

XG-PON HGU with 4-Port GbE, 3000Mbps 802.11AX

Wireless and 1-Port FXS

XGPN-400AXV

Quick Installation Guide

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1. Package Contents

Thank you for purchasing PLANET **XGPN-400AXV**. Unless specified, “**XG-PON HGU**” mentioned in this Quick Installation Guide refers to the **XGPN-400AXV**.

Model	Description
XGPN-400AXV	XG-PON HGU with 4-Port GbE, 3000Mbps 802.11AX Wireless and 1-Port FXS

Open the box of the **XG-PON HGU** and carefully unpack it. The box should contain the following items:

- XGPN-400AXV
- QR Code Sheet
- DC 12V, 1.5A Power Adapter

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

2. Requirements

- Workstations running Windows 7/8/10/11, MAC OS 10.12 or later, Linux Kernel 2.16.18 or later, or other platforms 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 Chrome 98.0.xxx or above to access the **XG-PON HGU**. If the Web interface of the **XG-PON HGU** is not accessible, please turn off the anti-virus software or firewall and then try it again.



Note

To connect the XGPN-400AXV to an XG-PON network, the following equipment is required:

- XG-PON OLT Switch: PLANET XGPL-16000 (16-Port XG(S)-PON OLT)
- XG-PON OLT Transceiver: PLANET XGPL-XGSFP-N1

3. Hardware Introduction

Front View



Rear View



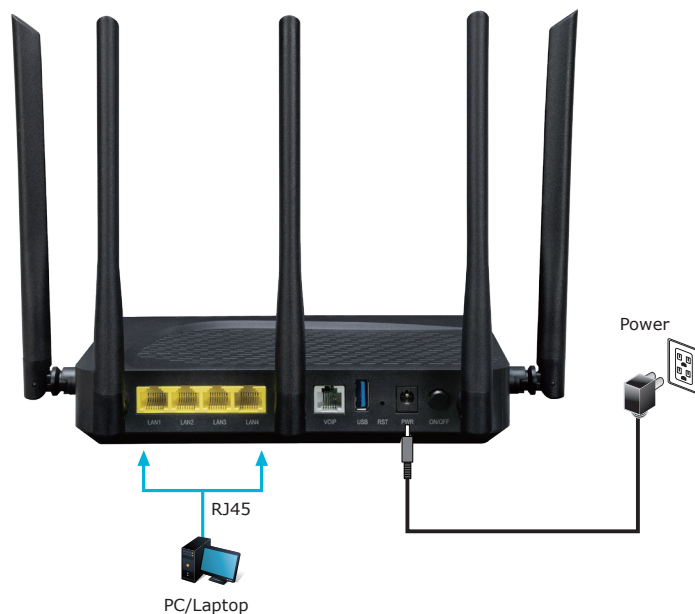
3.1 Hardware Installation

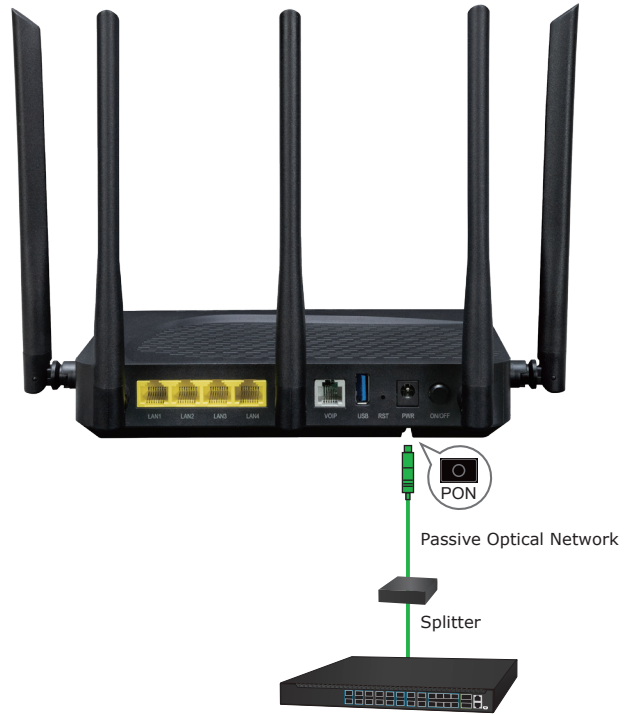
Step 1: Connect the Power Adapter provided in the package to the XGPN-400AXV. The Power LED on the front panel will turn on accordingly.



Step 2: Follow the diagram below to connect the network devices:

- Power Connection: Plug in the power adapter and turn on the device.
- LAN Connection: Use an Ethernet cable to connect a computer or switch to the LAN port.
- PON Connection: Connect the fiber optic cable from the XGS-PON OLT to the PON port of the XGPN-400AXV.





