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TP-Link SafeStream TL-ER6120 5-Port Gigabit Dual-WAN VPN Router Black (V1.0)

No Image Available

The TL-ER6120 SafeStream Gigabit Dual-WAN VPN Router from TP-LINK possesses excellent data processing capabilities and multiple powerful functions including IPsec/PPTP/L2TP VPN, Load Balance, Access Control, IM/P2P Blocking, DoS Defense, Bandwidth Control, Session Limit, PPPoE Server and so on, which consumedly meet the needs of small and medium enterprises, hotels and communities with large volumes of users demanding an efficient and easy-to-manage network with high security. The TL-ER6120 supports multiple VPN protocols including IPsec, PPTP and L2TP in Client/Server mode and can handle pass-through traffic as well. It also features a built-in hardware-based VPN engine allowing the router to support and manage up to 100 LAN-to-LAN/Client-to-LAN IPsec VPN connections. Advanced VPN features include: DES/3DES/AES128/AES192/AES256 encryption, MD5/SHA1 authentication, Manual/IKE key management, and Main/Aggressive negotiation modes. For defense against external threats, TL-ER6120 features an automatic protection to detect and block Denial of service (DoS) attacks such as TCP/UDP/ICMP Flooding, TCP Scanning, Ping of Death and other related threats.

Moreover, this router offers a hardware DMZ port, which allows you to setup public servers without exposing your internal network, to avoid attacks from external threats. For better management of the internal network, TL-ER6120 allows administrators to set rules to block specific web sites and IM/P2P applications with just one-click, and restrict staff to use specific services such as FTP, HTTP and SMTP. The TL-ER6120 features two WAN ports, allowing the router to satisfy various Internet access requirements through one device. The Intelligent Load Balancing function can distribute data streams according to the bandwidth proportion of every WAN port to raise the utilization rate of multi-line broadband. With IP-based Bandwidth Control and Session Limit functions, network administrators can flexibly manage network bandwidth to optimize bandwidth usage. 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 the 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.

Barcode	6935364041137
LAN Ports	3 port(s) x RJ-45 10/100/1000Mbps
WAN Ports	2 port(s) x RJ-45 10/100/1000Mbps
Flash Memory	8MB
Memory (Maximum)	128MB DDR2
Dimensions	44.0cm (W) x 22.0cm (D) x 4.4cm (H)

Features

- * Up to 100 IPsec VPN Tunnels, 130Mbps IPsec VPN Throughput
- * IPsec, PPTP, L2TP, L2TP over IPsec
- * IPsec NAT Traversal (NAT-T)



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- * DES, 3DES, AES128, AES192, AES256 Encryption
- * MD5, SHA1 Authentication
- * Manual, IKE Key Management Mode
- * LAN-to-LAN, Client-to-LAN IPsec VPN
- * PPTP/L2TP VPN Server/Client
- * Hardware DMZ port
- * One-to-One NAT
- * FTP/H.323/SIP/IPsec/PPTP ALG
- * IM/P2P Application Blocking
- * URL/Keywords Filtering
- * Web Content Filtering (Java, ActiveX, Cookies)

Specification

General

The TL-ER6120 SafeStream Gigabit Dual-WAN VPN Router from TP-LINK possesses excellent data processing capabilities and multiple powerful functions including IPsec/PPTP/L2TP VPN, Load Balance, Access Control, IM/P2P Blocking, DoS Defense, Bandwidth Control, Session Limit, PPPoE Server and so on, which consumedly meet the needs of small and medium enterprises, hotels and communities with large volumes of users demanding an efficient and easy-to-manage network with high security. The TL-ER6120 supports multiple VPN protocols including IPsec, PPTP and L2TP in Client/Server mode and can handle pass-through traffic as well. It also features a built-in hardware-based VPN engine allowing the router to support and manage up to 100 LAN-to-LAN/Client-to-LAN IPsec VPN connections. Advanced VPN features include: DES/3DES/AES128/AES192/AES256 encryption, MD5/SHA1 authentication, Manual/IKE key management, and Main/Aggressive negotiation modes. For defense against external threats, TL-ER6120 features an automatic protection to detect and block Denial of service (DoS) attacks such as TCP/UDP/ICMP Flooding, TCP Scanning, Ping of Death and other related threats.

