Gigabit Multi-Homing VPN Security Router

MH-3400

Quick Installation Guide

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1. Package Contents

Thank you for purchasing PLANET Gigabit Multi-Homing VPN Security Router, MH-3400, and this Quick Installation Guide will introduce how to finish the basic setting to connect the internet. Open the box of the VPN Security Router and carefully unpack it. The box should contain the following items:

- MH-3400 x 1
- Quick Installation Guide x 1
- User's Manual CD x 1
- Power cord x 1
- Cat5 Cable x 1

If any of above items are damaged or missing, please contact your dealer immediately.

2. Hardware Installation

The followings are instructions for setting up PLANET MH-3400. Refer to the illustration and follow the simple steps below to quickly install your VPN Security Router.

2.1 Safety Instruction

The following is the safety instructions for VPN Security Router before installing.

■ The maximum operating temperature of the router is 50ºC. Care must be taken to allow sufficient air circulation.

■ The connections and equipment that supply power to the router should be capable of operating safely with the maximum power requirements of the router. In the event of a power overload, the supply circuits and supply wiring should not become hazardous.

■ The AC power cord must plug into the right supply voltage. Make sure that the supplied AC voltage is correct and stable. If the input AC voltage is over 10% lower than the standard may cause the router to malfunction.

■ Generally, when installed after the final configuration, the product must comply with the applicable safety standards and regulatory requirements of the country in which it is installed. If necessary, consult for technical support.

2.2 Front panel

Figure 2-1 Front Panel of the MH-3400

■ Power Indicator: Lights up when the power is on.

■ DIAG Indicator: Glitters when system is on self-test after power on the device.

■ USB Indicator: Lights up when USB is connected and the device is supported.

- Ethernet Port can be set as a:
  - **LAN Port:** The Security Router supports 1 LAN port by default.
  - **WAN Port:** The Security Router supports default 4 WAN ports. The second WAN port can be configured to LAN or DMZ.
  - **DMZ Port:** The router supports 1 DMZ port configured with LAN2/WAN4, the default is set as WAN4.

2.3 LED & Button definition

LED	Color	Status	Description
PWR	Green	Steady	Power On
	Off	Off	Power Off
DIAG	Amber	Steady on	System is crashed.
		Blinking	System is on self-test after power on the device.
		Off	System is ready.
WAN / DMZ Link /Act	Green	Steady on	Port has been connected & Get IP
		Blinking	Transmit data.
		Off	Not get the IP address, even the port has been connected.
LAN: Link / Act	Green	Steady on	LAN port has been connected.
		Blinking	Transmit data.
LAN / WAN / DMZ Speed	Green	Steady on	Works on 1000Mbps
	Amber	Steady on	Works on 100Mbps
	Off	Off	Works on 10Mbps
USB: Link / Connect / Act	Green	Steady on	USB is connected and the device is supported.
		Blinking	Packets are transmitting through USB port
	Off	Off	Not connect with any USB device

Button	Action	Description
Reset	Press for 5 Secs	Warm Start DIAG indicator: Amber LED flashing slowly.
	Press Over 10 Secs	Factory Default DIAG indicator: Amber LED flashing quickly.

2.4 Placement

Make sure the device is placed in a safe environment to avoid equipment failure.