4. Starting Web Management

The following instructions explain how to access the Web Management interface of the XG-PON HGU. Configuration is performed via an Ethernet connection, so ensure that the management PC is set to the same IP subnet.

For example, if the default IP address of the XG-PON HGU is **192.168.1.253**, the management PC should be assigned an IP address within the **192.168.1.x** range (where **x** is any number between **1 and 254**, except **253**). The default subnet mask is **255.255.255.0**.

4.1 Logging on to the XG-PON HGU

1. Use Chrome or another Web browser to enter the default IP address **<https://192.168.1.253>** to access the Web interface.
2. When the following dialog box appears, please enter the default user name "**admin**" and the password. Refer to the following to determine your initial login password.

Default IP Address: **192.168.1.253**

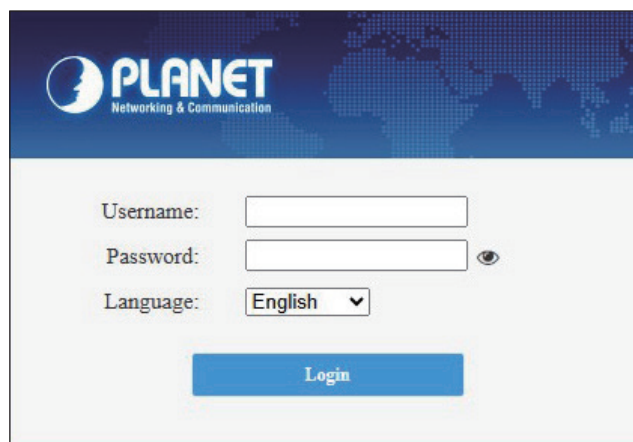
Default User Account: **user/password: 123456**

Default Admin Account: **admin/password: super&123**

Default 2.4G SSID: **PLANET_2.4G_XXXX** ("X" means the last 4 digits of the **MAC address**)

Default 5G SSID: **PLANET_5G_XXXX** ("X" means the last 4 digits of the **MAC address**)

Default Wireless Encryption Type: **qj6x962k6** (Please refer to the label info on the backplane)



The screenshot shows the PLANET Web Management interface. At the top left is the PLANET logo with the tagline "Networking & Communication". Below the logo, there are three input fields: "Username:" with an empty text box, "Password:" with an empty text box and a toggle icon to its right, and "Language:" with a dropdown menu currently set to "English". At the bottom center, there is a blue "Login" button.

Figure 4-1: XGPN-400AXV Web Screen

The screenshot displays the PLANET web interface. At the top left is the PLANET logo with the tagline "Networking & Communication". A "Logout" button is located at the top right. A navigation menu below the header includes "Status", "Net", "Security", "APP", "Manage", "Diagnose", and "Help". The "Status" section is active, with a sub-menu on the left containing "Device Info", "Net Info", "User Info", "VoIP Info", and "CWMP Status". The main content area is titled "Device Basic Information" and contains a table with the following data:

Device Gateway Type:	XGPN-400AXV
Device SN:	BA003725300001
Hardware Version:	A0
Software Version:	11.0.5B.2125_PLANET
CPU Usage:	0%
Memory Usage:	39%
GPON SN:	PLNTE0001122
System Runtime:	00:01:54

Figure 4-2: Web Login interface

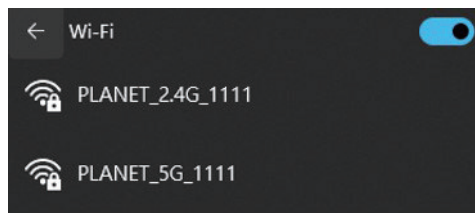
5. Wireless Network Connection

Step 1: Click on the network icon displayed in the system tray.



Step 2: Connect to the Wi-Fi network of the XGPN-400AXV:

1. Right-click the network icon in the system tray and select "View available networks".
2. Find and select "PLANET_2.4G_XXXX" or "PLANET_5G_XXXX" (where XXXX is the last 4 digits of the MAC address).
3. Enter the default Wi-Fi password (refer to the device label).
4. Click "Connect" to complete the setup.



6. Recovering Back to Default Configuration

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

To restore factory settings:

1. Press and hold the reset button on the front panel for “15 seconds” until the LED indicators blink.
2. Wait for the device to reboot.
3. After resetting, the device will revert to the following settings:

Default IP Address: **192.168.1.253**

Default User Account: **user/password: 123456**

Default Admin Account: **admin/password: super&123**



Figure 6-1: XGPN-400AXV Reset Button

7. 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:

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

Support team mail address:

support@planet.com.tw

XGPN-400AX User's Manual:

<https://www.planet.com.tw/en/support/downloads?&method=keyword&keyword=XGPN-400AXV&view=3#list>



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