

Gigabit Multi-Homing VPN Security Router



As Internet becomes essential for business, the crucial solution to prevent your Internet connection from failure is to have more than one connection. PLANET MH-3400 is a Gigabit Multi-Homing VPN Security Router ideal to help the SMBs increase the broadband network performance and reduce the risks of potential shutdown if one of the Internet connections fails. The MH-3400 can monitor each WAN link status and automatically activate backup links when a failure is detected. The detection is based on the configurable target Internet addresses.

Improve Network Efficiency with Load-Balancing

Moreover, the MH-3400 allows you to perform load-balancing by distributing the traffic through three or four WAN connections. In Outbound Load Balancing, the network sessions are assigned based on the user configurable load balancing mode, including "Auto Load Balance", "Unbinding WAN Balance" and "Strategy Routing". Users can also configure which IP or TCP/UDP type of traffic use which WAN port to connect. The Inbound Load Balancing is for enterprise's internal server. The Inbound Load Balancing can reduce the server loading and the risks of system crash so that the MH-3400 helps to improve the server working efficiency.

Strong Protection for Network Security

In addition to a multi-homing device, the MH-3400 provides a complete security solution in one single box. The policy-based firewall, content filtering functions and VPN connectivity with 3DES and AES encryption make it a perfect product for your network security. No more complicated connections and settings for integrating different security products on the network are required.

QoS Bandwidth Management

Besides offering easy yet powerful bandwidth management functions, the MH-3400 features Smart QoS with dynamic bandwidth management to automatically control P2P, video downloading and other bandwidth hogging in order to avoid bandwidth insufficient. It also helps the network administrators better allocate network resources based on business priorities, as well as to shape and control bandwidth usage by prioritizing different persons/groups or applications in bandwidth use.

Easy Remote Management

The MH-3400 provides embedded Mirror Port to connect with monitoring devices for online behavior monitoring. It also supports secure remote management via web browser with protection of user authentication.

KEY FEATURES

PHYSICAL PORT

- 1~2 x 10/100/1000 Base-T RJ-45, configurable with LAN 1 (Mirror Port)
- 3~4 x 10/100/1000 Base-T RJ-45, configurable with WAN 4 (WAN 4 / LAN2 / DMZ)
- 1 x USB 2.0 Host for 3G/3.5G Internet Access

MULTI-WAN FUNCTION

- Inbound / Outbound Load Balance: by session and by IP
- Bandwidth expansion with 3~4 Gigabit WAN ports
- Multi-WAN auto line backup

IP ROUTING FEATURE

- Dynamic Route RIP v1/v2
- Static Route
- Strategic Route

BANDWIDTH MANAGEMENT

- Priority QoS
- Session Limit
- Port-Based QoS
- QoS Schedule

FIREWALL SECURITY

- Stateful Packet Inspection(SPI) Firewall
- Denial of Service (DoS) prevention
- IP & Port filtering
- Block Website by Keyword, Content Filter
- Firewall detection: Ping of Death, SYN Flooding, Land attack, IP Spoofing
- Support DMZ to protect your network: DMZ Host
- Prevent ARP Attack on LAN

VPN FEATURE

- Configure Concurrent Tunnels: 200 IPSec + 60 PPTP or other combinations within the memory's limitation
- Up to 2 Group VPNs support
- IPSec, PPTP Pass through
- Supports IPSec

NETWORKING

- DHCP Server (supports class C), client, dynamic IP, static IP, IP Grouping support
- Multiple DHCP Servers support multiple Subnet (supports 4 sets of Class C)
- PPPoE / Static IP / DHCP Client
- Protocol: TCP/IP, ARP, ICMP, FTP/TFTP, IPv4
- NAT with popular ALG support
- Port forwarding (Virtual Server)
- DNS Relay
- DDNS: supports DynDNS, 3322
- Password protected configuration or management sessions for web access
- Port Management – Speed / Duplex / Auto Negotiation / VLAN
- Transparent Bridge

