

Enterprise Dual 10G VPN Security Router Series

XVR-800 series

Quick Installation Guide

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1. Package Contents

Thank you for purchasing PLANET Enterprise Dual 10G VPN Security Router. The descriptions of this series are shown below:

XVR-800	Enterprise Dual 10G VPN Security Router with 4-Port 10/100/1000T
XVR-800BE	Enterprise Wi-Fi 7 5100BE + Dual 10G VPN Security Router with 4-Port 10/100/1000T
XVR-800BE-NR	Enterprise 5G NR Cellular + Wi-Fi 7 5100BE + Dual 10G VPN Security Router with 4-Port 10/100/1000T

“Router” mentioned in this Quick Installation Guide refers to the above models.

Open the box of the Router and carefully unpack it. The box should contain the following items:

Packaged Item	Model Name		
	XVR-800	XVR-800BE	XVR-800BE-NR
The Router	■	■	■
QR Code Sheet	■	■	■
CloudNMS Quick Guide	■	■	■
Two Rack-mounting Brackets with Attachment Screws	■	■	■
Power Cord	■	■	■
SFP Dust Caps	1	1	1
Wireless Antennas		3	3
5G NR Antennas		-	4

If any item is found missing or damaged, please contact your local reseller for replacement.

2. Hardware Installation

Refer to the illustrations and follow the steps below to install the Router.

2.1 Device Placement

Step 1: Place the Router on a stable, flat surface with adequate ventilation.



Note

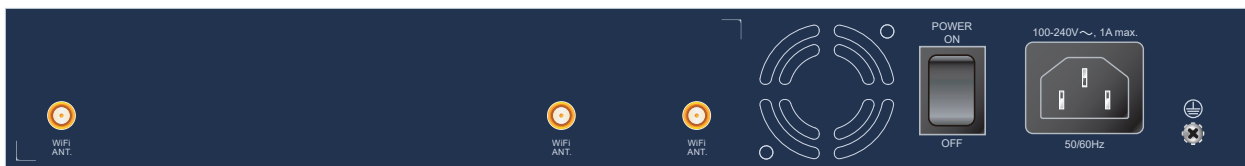
Install the Router in an environment that meets its operating specifications.

2.2 Wireless Antenna Installation (XVR-800BE & XVR-800BE-NR Only)

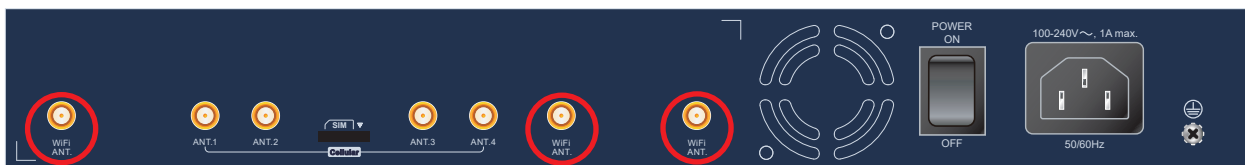
Step 1: Attach the supplied 2.4GHz/5GHz wireless antennas to the corresponding antenna connectors.

Step 2: Adjust the antenna angles as needed to achieve optimal wireless signal reception.

XVR-800BE Rear View:

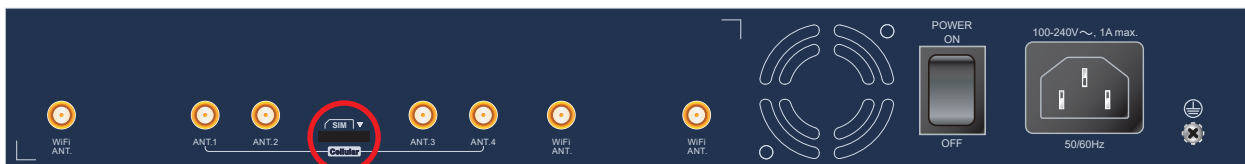


XVR-800BE-NR Rear View:



2.3 SIM Card Installation

Step 1: Insert the ejector pin into the eject hole next to the SIM card tray to release the tray.



Step 2: Gently pull the tray out of the slot.

Step 3: Place the Nano SIM card on the tray with the gold-colored contacts facing upward.

Step 4: Insert the tray back into the slot until it is securely seated.



Note

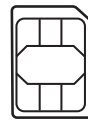
Use a Nano SIM card with an active 5G NR/4G LTE subscription.



