to 70℃ (-40℉ to 158℉) Operating Humidity: 10% to 90% non-condensing Storage Humidity: 5% to 90% non-condensing

Ordering Information

Product Model	Description
TL-R600PVN	SafeStream Gigabit Broadband VPN Router

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