Multi-Homing Security Gateway

PLANET's Multi-Homing Security Gateway, the MH-1000 integrates with cutting-edge technology including Load Balancing, VPN and Firewall functions for central sites to establish office network and connect with branch offices as well as remote dial up and tel-workers. It is designed for business requiring application-based network solution at low-capital investment and perfectly catering to the needs for small and medium sized business.

Built-in multiple WAN interfaces prevent your Internet connection from failure, and also reduce the risks of potential shutdown. Moreover, it allows you to apply load-balancing by distributing the traffic through two WAN connections.

In addition, to be a multi-homing device, PLANET's Multi-Homing Security Gateway provides a complete security solution in only a box. The policy-based firewall, content filtering function and VPN connectivity with 3DES and AES encryption functions are the reasons of this perfect product for your network security. Bandwidth management function is also supported to offer network administrators an easy yet powerful means to allocate network resources based on business priorities, and to shape and control bandwidth usage.

KEY FEATURE

- **WAN Fail-over**

Auto fail-over feature can be configured for a second connection to ensure redundant connectivity when the primary line fails.

- **Load Balancing**

The MH-1000 provides the ability to balance the workload by distributing incoming traffic across the two connections.

- **DNS Inbound Load Balance**

The MH-1000 can be configured to reply the WAN2 IP address for the DNS domain name request if WAN1 fails.

- **VPN Connectivity**

The security gateway support PPTP and IPSec VPN. With DES, 3DES and AES encryption and SHA-1 / MD5 authentication, the network traffic over public Internet is secured.

- **PPTP Server**

The MH-1000 also provides PPTP server feature, the remote user can connect to MH-1000 PPTP server without too many complex setting and to access the LAN resource.

- **Content Filtering**

The security gateway can block network connection based on URLs, Scripts (The Pop-up, Java Applet, cookies and Active X).

- **SPI Firewall**

Built-in Stateful Packet Inspection (SPI) can determine if a data packet is allowed through the firewall to the private LAN.

- **Denial of Service (DoS)**

The MH-1000 protects against hackers attack by DoS, it can allow private LAN securely connected to the Internet.

- **Quality of Service (QoS)**

Network packets can be classified based on IP address and TCP/UDP port number and give guarantee and maximum bandwidth with three levels of priority.

- **Dynamic Domain Name Service (DDNS)**

The Dynamic DNS service allows users to alias a dynamic IP address to a static hostname.
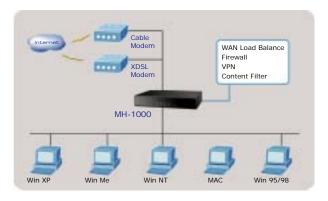
SPECIFICATION

Product	Multi-Homing Security Gateway
Model	MH-1000
Hardware	
Ethernet LAN	8 x 10/100 Based-TX RJ-45
WAN	2 x 10/100 Based-TX RJ-45
Power	12V DC, 1A
Operating Environment	Temperature: 0 ~ 40 Degree C
	Relative Humidity: 20% ~ 95%
Dimension	250 x 166 x 33.8 mm
Regulatory	FCC, CE Mark
Performance	
Firewall Throughput	90Mbps
IPSec VPN Throughput	30Mbps
PPTP VPN Throughput	10Mbps
Max. Concurrent Sessions	10,000
Software	
Management	Web
Network Protocol and features	Static IP, PPPoE, PPTP, Big Pond and DHCP client connection to ISP
	NAT, Static Route, RIP-2
	Dynamic Domain Name System (DDNS)
	Virtual Server and DMZ
	DHCP server
	NTP
Load Balancing	Increased bandwidth of outbound and inbound traffic
	DNS inbound load balance
Firewall	Stateful Packet Inspection (SPI) and Denial of Service (DoS) prevention
	Packet Filter (by IP, port number and packet type)
	E-mail alert and logs of attack
	MAC Address Filtering
Content Filtering	URL Filtering
	Java Applet, Active X/Web Proxy, Surfing of IP Address, Cookie Blocking
VPN Tunnels	IPSec: 100
	PPTP: 4
VPN Functions	PPTP, IPSec VPN support
	DES, 3DES and AES encrypting
	SHA-1 / MD5 authentication algorithm
	Remote access VPN (Client-to-Site) and Site to Site VPN
	IPSec, PPTP, L2TP pass through
QoS	Support DiffServ approach
	Prioritization and bandwidth managed by IP, Port number and MAC address
Log and Alert	Syslog support
	E-mail Alert

APPLICATIONS

Small and medium enterprises, branch offices

The MH-1000 is highly integrated devices including most connectivity and security features for meeting a small or medium enterprise needs. It doesn't require to change the existing network infrastructure, but provides a cost-effective WAN backup while using inexpensive, high-speed broadband. Increasing traffic loading is easily solved by balancing over two WAN connections. Network bandwidth can be easily increased by adding another ISP connection.

ORDERING INFORMATION

MH-1000	Multi-Homing Security Gateway (2 x WAN, 8 x LAN, 100 VPN tunnels)