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PLANET XGPN-100 SFP ON with 1 Port



Package Contents

Model	Description
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XGPN-100	XGS-PONSFUONTwith1-Port10GbE
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Open the box of the **XGS-PONONU** and carefully unpack it. The box should contain the following items:

- XGPN-100
- QRCodeSheet
- DC12V,1APowerAdapter

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

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 an Ethernet NIC (Network Interface Card)
- **Ethernet Port Connection**
 - > Network cables — Use standard network (UTP) cables with RJ45 connectors.
 - > The above PC is installed with a 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. To connect the XGPN-100 to an XG-PON network, the following equipment is required:

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

Hardware Introduction

Front View



Rear View



Hardware Installation

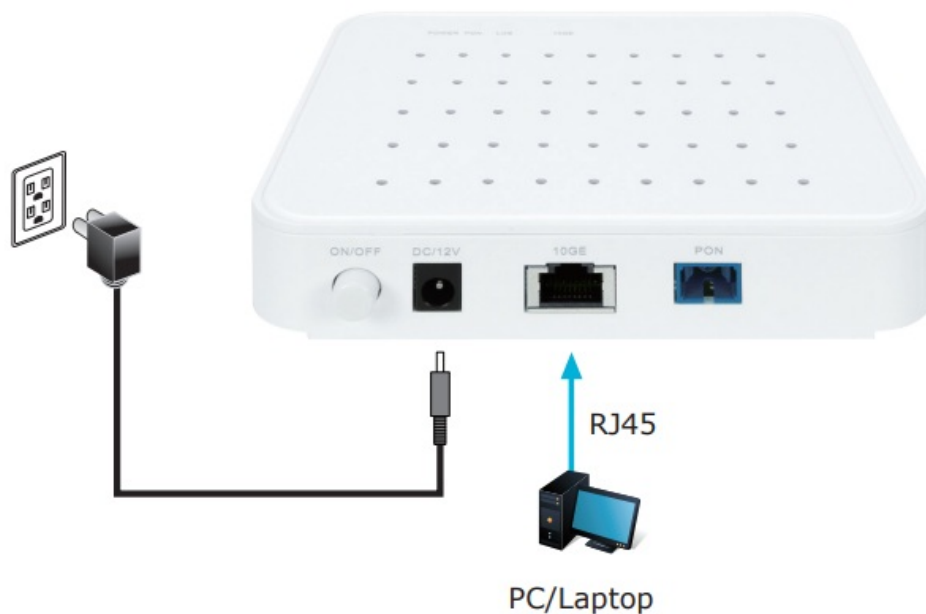
Step 1: Connect the Power Adapter provided in the package to the XGPN-100. The Power LED on the front panel will turn on accordingly.

