XGS-PON SFU ONT with 1-Port 10GbE

XGPN-100

Quick Installation Guide

Table of Contents

1. Package Contents

Thank you for purchasing PLANET **XGPN-100**. Unless specified, "**XGS-PON ONU**" mentioned in this Quick Installation Guide refers to the **XGPN-100**.

Model	Description
XGPN-100	XGS-PON SFU ONT with 1-Port 10GbE

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

- XGPN-100
- QR Code Sheet
- DC 12V, 1A 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 **XGS-PON ONU**. If the Web interface of the **XGS-PON ONU** is not accessible, please turn off the anti-virus software or firewall and then try it again.

Note	To connect the XGPN-100 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

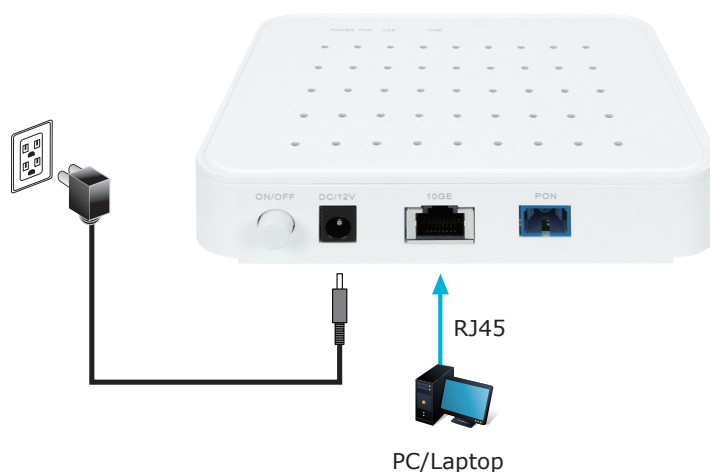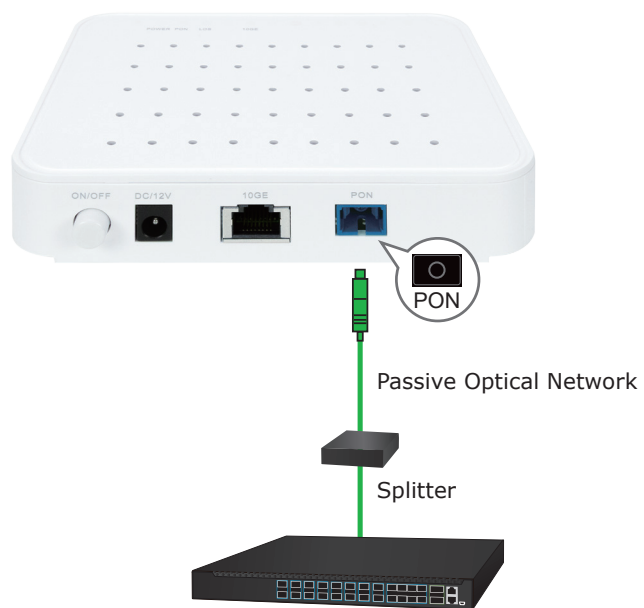**Front View**

Rear View

3.1 Hardware Installation

Step 1: Connect the Power Adapter provided in the package to the XGPN-100. The Power LED on the front panel will turn on accordingly.

Power

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-100.

RJ45

PC/Laptop

ON/OFF DC/12V 10GE PON

PON

Passive Optical Network

Splitter

4. Starting Web Management

The following instructions explain how to access the Web Management interface of the XGS-PON ONU. 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 XGS-PON ONU is **192.168.1.1**, the management PC should be assigned an IP address within the **192.168.1.x** range (where **x** is any number between 2 **and 254**). The default subnet mask is **255.255.255.0**.

4.1 Logging on to the XGS-PON ONU

1. Use Chrome or another Web browser to enter the default IP address **_https://192.168.1.1_** to access the Web interfac.

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: **192.168.1.1**
Default User Account: **user/password: 123456**
Default Admin Account: **admin/password: super&123**

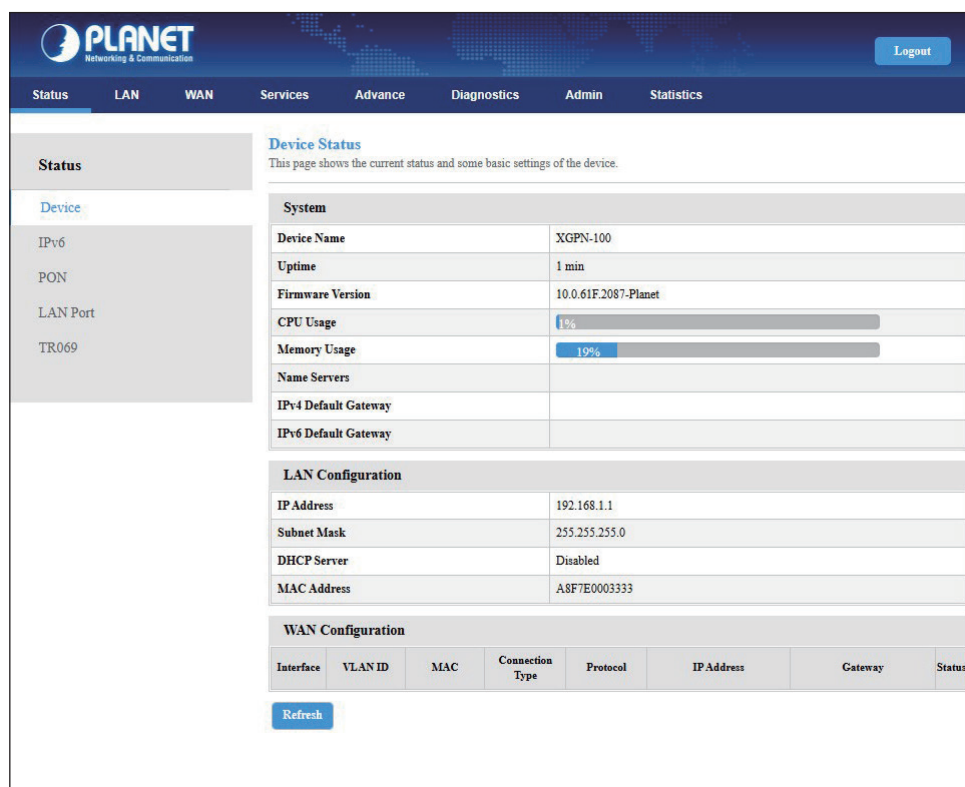
Figure 4-1: XGPN-100 Web Screen

Figure 4-2: Web Main Screen of XGPN-100

5. Recovering Back to Default Configuration

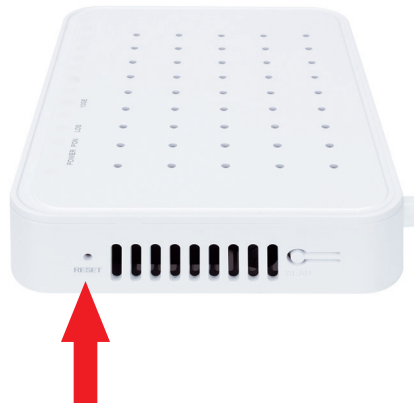**■ IP address has been changed or admin password has been forgotten –**

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: **192.168.1.1**
> Default User Account: **user/password: 123456**
> Default Admin Account: **admin/password: super&123**

Reset Button

Figure 5-1: XGPN-100 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:
http://www.planet.com.tw/en/support/faq

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

XGPN-100 User's Manual:
https://www.planet.com.tw/en/support/downloads?&method=keyword&keyword=XGPN-100&view=3#list