ALLNET ALL-VPN10

VPN/Firewall WLAN-N WAN Router

- *1~2x100Mbps WAN + 3~4x100Mbps Switch LAN + 2xUSB port+2xWireless Antenna*
- *Dual WAN Ports for load balancing*
- *Up to 10 IPSec VPN tunnels, VPN Throughput 100Mbps*
- *Providing up to 5 PPTP VPN connections*
- *Guest Networks Access via WLAN*

Art.-Nr. 104312

Note: Product specification is subject to change without notice.

The Wireless QoS VPN Firewall Router ALL-VPN10 is an 802.11b/g/n compliant device that delivers up to 300Mbps. Connect the ALL-VPN10 to a cable or DSL modem and provide high-speed Internet access to multiple computers or mobile devices.

Equipped with two external antennas, this router provides superior wireless coverage for larger homes and offices, or for users running bandwidth-intensive applications. The ALL-VPN10 also includes a 2-Port WAN with load balance and redundancy to guarantee business essential data exchange.

This router's easy-to-use GUI management interface allows you to manage the whole network without the requirement of deep network knowledge. You can easily control the utilization of valuable network resources.

Highspeed & High Efficiency
- Supporting 12,000 sessions and being an 802.11b/g/n compliant device that delivers up to 300Mbps.
- Build-in 1~2 WAN ports, 3~4 LAN ports to help businesses build efficient network.

IPv6
- Its interoperability with IPv4 is a transition for IPv6 time's coming. The newest IPv6 tunneling and IPv4/IPv6 dual stack make users coming and going freely between IPv4 and IPv6.

USB Storage (Samba/FTP)
- The USB port allows the connection of a USB disk or hard drive for Samba/FTP file transfer through the Internet or local networks. The network administrator can set username/password and directory/file access privilege for individual users

Wireless Access Point
- In addition to WEP/WPA/WPA2 and MAC Address Control, the router also provides WPS. With Wi-Fi Protected Setup (WPS), the wireless network name (SSID) and encryption keys are automatically generated and broadcast to the client devices.
- The router supports the Wi-Fi Alliance's standard for WDS. It allows a wireless network to be expanded using multiple access points without the traditional requirement for a wired backbone to link them.

L7 VIP Priority Channel + WMM
- With Wi-Fi Multimedia (WMM) and our intelligent L7 VIP priority channel, jitter-free Internet phone calls (VoIP), high-definition video streaming and Web gaming are prioritized achievable on your wired and wireless networks.

Guest Networks Access
- ALL-VPN10 offers secure, easy to manage guest access out-of-the-box – without complex VLAN configurations. ALL-VPN10 built-in firewall and DHCP server provide a complete guest Wi-Fi solution, enabling secure, Internet-only access that protects your LAN and other clients from virus or information leaks.

L7 Management-Blocking
- ALL-VPN10 L7 Management can recognize these applications on the same port and block the applications. Administrators can list the blocking applications to restrict the services.

L7 QoS
- It spends administrators a lot of time on checking which misuses too much bandwidth and causes disconnection. ALL-VPN10 L7 QoS can recognize applications even using the same port, thus guarantee/restrict its normal ongoing.

Multi-WAN Ports

- Realizing Bandwidth Averaging with 2 WAN ports and reserving the possibility of bandwidth expansion in the future.
- Supporting 3 Balance modes: Session-based, IP-based, and Strategy Routing to optimize bandwidth usage. Strategy Routing specially solves cross-net bottleneck problem for different ISPs access.
- Featured auto line back-up: switch all the sessions from dropped line automatically to another to keep an always on-line network.

IPSec VPN

- Providing up to 10 IPSec VPN connections.
- Providing comprehensive IPSec VPN with DES/3DES/AES encryptions, MD5/SHA1 identifications and automatically/manually IKE Pre-Share Key exchanges.
- Supporting IPSec VPN in Gateway to Gateway or Client to Gateway.
- Supporting NATT to translate IPSec ESP packets into UDP packets to pass through SOHO routers using in most of small offices.
- Passing VPNC's authentication and collocating with other VPN devices.
- Possessing VPN Heartbeat to maintain a more stable VPN connection and being compatible for VPN tunnels among different VPN devices.

PPTP VPN

- Providing up to 5 PPTP VPN connections.
- Displaying status of PPTP VPN connections.
- Allowing using Windows embedded PPTP client to dial to router.

QoS Bandwidth Management

- Allocating bandwidth according to different time periods to fit into diverse network environments.
- Prioritizing different person/group or applications in bandwidth using for a better reasonable management.

Easy-to-Use System Management

- Helping administrators to record the change/abnormal of the whole network' status and take actions according to the log information.
- Supporting remote management by web browser with user name and password to realize router management from remote places.
- Characterized easy to setup with clear configuration steps and plain GUI. Administrators can adjust the configurations quickly and simply.

Item	Specification
Hardware:	MTK RT6856-700MHz; 16MB Flash; 128MB DRAM
Network Interface:	1~2x WAN Port 3~4x LAN 10/100 Mbps RJ45 ports 2x USB Ports 2x Wireless Antenna , 2.4GHz
Performance:	12.000 sessions 200Mbps NAT Throughput 100Mbps VPN Throughput WLAN Data rate (802.11b/g/n) up to 300Mbps
WAN Connection:	DHCP & Fixed IP Assignment / ADSL PPPoE DHCP IP Assignment Fixed IP Assignment ADSL PPPoE / VDSL Transparent Bridge NAT Plus Router Mode
Multi-WAN Traffic Control:	Line Backup Network Detection (Session/ IP) Load Balance Session-based Load Balance IP-based Load Balance Strategic Routing IPv6
Wireless Function:	WPS Encryption: 64/128-bit WEP, WPA2/WPA, WPA2/WPA-Enterprise, RADIUS Guest Networks Access Wireless MAC Filter WDS WMM 4 SSID
DHCP Server:	1 Class C assignable IP; IP & MAC Binding; MAC Address Control
QoS Bandwidth Management:	Smart QoS; Bandwidth Management; Session Control by IP
L7 Management:	L7 Management – Blocking; VIP Priority Channel; L7 QoS
NAT:	One-to-One NAT/DMZ/Virtual Server; UPnP Support; Static Routing
Firewall:	SPI/DoS Detect; Attack Logging; Access Control; URL/Keyword Filter
DDNS:	DynDNS ; NO-IP
Port Management:	Configurable Port; Status Display
Group Management:	Local IP Group; Destination IP Group; Service Port Group

Item	Specification
VPN Features:	up to 10 IPSec VPN Tunnel MD5/SHA1 Authentication DES/3DES/AES Funktionen up to 5 PPTP VPN Clients am Server IKE Key Management VPN Pass-through VPN Backup VPN Hub NAT Traversal (NATT) QVM SmartLink VPN Client
System Administration:	setup wizard Firmware Upgradeable Web-based Management SNMP v.1 & v.2 SNMP Trap Configuration Backup/Recovery Diagnostic Tool NTP Synchronize
System Monitoring:	System/Firewall Logging Email Alarm Traffic Status
Dimension:	Height/Width/Depth: 130x192x40mm Weight: 425 Gramm (only device)
Environmet:	**Temperature operarting: 0 ~ 40 °C** **Humidity operating: 30% ~ 90% (non-condensing)** **Temperature storage: -25 ~ 70 °C** **Humidity storage: 30% ~ 90% (non-condensing)**
Mark:	CE
Package content:	1x ALL-VPN10 VPN Router 1x Network cable 1x Quick Installation Guide1x external power supply 2x antennas