

**GPON HGU with 4-Port GbE, 3000Mbps 802.11AX  
Wireless and 1-Port FXS**

**GPN-400AXV**

Quick Installation Guide

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## 1. Package Contents

Thank you for purchasing PLANET **GPN-400AXV**. Unless specified, "**GPON ONU**" mentioned in this Quick Installation Guide refers to the **GPN-400AXV**.

Model	Description
<b>GPN-400AXV</b>	GPON HGU with 4-Port GbE, 3000Mbps 802.11AX Wireless and 1-Port FXS

Open the box of the **GPON ONU** and carefully unpack it. The box should contain the following items:

- GPN-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 10/11, macOS 12 (Monterey) or later, or Linux distributions with Kernel 5.0 or above are compatible with TCP/IP protocols.
- Workstations are installed with **Ethernet** connectivity
- **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 the latest version of Google Chrome, Microsoft Edge, or Firefox. If the web interface is inaccessible, disable firewall or antivirus software and try again.



Note

To deploy the GPN-400AXV in a GPON network, the following components are required:

- GPON OLT Switch: PLANET GPL-8000 (8-Port GPON OLT)
- GPON OLT Transceiver: PLANET GPL-GSFP-C+/GPL-GSFP-C++

### 3. Hardware Introduction

#### Front View



#### Rear View



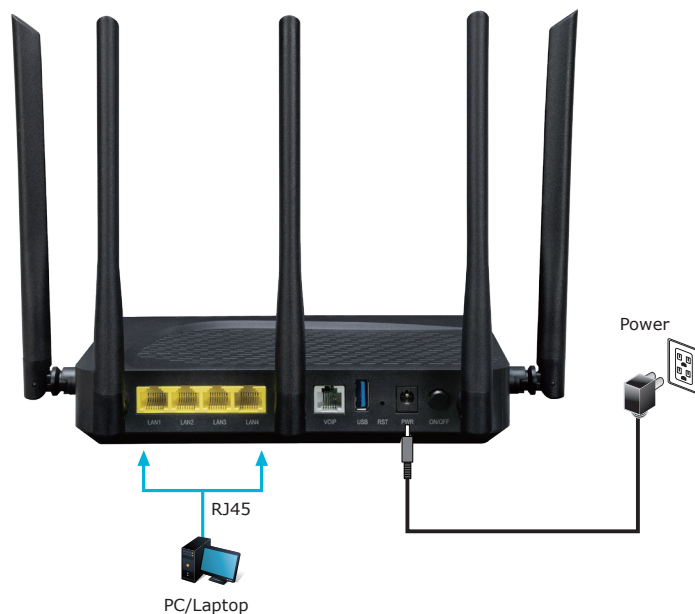
### 3.1 Hardware Installation

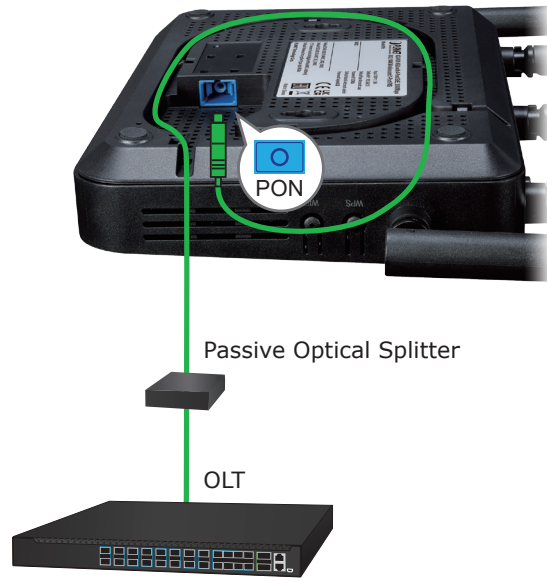
**Step 1:** Connect the Power Adapter provided in the package to the GPN-400AXV. The Power LED on the front panel will turn on accordingly.



**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 GPON OLT to the PON port of the GPN-400AXV.





## Passive Optical Network

## 4. Starting Web Management

The following instructions explain how to access the Web Management interface of the GPON 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 GPON 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 GPON 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 and password: 123456**

**Default Admin Account: admin and 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 device label on the bottom of the device)



Figure 4-1: GPN-400AXV Web Screen

The screenshot displays the PLANET web login interface. At the top left is the PLANET logo with the tagline "Networking & Communication". A "logout" button is located in the top right corner. A navigation bar below the logo contains the following menu items: Status, Net, Security, APP, Manage, Diagnose, and Help. The "Status" menu item is currently selected. On the left side, there is a sidebar menu with the following options: Status, Device Info, Net Info, User Info, VoIP Info, and CWMP Status. The "Device Info" option is highlighted. The main content area is titled "Device Basic Information" and contains a table with the following data:

<b>Device Gateway Type:</b>	GPN-400AXV
<b>Device SN:</b>	BA003025300001
<b>Hardware Version:</b>	A0
<b>Software Version:</b>	11.0.1A.2158_PLANET
<b>CPU Usage:</b>	7%
<b>Memory Usage:</b>	31%
<b>GPON SN:</b>	PLNTE00A0B0C
<b>System Runtime:</b>	00:02:06

Figure 4-2: Web Login interface

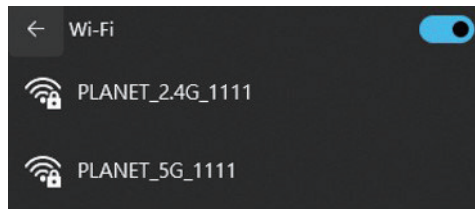
## 5. Wireless Network Connection

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



**Step 2:** Connect to the Wi-Fi network of the GPN-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 and password: 123456**

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



**Figure 6-1:** GPN-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](mailto:support@planet.com.tw)

GPN-400AX User's Manual:

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



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