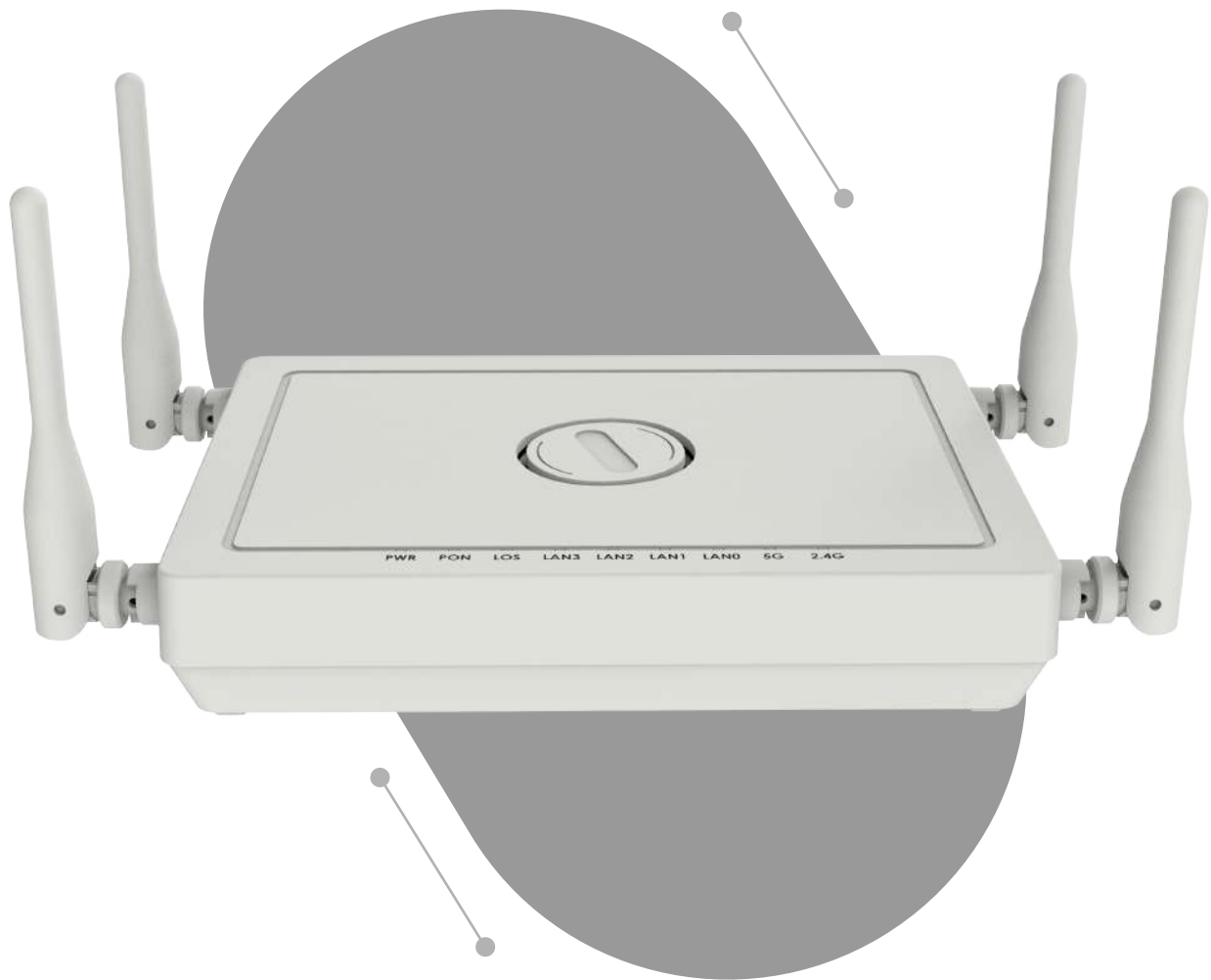


Quick Start Guide



Sleek | Smart | Secure

XPON ONT
OHG-5110-E14A

Introduction

Thank you for choosing XPON ONT

Packaging Content



XPON ONT (Qty:1)



Power
Adaptor(Qty:1)

Ethernet
Cable(Qty:1)

Note: If you find anything missing or damaged, contact the service provider.

Product Overview

PRODUCT	INTERFACE INFO
OHG-5110-E14A	1 x SC/UPC or 1 x SC/APC GPON Port
	4 x 10/100/1000Mbps LAN
	1 x POTS Port
	2.4G + 5G (2*2MIMO)
	1 x USB Port

Working Environment

XPON ONT	OHG-5110-E14A
Weight (include power adopter)	About 400 gm
Maximum power consumption	< 8W
Working temperature	0°C - 50°C (32°F - 122°F)
Storage temperature	-40°C - 70°C (-40°F - 158°F)
Working humidity	10% - 95%, non-condensing
Storage humidity	5% - 95%, non-condensing

Hardware Installation

- ∴ 1. Use an optical fiber to connect the optical port on the ONT Configure IP Address of Network Card
 - ∴ 1.1. The optical connector connected to the PON port is an SC/APC or SC/UPC connector.
 - ∴ 1.2. To ensure normal use of fibers, make sure that the fiber bend radius is larger than 30 mm.
- ∴ 2. Use a network cable to connect the LAN port to an Access Point.
- ∴ 3. Use a phone line to connect the PHONE port to a phone or fax machine.
- ∴ 4. Use a power adapter to connect the DC12V port to the power socket.
 - ∴ 4.1. Do not use any power adapters that are not in the standard configuration. Otherwise, the device may be abnormal or unsafe.
- ∴ 5. Press the ON/OFF power switch.
- ∴ 6. Press the Wi-Fi switch to enable the Wi-Fi access function. By default, this function is enabled.
- ∴ 7. Press the WPS switch to enable the WPS encryption function.
 - ∴ 7.1. Before enabling the WPS encryption function of a XPON ONT terminal, ensure that the function is set in the system software in advance. After successful setting, press the WPS switch for the settings to take effect.

