

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)**

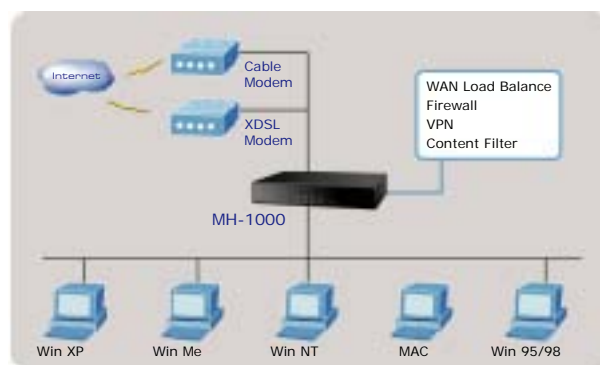
The Dynamic DNS service allows users to alias a dynamic IP address to a static hostname.

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 (DNS) 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)

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