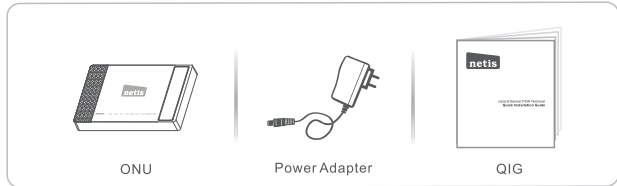




netis PON Terminal Quick Installation Guide

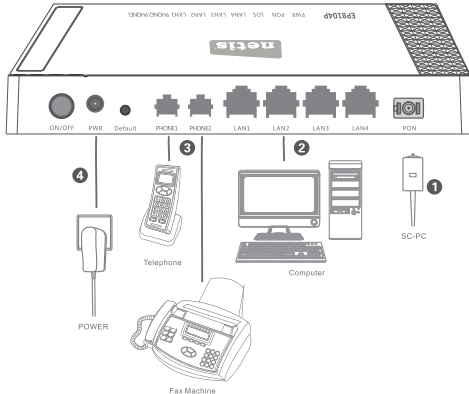
1.Package Contents



* This QIG is for netis PON Terminal, including models- EP8101G, EP8104, EP8104P, GP8501G, GP8501GP, GP8502P.

* The product image shown in this QIG is EP8104P, as an example.

2.Hardware Connection



- 2.1. Connect the fiber. Plug one end of the fiber into the **PON** port.
- 2.2. Connect the Ethernet cable. Attach one end of a network cable to your computer's Ethernet port, and the other end to the **LAN** port.
- 2.3. Connect the telephone line. Attach one end of a telephone line to your telephone/voice port/fax machine, and the other end to the **PHONE** port. (Optional)
- 2.4. Attach the power adapter. Plug the provided Power Adapter into the **PWR** jack of netis ONU and the other end to a standard electrical socket.

3.LED and Button Description

LED	Color	Status	Indication
PWR	Green	On	The ONU is powered on.
		Off	The ONU is powered off.
LOS	Red	On	The PON optical module is powered off.
		Flashing	The received optical power of the ONU is lower than the optical receiver sensitivity.
		Off	The ONU receives optical power normally.
PON	Green	On	The ONU has connected to the OLT.
		Flashing	The ONU is trying to set up a connection to the OLT.
		Off	The ONU fails to connect to the OLT.
LAN/ITV	Green	On	There is a device connected to the corresponding LAN port, but there is no data being transferred.
		Flashing	The device is sending or receiving data over the corresponding LAN port.
		Off	There is no device connected to the corresponding LAN port.
PHONE (For EP8104P, GP8501GP, GP8502P)	Green	On	The ONU has been registered the server .
		Flashing	The PHONE port is transferring data.
		Off	The ONU can't register the server.
RUN (For GP8501GP, GP8501G)	Green	On	There's a hardware failure.
		Off	The ONU is powered off or there's a hardware failure.
		Flashing (1s interval)	The ONU is working normally.
		Flashing (300ms interval)	There's a software failure.

Button	Description
Default	The Default button is used to set factory defaults.
ON/OFF	The ON/OFF button is used to power on and power off.

4.Login the ONU via Web Management Page

4.1. Manually set the IP address of the wired network adapter on your computer as below.

IP Address/ IPv4 Address: 192.168.2.X (1 ≤ X ≤ 254, X ≠ 201)
Subnet Mask: 255.255.255.0
Default Gateway/ Router: 192.168.2.201

For Windows 8/ 7/Vista

- 1) Go to "**Settings**" (for Windows 8)/"**Start**" (for Windows 7/Vista) > "**Control Panel**".
- 2) Left-click on "**Network and Internet**" > "**Network and Sharing Center**" > "**Change adapter settings**" (for Windows 8/ 7)/"**Manage network connections**" (for Windows Vista).
- 3) Right-click on "**Local Area Connection**" and left-click on "**Properties**".
- 4) Double-click on "**Internet Protocol Version 4 (TCP/IPv4)**".
- 5) Select "**Use the following IP address**", set the above IP parameters and then left-click on "**OK**".

For Windows XP/2000

- 1) Go to "**Start**" > "**Control Panel**".
- 2) Left-click on "**Network and Internet Connections**" > "**Network Connections**".
- 3) Right-click on "**Local Area Connection**" and left-click on "**Properties**".
- 4) Double-click on "**Internet Protocol (TCP/IP)**".
- 5) Select "**Use the following IP address**", set the above IP parameters and then left-click on "**OK**".

For MAC OS

- 1) Click on the "**Apple**" menu > "**System Preferences**".
- 2) Click on the "**Network**" icon.
- 3) Click on "**Ethernet**" in the left side box and click on "**Advanced**" in the lower right corner.
- 4) In the top options, select "**TCP/IP**".
- 5) In the pull-down menu next to "**Configure IPv4**" select "**Manually**".
- 6) Fill in the "**IPv4 Address/Subnet Mask/Router**" parameters, and click "**OK**" then "**Apply**".

4.2. Open your browser and type **192.168.2.201** in the address field. Then type in the username **guest** and password **guest** to login the web management page.

4.3. You will see the following ONU management page to finish the further settings.



5.Troubleshooting

Q What can I do if the Power LED does not light up?

- A**
- 1) Make sure that the ONU is properly plugged into a power outlet and please check if the power outlet is working fine.
 - 2) Unplug and plug the ONU into the power outlet again. If the Power LED still fails to light up, contact your local dealer for technical support.

Q What can I do if the LOS LED is always red on?

- A**
- 1) Make sure that the fiber is plugged into the PON port firmly and the fiber cable is not broken.
 - 2) If the LOS LED still solid on, which means that the ONU is not registered correctly, please contact your ISP for further help.

Q What can I do if the PON LED does not light up?

- A**
- 1) Make sure that the power is on, and the fiber connection is running properly.
 - 2) If all the hardware connection is fine but the PON LED is still off, please contact your ISP for further help.

Q How do I restore my netis ONU's configuration to its default settings?

- A**
- With the ONU powered on, use a pin to press and hold the Default button on the rear panel for 5 seconds at last before releasing it. The ONU will reboot and all configurations are back to factory default.

Appendix: FCC Statement

This device complies with Part 15 of the FCC Rules.Operation is subject to the following two conditions.

- (1)this device may not cause harmful interference and
- (2)this device must accept any interference received; including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning

[A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.]

[Use only shielded cables to connect I/O devices to this equipment.]

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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MADE IN CHINA