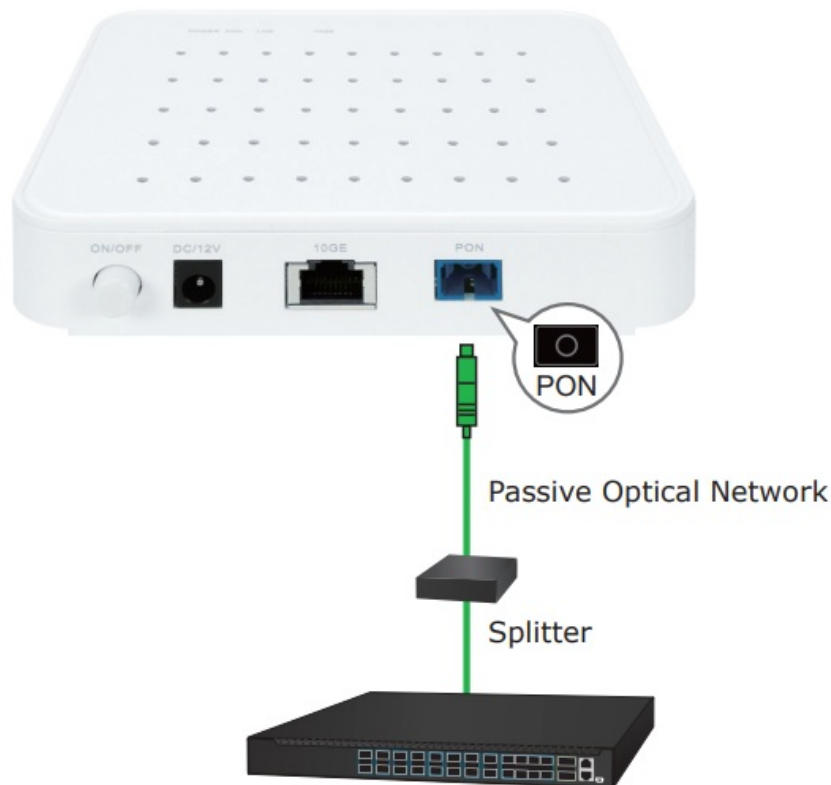


Step 2: Follow the diagram below to connect the network devices:

- 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.





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.

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 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: 192.168.1.1

Default User Account: user/password: 123456

Default Admin Account: admin/password: super&123



The login page features the PLANET Networking & Communication logo at the top. Below the logo, there are three input fields: 'UserPassword:', 'Password:', and 'Language:'. The 'Language:' field is a dropdown menu currently set to 'English'. A blue 'Login' button is positioned below the input fields.

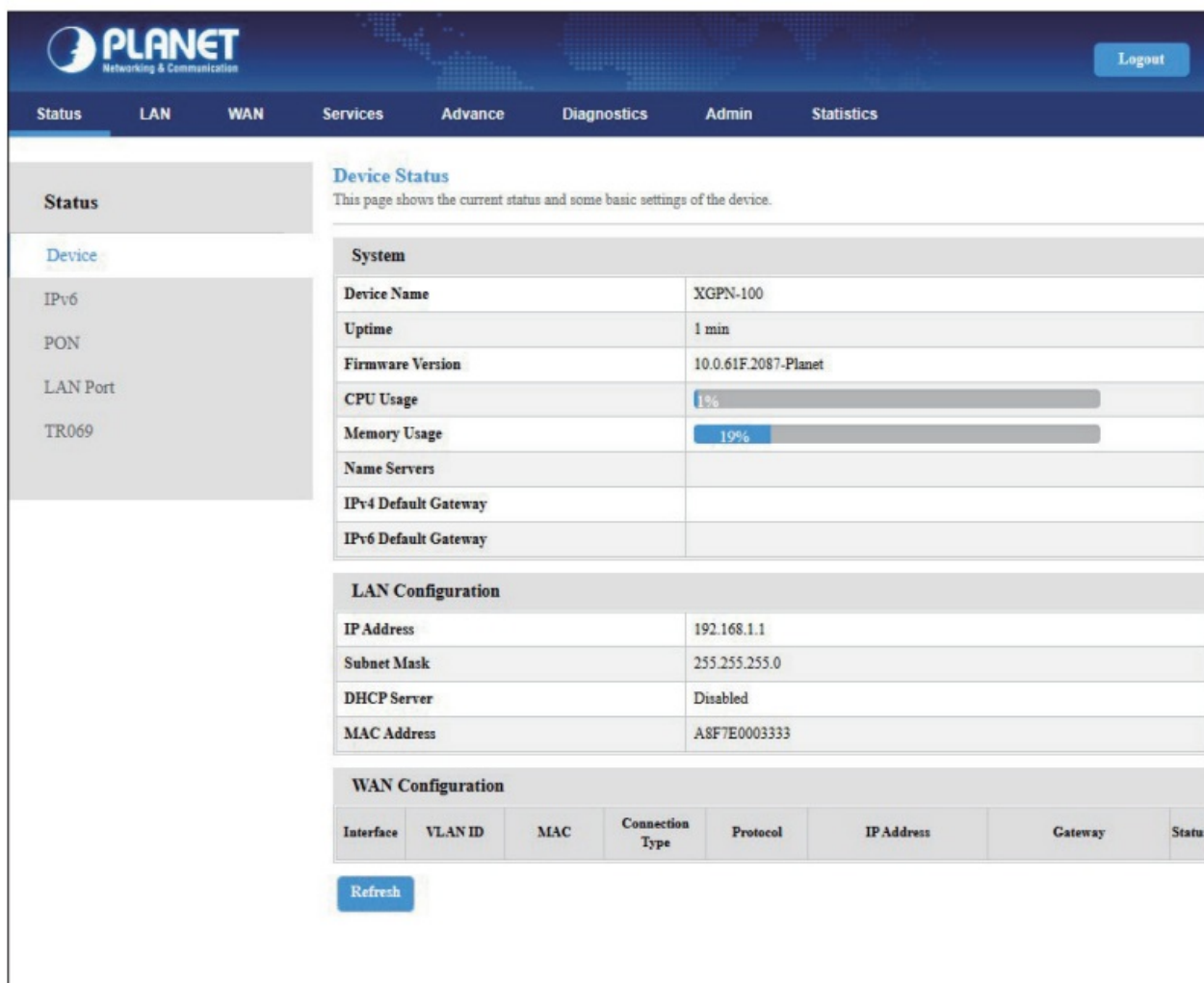
UserPassword:

Password: 

Language: English ▼

[Login](#)

Figure 4-1: XGPN-100 Web Screen



The main screen displays the PLANET logo and a 'Logout' button in the top right corner. A navigation bar includes links for Status, LAN, WAN, Services, Advance, Diagnostics, Admin, and Statistics. The 'Status' section is active, showing a sidebar with 'Status' and 'Device' links. The 'Device' link is selected, displaying the 'Device Status' page. This page includes a description: 'This page shows the current status and some basic settings of the device.' Below this, there are three main configuration sections: System, LAN Configuration, and WAN Configuration. The System section shows details like Device Name (XGPN-100), Uptime (1 min), Firmware Version (10.0.61F.2087-Planet), CPU Usage (1%), and Memory Usage (19%). The LAN Configuration section shows IP Address (192.168.1.1), Subnet Mask (255.255.255.0), DHCP Server (Disabled), and MAC Address (A8F7E0003333). The WAN Configuration section is a table with columns for Interface, VLAN ID, MAC, Connection Type, Protocol, IP Address, Gateway, and Status. A 'Refresh' button is located at the bottom of the WAN Configuration section.

Device Status
This page shows the current status and some basic settings of the device.

System	
Device Name	XGPN-100
Uptime	1 min
Firmware Version	10.0.61F.2087-Planet
CPU Usage	1%
Memory Usage	19%
Name Servers	
IPv4 Default Gateway	
IPv6 Default Gateway	

LAN Configuration	
IP Address	192.168.1.1
Subnet Mask	255.255.255.0
DHCP Server	Disabled
MAC Address	A8F7E0003333

WAN Configuration							
Interface	VLAN ID	MAC	Connection Type	Protocol	IP Address	Gateway	Status
Refresh							

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

Reverting to the 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



Figure 5-1: XGPN-100 Reset Button

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>

FAQs

Q: What should I do if I cannot access the Web interface of the XGS-PON ONU?

A: If the Web interface is not accessible, try turning off anti-virus software or the firewall on your system and attempting access again.

Documents / Resources

	<p>PLANET XGPN-100 Sfu Ont with 1 Port [pdf] Installation Guide</p> <p>XGPN-100 Sfu Ont with 1 Port, XGPN-100, Sfu Ont with 1 Port, Ont with 1 Port, 1 Port</p>
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References

- [User Manual](#)

📁 1-Port, Ont with 1 Port, PLANET, Sfu Ont with 1 Port, XGPN-100, XGPN-100 Sfu Ont with 1 Port

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