3G USB SUPPORT

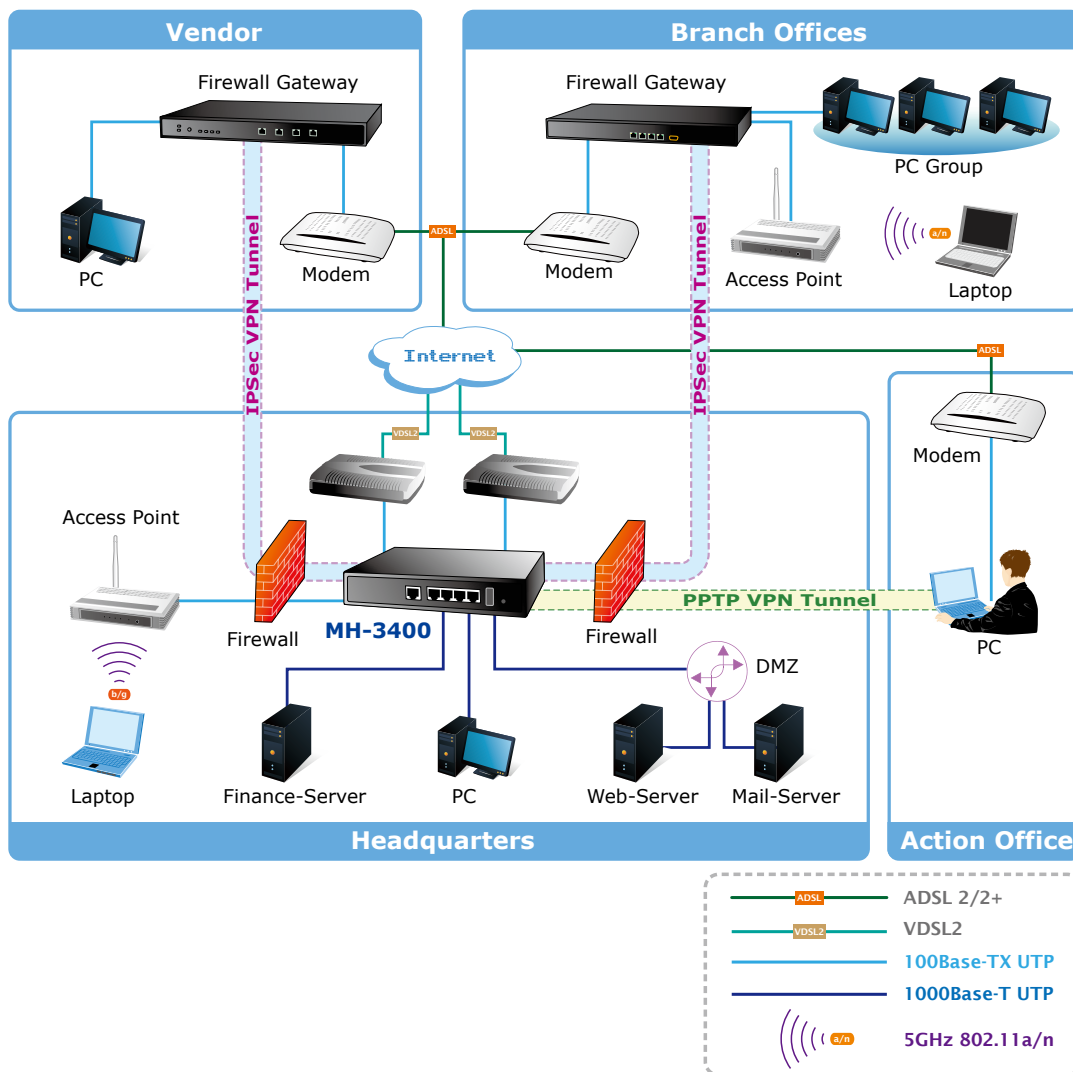
- 3G/3.5G Internet Access
- Automatic fail-over and Load balancing between 3G and WAN
- Auto / manual throughput and time calculation mechanism for cost or dial-on
- Throughput measurement
- APN and PIN code support