Information

Moreover, this router offers a hardware DMZ port, which allows you to setup public servers without exposing your internal network, to avoid attacks from external threats. For better management of the internal network, TL-ER6120 allows administrators to set rules to block specific web sites and IM/P2P applications with just one-click, and restrict staff to use specific services, such as FTP, HTTP and SMTP. The TL-ER6120 features two WAN ports, allowing the router to satisfy various Internet access requirements through one device. The Intelligent Load Balancing



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General

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WAN

WAN Protocols Dynamic IP, Static IP, PPPoE, PPTP, L2TP, Dual Access, BigPond

Performance

IP Packet Routing IPsec VPN Throughput (3DES): 130 Mbps Routing: Static Routing and Dynamic Routing (RIP v1/v2)

Throughput 350 Mbps

Security

Security ARP Inspection: Sending GARP Packets, ARP Scanning by WAN/LAN, IP-MAC Binding Application Control: IM, P2P, Web IM, Web SNS, Web Media, Protocol, Proxy Blocking Attack Defense: TCP/UDP/ICMP Flood Defense, Block TCP Scan (Stealth FIN/Xmas/Null), Block Ping from WAN DMZ Port: 1 Hardware DMZ Port

Firewall Filtering MAC Filtering URL/Keywords Filtering Web Content Filtering (Java, ActiveX, Cookies)

VPN Pass Through/Multi-Sessions PPTP L2TP IPsec

VPN IPsec VPN: 100 IPsec VPN Tunnels LAN-to-LAN, Client-to-LAN Main, Aggressive Negotiation Mode DES, 3DES, AES128, AES192, AES256 Encryption Algorithm MD5, SHA1 Authentication Algorithm Manual, IKE Key Management Mode IPsec NAT Traversal (NAT-T) Dead Peer Detection (DPD) Perfect Forward Secrecy (PFS); L2TP VPN: 32 L2TP VPN Tunnels L2TP VPN Server/Client L2TP over IPsec; PPTP VPN: 32 PPTP VPN Tunnels PPTP VPN Server/Client PPTP with MPPE Encryption

VPN Client Sessions 60,000

Ethernet

Protocols Supported TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DNS, IPsec, PPTP, L2TP

Ethernet Standards IEEE 802.3, IEEE802.3u, IEEE802.3ab



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Interfaces Ports

LAN Ports	3 port(s) x RJ-45 10/100/1000Mbps
WAN Ports	2 port(s) x RJ-45 10/100/1000Mbps
Console Port	1 x RJ-45

Memory

Flash Memory	8MB
Memory (Maximum)	128MB DDR2

Compliance

Safety	CE, FCC, RoHS
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System

Management	Maintenance: Web/CLI/Telnet Management Interface Remote Management Export & Import Configuration NTP Synchronize Syslog Support; Service: PPPoE Server E-Bulletin Dynamic DNS (Dyndns, No-IP, Peanuthull, Comexe)
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System Requirements

Operating Systems Supported	Microsoft Windows 98SE, NT, 2000, XP, Vista or Windows 7, MAC OS, NetWare, UNIX or Linux.
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Environmental

Environmental	Humidity 10 to 90% Operating Temperature 0 to 40C
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Electrical

Voltage/Power/Frequency	100 to 240VAC / 50 to 60Hz
Power Adaptor Type	Internal

Physical

LED Status Indicators	PWR, SYS, Link/Act, Speed, DMZ
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Case Colour

Black

In The Box

TL-ER6120 Resource CD Power Cord Ground Cable Rack-mount Kit
Installation Guide

Dimensions

44.0cm (W) x 22.0cm (D) x 4.4cm (H)



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About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?