- DO NOT place anything on top of the device. Excessive weight could damage it.
- DO NOT obstruct ventilation slots on each side of the router or expose it to direct sunlight or other heat source. Be sure that there is adequate air flow around the router.
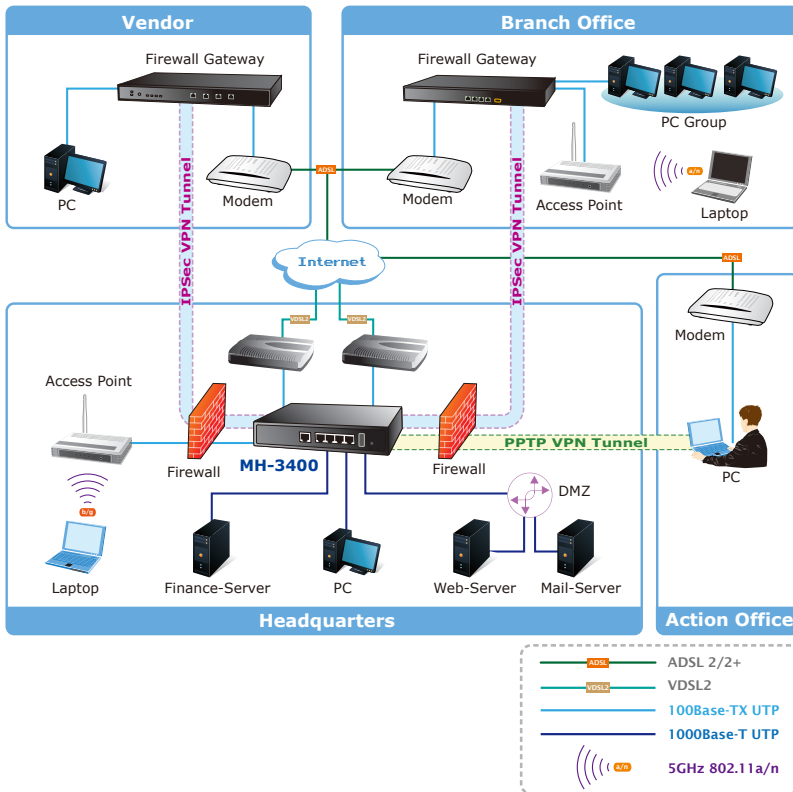- Place the router on a flat surface to avoid any damage.

2.5 Network Connection

Figure 2-2. Topology of the MH-3400

3. Basic System Configuration

3.1 Web Login

Step 1. Connect a computer to a LAN port on the router. Your PC (DHCP client mode) will obtain an IP address automatically. (It is usually in the 192.168.1.x range.)

Step 2. Start a web browser. To use the user interface, you need a PC with Internet Explorer (version 6 and higher), Firefox, or Safari (for Mac).

Step 3. Enter the default IP address of the router: **192.168.1.1** into the URL address box.

Step 4. Enter the default user name **admin** and the default password **admin**. Then click **Login** to enter Web-based user interface.
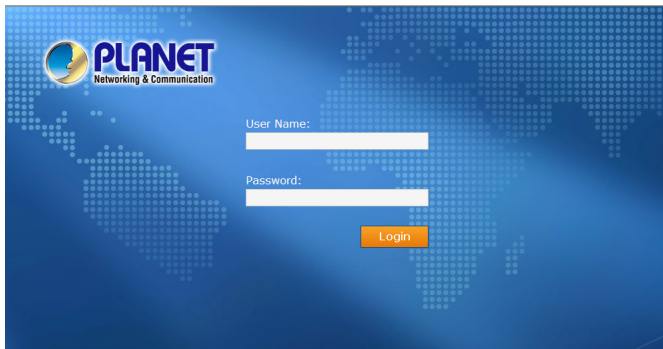
Figure 3-1. Login page of the MH-3400

Default LAN IP: **192.168.1.1**

Default Name: **admin**

Default Password: **admin**

3.2 Configuring the WAN

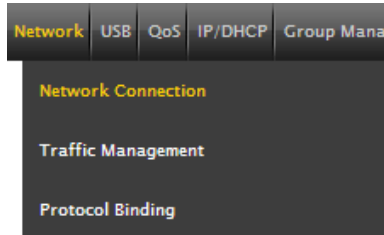**Step 1.** Go to **Network ➜ Network** Connection to find **WAN Setting.**

Figure 3-2. Network connection button

Figure 3-3. Multi-WAN interface setting page

Step 2. Click **Edit** to enter WAN configuration page.