Mini SIM card



Micro SIM card



Nano SIM card

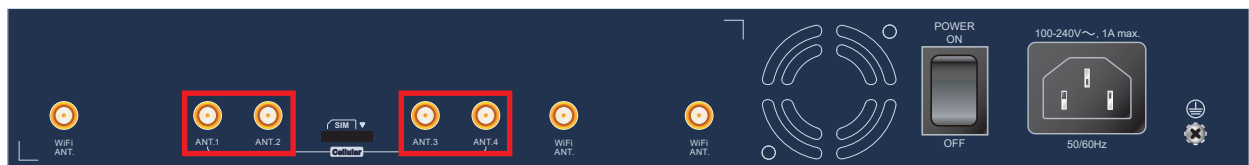
2.4 5G NR Antenna Installation (XVR-800BE-NR Only)

Step 1: Attach the supplied 5G NR antennas to the antenna extenders.

Step 2: Connect the antenna extenders to the corresponding 5G NR antenna connectors on the rear panel.

Step 3: Adjust the antenna positions as needed to achieve optimal 5G NR signal reception.

XVR-800BE-NR Rear View:



2.5 Network Connection

Step 1: Connect the LAN port (Port 1) to a computer, hub or switch using a Category 5e/6 Ethernet cable.

Step 2: Connect the WAN port (Port 5) to an xDSL/cable modem, ONU or upstream network device.



Note

When using only one Internet connection, connect it to WAN Port 5.

2.6 Power Connection

Step 1: Connect the supplied power cord to the Router and an AC 100–240V power outlet.

Step 2: Turn on the power switch. The Power LED lights green when the Router is powered on.

3. Requirements

- The Router provides local and remote login interface for management purposes. The following equipment is necessary for further management:
- **Workstations** running Windows 7/8/10/11, macOS 10.12 or later, Linux Kernel 2.6.18 or later, or other modern operating systems are compatible with TCP/IP Protocols
- Workstations are installed with **Ethernet NIC** (Network Interface Card)
- **Ethernet Port Connection**
 - **Network cables** -- Use standard network (UTP) cables with RJ45 connectors.
 - The above PC is installed with **Web browser**.



Note

It is recommended to use Google Chrome, Microsoft Edge or Firefox to access the Router. If the Web interface of the Router is not accessible, please turn off the anti-virus software or firewall and then try it again.

4. Starting Web Management

The following shows how to start up the **Web Management** of the Router. Note the Router is configured through an Ethernet connection. Please make sure the manager PC must be set to the same **IP subnet address**.

For example, the default IP address of the Router is **192.168.1.1**, then the manager PC should be set to **192.168.1.x** (where x is a number between 1 and 254, except 1), and the default subnet mask is 255.255.255.0.