NETWORK MANAGEMENT

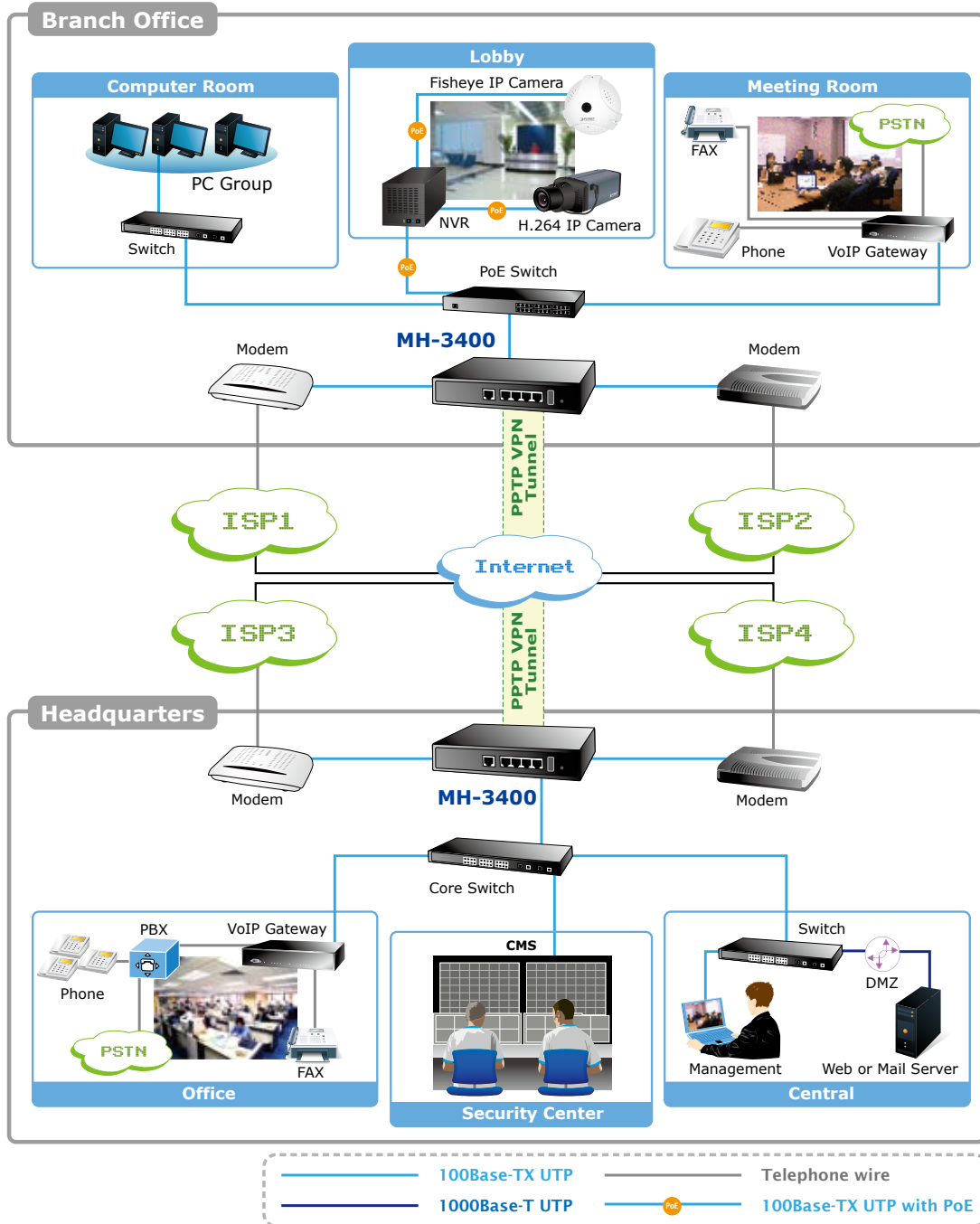
- Comprehensive web based management and policy setting
- SNMP v1/v2c
- Monitoring, Logging, and Alarms of system activities
- Firmware upgrade through Web browser

APPLICATIONS

PLANET Multi-Homing VPN Security Router, MH-3400 has the powerful firewall functions like SPI Firewall DoS prevention. Providing IPSec and PPTP VPN solutions MH-3400 provides the secured data communication for Branches, cooperate Venders, and/or mobile workers a flexible way to connect back to the headquarter.