Web login

Configure IP Address of Network Card

- Configure TCP/IP properties of your network card to obtain an IP address automatically from ONT, or set the IP address of the computer with the same network mask of the ONT.
- The default management IP address and subnet mask of the XPON ONT are as follows:
 - IP address: 192.168.1.1
 - Subnet mask: 255.255.255.0

Internet Settings

- Open browser, and input "http://192.168.1.1" in the address bar and press enter.
- In the Quick Configuration page that is displayed, enter the user name, password and click on login button.
- The user name is "admin" and the password is "system".

HFCL

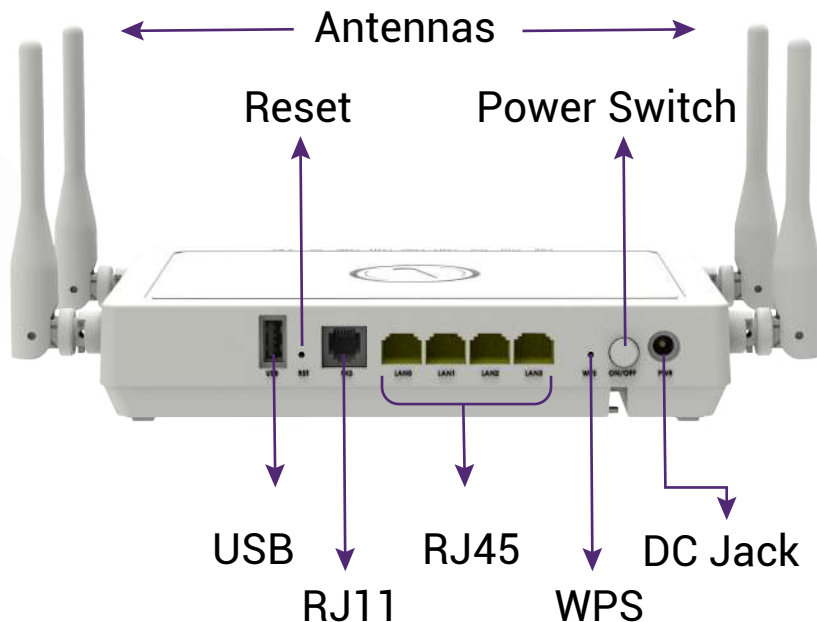
Input username and password

Username:

Password:

Login

OHG-5110-E14A interfaces and buttons




LED COLOR	STATUS
PON	The optical port is equipped with a rubber plug and is connected to an optical fiber for transmission
PHONE	RJ-11 POTS port for connecting to analog telephones Call forwarding, Call waiting, Call block, 3-way conference call, etc.
LAN 1 - 4	RJ-45 GE Ethernet interface used to connect the Ethernet interface of the computer
RST	Press for 6S above, Restoring Default Settings
Wi-Fi	Enable/Disable the 2.4Ghz and 5Ghz wireless code function
DC12V	12V DC power input interface to connect the power adapter
ON/OFF	A power switch used to connect or disconnect a device's power supply
WPS	Press for 0-3S, WPS


OHG-5110-E14A indicator light


To mount the Access Point on a wall, use the wall mounting bracket, drywall screws, and screw anchors (* The entire wall mounting assembly is sold separately)


LED FUNCTION	LED MARK	COLOR	LED STATUS	DESCRIPTION
Power Status	PWR	Green	On	The device is receiving power and working properly
			Off	The power supply is cut off
PON Status	PON	Green	On	The device is linked successfully to an OLT
			Off	The PON link is down
			Blink	The device is initializing to an OLT
	LOS	Red	Blink	The device receives optical power below its sensitivity
Off			Optical signal reception is normal	
LAN Status	LAN 1 - LAN 4	Green	On	Connected properly
			Off	Indicates that LAN port is not connected
			Blink	LAN port is being transferred data
Wi-Fi Status	2.4G/5G	Green	On	Wi-Fi Enabled
			Off	Wi-Fi Disabled
			Blink	Wi-Fi is Transmitting / Receiving


Safety Precautions


-  Avoid staring directly into the optical port without wearing eye protection


-  Store the device safely away from children to prevent accidental ingestion


-  Ensure device's power supply voltage matches its input requirements


-  Avoid foreign objects, especially metal, from entering the device through the heat dissipation hole


-  Prior to handling cables, ensure your hands are dry. Always turn off the device and power before connecting or disconnecting cables

-  Turn off power, unplug all cables (power, optical fiber, and network) during lightning. Ensure accessible socket placement. Check power adapter for damage before use


-  To prevent device damage, keep optical fiber strength members and metal parts out of indoor spaces


-  Avoid placing objects on the device to prevent overheating or deformation

-  Do not dismantle the device without authorization. In case of a malfunction, contact the authorized service center

-  Do not modify the device's structure, safety features, or performance without prior authorization

Fireproof Precautions:

-  Keep the device away from large heat source equipment, bare flames, and high-power devices, such as electric heaters, candles, and blow dryer

-  Replace aging cables or power sockets near the device promptly to eliminate safety risks. Ensure the device's power supply voltage matches its input requirement



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