Figure 3-4. WAN configuration page

There are five types of WAN connection. They are **Obtain an IP automatically**, **Static IP, PPPoE** (Point-to-Point Protocol over Ethernet), **PPTP** (Point-to-Point Tunneling Protocol) or **Transparent Bridge**. Users can choose according to their actual network structure. You can find detail setting process in the user manual.

Figure 3-5. WAN connection type selection item

3.3 Remote Management

The function can enable users to manage the security router at remote sites and to allow technical person to assist you in solving network problem.
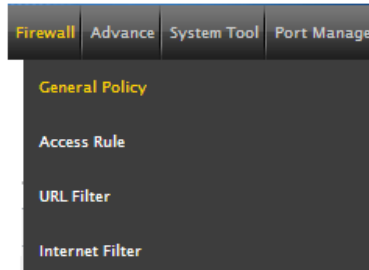
Step 1. Go to **Firewall ➔ General Policy**.

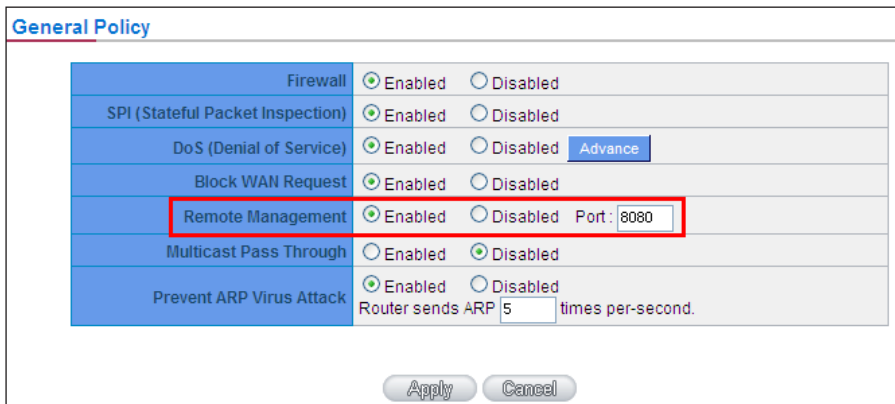**Figure 3-6.** The firewall setting button

Figure 3-7. General Policy setting page

Step 2. Click **Enable** to active Remote Management. And then enter the control port you want to use. The default value is **8080**.

Step 3. Click **Apply** to save the configuration. And you can type the **http://WAN IP address:8080** to access the router from the remote side.

Step 4. To verify the IP addresses of your computer and the security router. Click **Start** form Windows ➔ **Run**. Enter **cmd** to commend DOS, and enter **ipconfig** for getting default gateway address. In the below case, the default gateway is 192.168.1.1 and the user's PC is 192.168.1.100.

```
Ethernet adapter Local Area Connection:

        Connection-specific DNS Suffix  . : smb.com
        IP Address. . . . . . . . . . . : 192.168.1.100
        Subnet Mask . . . . . . . . . . : 255.255.255.0
        IP Address. . . . . . . . . . . : fe80::222:19ff:fe06:b981%9
        Default Gateway . . . . . . . . : 192.168.1.1
```

Figure 3-8. Check the IP address for the PC and router

Note	If the default gateway is **0.0.0.0** or **169.x.x.x**, it means the router doesn't obtain an IP address correctly. Please check your adapter installation, security setting and the network connection first.

4. Further configuration

Thank you for purchase PLANET products. The above steps introduce simple configuration for MH-3400. For further configuration, please refer to the user's manual on the CD. If you have other questions, please contact the **local dealer** or **distributor** where you purchased this product.

You also can browse our online FAQ resource at the PLANET Web site first to check if it could solve you issue. If you need more support information, please contact PLANET switch support team.

PLANET online FAQ :
http://www.planet.com.tw/en/support/faq.php?type=1

Broadband support team mail address :
support@planet.com.tw