The MH-3400 can connect the multiple WANs by different ISPs. It can create a stable and qualified VPN connection for many important applications such as VoIP, Video Conference and data transmission.



SPECIFICATION

Product	Gigabit Multi-Homing VPN Security Router	
Model	MH-3400	
Hardware		
Ethernet	LAN	1~2 x 10/100/1000 Mbps RJ-45, configurable with LAN 1 (Mirror Port)
	WAN	3~4 x 10/100/1000 Mbps RJ-45, configurable with WAN 4 (WAN 4 / LAN2 / DMZ)
	DMZ	1 x 10/100/1000 Mbps RJ-45
Button	Reset	1 x Reset button for reset to factory default setting
	Power	1 x Power on/off switch
USB	1 x USB 2.0 Host	
Operating Environment	Temperature:	0 ~ 50 Degree C
	Relative Humidity:	10~85% (non-condensing)
Dimension (W x D x H)	240 x160 x 44 mm	
Power	100~240 VAC, 50~60 Hz, max 0.5A	
Regulatory	FCC Class B, CE	
Software		
Multi-WAN Function	Inbound / Outbound Load Balance: by session and by IP	
	Protocol Binding Network Service Detection	
Routing	Dynamic Route RIP v1/v2	
	Static Route	
	Strategic Route	
System Performance	Concurrent session: 50000	
	Firewall performance: 1Gbps	
	Corporation Size: SMB (clients 200~250)	
	3DES performance: 154Mbps	
Bandwidth Management	Session Limit	
	Priority QoS	
	Port-Based QoS	
	QoS Schedule	
Firewall Security	NAT	
	One-to-One NAT	
	Multiple-to-One NAT	
	Stateful Packet Inspection (SPI) Firewall	
	Denial of Service (DoS) prevention	
	IP & Port filtering	
	Block Website by Keyword, Content Filter	
	Firewall detection: Ping of Death, SYN Flooding, Land attack, IP Spoofing	
	Email Alert for Hacker Attack	
	IP&MAC Binding	
	Supports DMZ to protect your network: DMZ Host	
	Prevents ARP Attack on LAN	
Networking	Configurable DMZ	
	DHCP Server (supports class C), client, dynamic IP, static IP, IP Grouping support	
	Multiple DHCP Server (supports 4 sets of Class C)	
	PPPoE / Static IP / DHCP Client	
	LAN MAC Clone	
	Multiple Subnet	
	Protocol: TCP /IP, ARP, ICMP, FTP/TFTP, IPv4	
	NAT with popular ALG support	
	Port forwarding (Virtual Server)	
	DNS Relay	
	DDNS: support DynDNS, 3322	
	Password protected configuration or management sessions for web access	
USB Feature	3G/3.5G Internet Access	
	3G as WAN interface	
	Automatic failover between 3G and WAN	
	Load balancing between 3G and WAN	
	Auto / manual throughput and time calculation mechanism for cost or dial-on demand (Cellular cost Control)	
	Signal strength display on front panel	
	Throughput measurement	
	APN and PIN code support	

Network Management		Comprehensive web based management and policy setting SNMP v1/v2c Monitoring, Logging, and Alarms of system activities Firmware upgrade through Web browser
VPN Support	VPN tunnel	200 IPSec VPN Tunnels / 60 PPTP VPN Tunnels
	IPSec VPN	IPSec H/W acceleration Up to 2 Groups of VPN support Friendly VPN Tunnel Management IKE: Pre-Shared keys IPSec Encryption DES / 3DES / AES128 / AES192 / AES256 IPSec Authentication MD5 / SHA1 PMTU NAT Traversal Connect on Demand DPD detection VPN Hub IP by DNS Resolved View Log IPSec, PPTP Pass through

ORDERING INFORMATION

MH-3400	Gigabit Multi-Homing VPN Security Router
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RELATED PRODUCTS

VRT-402N	802.11n Wireless VPN/Firewall Router
VRT-420N	802.11n Multi-Homing Broadband Router
SG-1000	VPN Security Gateway
CS-1000	Multi-Homing Content Security Gateway
CS-2001	UTM Content Security Gateway