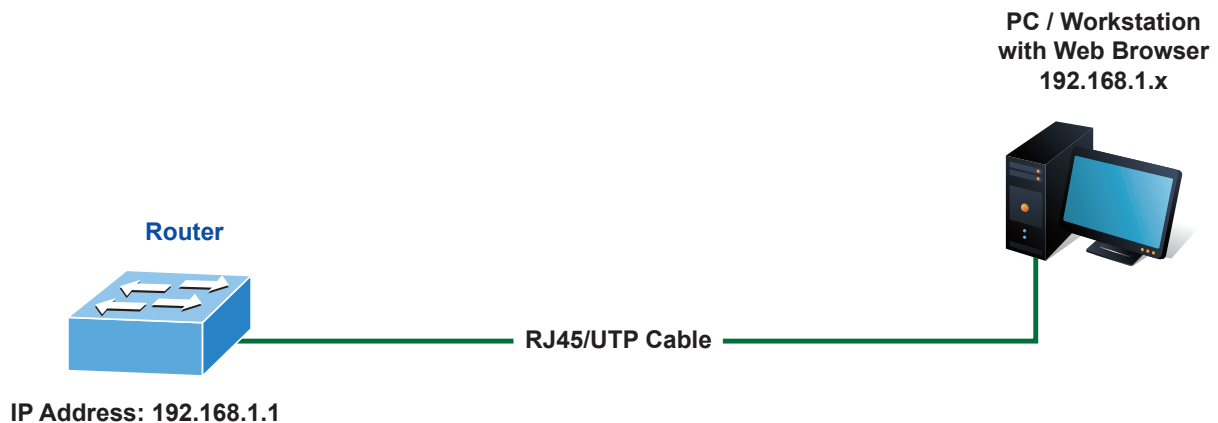


Figure 4-1: IP Management Diagram

4.1 Logging in to the Router

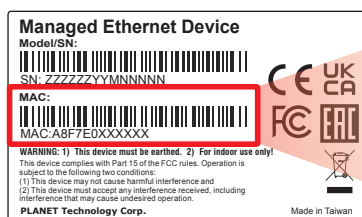
1. Use Chrome 98.0.xxx or above Web browser and enter IP address **https://192.168.1.1** to access the Web interface.
2. When the following dialog box appears, please enter the default user name **"admin"** and password. Refer to **Section 4.1** to determine your initial login password.

Default IP Address: **192.168.1.1**

Default User Name: **admin**

Default Password: **cg + the last 6 characters of the MAC ID in lowercase**

3. Find the MAC ID on your device label. The default password is "cg" followed by the last six lowercase characters of the MAC ID.



MAC ID: A8F7E0XXXXXX

Default Password: swXXXXXX

("x" means the last 6 digits of the MAC address.
All characters should be in lowercase.)

Figure 4-2: Industrial Router MAC ID Label



Figure 4-3: Login Screen

4. After logging in, you will be prompted to change the initial password to a permanent one.

Figure 4-4: Create a New Password

5. After completing the account setup, configure the LAN IP address, subnet mask, and DHCP server settings. Click "Next" to continue to the WAN setup.

Figure 4-5: Network Interface LAN Configuration Page

6. Configure the WAN interface settings, including selecting the interface and connection type (e.g., DHCP). Click “Next” to proceed to the security settings.

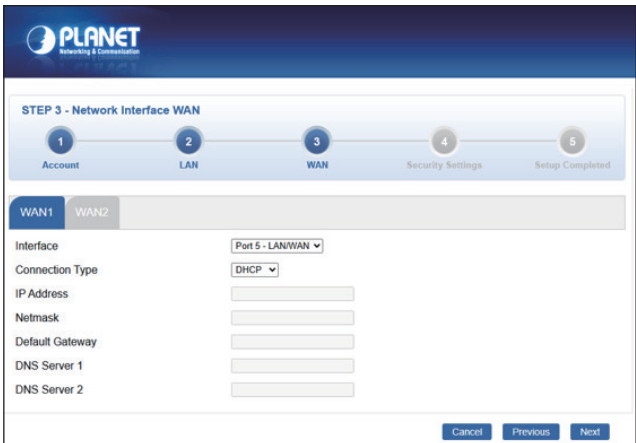


Figure 4-6: Network Interface WAN Configuration Page

7. Configure the security settings, including firewall and traffic protection options. Click “Next” to complete the setup.

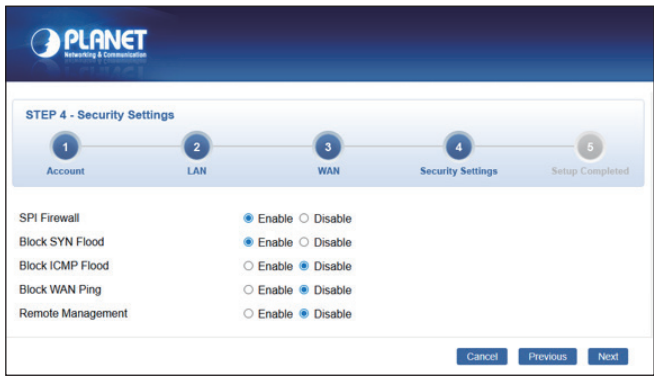


Figure 4-7: Security Settings Configuration Page

8. Review the configuration summary of LAN, WAN, and security settings. Click “Finish” to complete the setup.

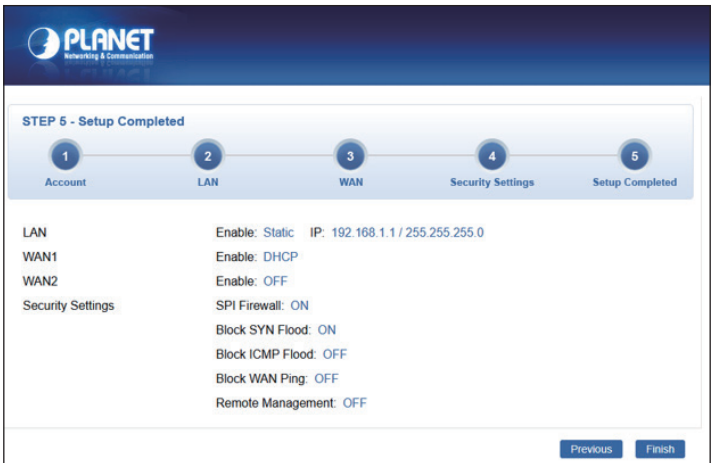


Figure 4-8: Setup Completed Page

9. Enter the default username and password, then set a new password according to the rule-based prompt and confirm it. Upon success, press any key to return to the login prompt. Log in with "new username" and the "new password" to access the Web interface.

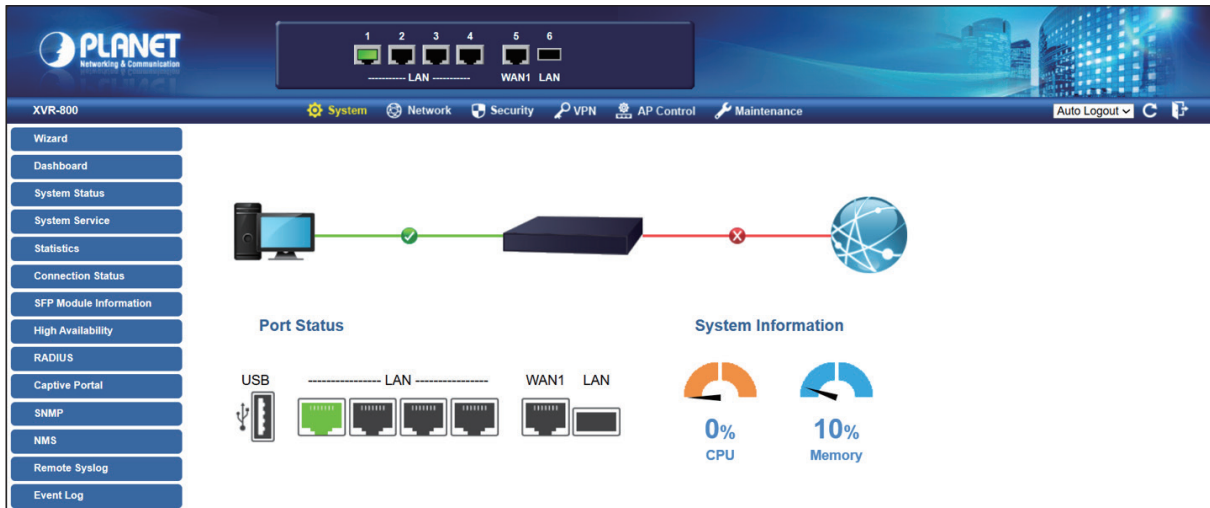


Figure 4-9: Web Main Screen of Router

The Router Menu on the top of the Web page lets you access all the commands and statistics the Router provides. The Switch Menu always contains one or more buttons, such as **"System"**, **"Network"**, **"Security"**, **"VPN"**, **"AP Control"** and **"Maintenance"**.



Note

Menu availability varies by model:

- **Wireless:** XVR-800BE and XVR-800BE-NR only
- **Cellular:** XVR-800BE-NR only



Figure 4-10: Router Menu

Now, you can use the Web management interface to continue the Switch management. Please refer to the user's manual for more.

5. Recovering Back to Default Configuration

■ IP address has been changed or admin password has been forgotten –

To reset the IP address to the default IP Address "**192.168.1.1**" and the user name password to factory default mode (default password is admin or cg + the last 6 characters of the MAC ID in lowercase), press the hardware-based **reset button** on the front panel for about **5 seconds**. After the device is rebooted, you can log in the management Web interface within the same subnet of 192.168.1.xx.



Figure 5-1: XVR-800 Reset Button

6. Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource and User's Manual on PLANET Web site first to check if it could solve your issue. If you need more support information, please contact PLANET support team.

PLANET online FAQs:

<https://www.planet.com.tw/en/support/faq>

Support team mail address:

support@planet.com.tw

XVR-800 User's Manual:

<https://www.planet.com.tw/en/support/download.php?&method=keyword&keyword=XVR-800&view=3#list>



(Please select your switch model name from Product Model drop-down menu)

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