

AirLive ONU-10XG(S)-1004-10G
Quick Installation Guide
V1.0

airlive®

1. Indicator and Interface Description

1.1 Product Picture



Figure 1. ONU-10XG(S)-1004-10G

1.2 Application Chart

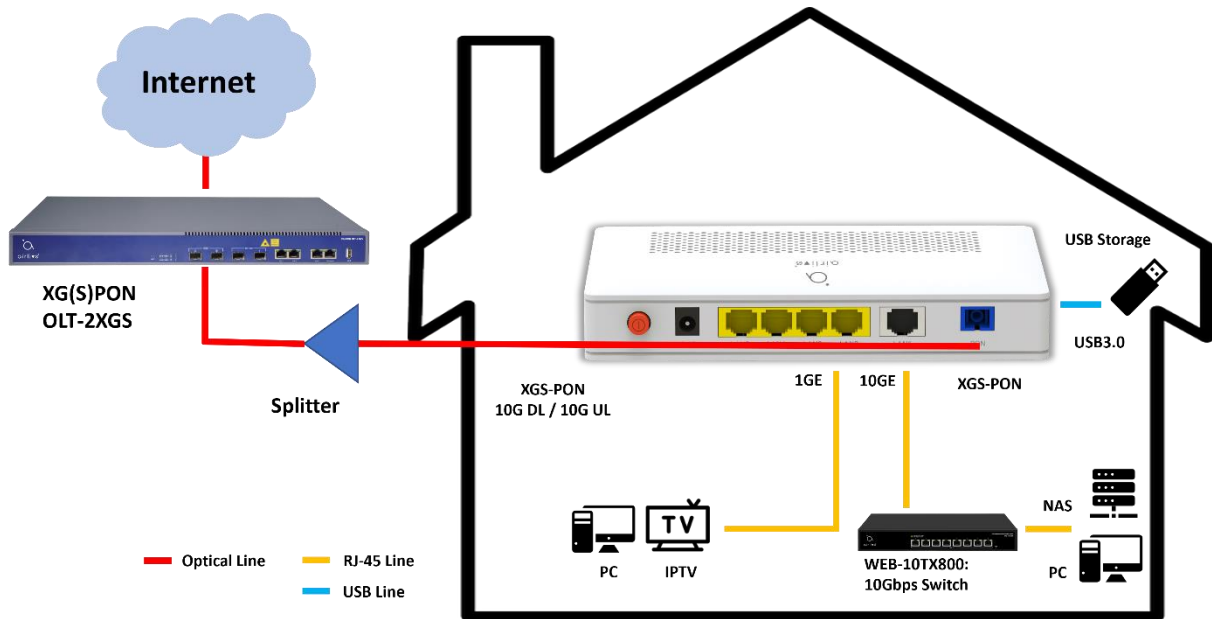


Figure 2. Application Chart

(when using XG model the speed will be 10G DL / 2.5G UL)

1.3 Panel Lights



Figure 3. Panel Lights

LED	Mark	Status	Description
Power	PWR	On	Device is powered up.
		Off	Device is powered down.

Registration	PON	On	Device is registered to PON system.
		Off	Device is not registered to PON system.
		Blink	Device is registering.
Optical signal	LOS	Off	Device has received optical signal.
		Blink	Device does not receive optical signal.
WAN	WAN	On	WAN connection is up.
		Off	WAN connection is down.
Interface	LAN1-5	On	Port is connected properly (LINK).
		Off	Port is not connected properly.
		Blink	Port is sending or/and receiving data (ACT).
USB	USB	On	USB device is connected, but without ongoing data transmission.
		Off	Device is powered off or USB device is not connected.
		Blink	USB is with ongoing data transmission.

Table 1. Panel Lights

1.4 Interface/button Panel



Figure 4. Interface/button Panel, RST and USB on the side of the device.

Name	Function
ON/OFF	Power switch.
DC 12V	Connect with power adapter. DC 12V, 1A.
LAN1-5	The silver LAN1 is a 10GE port and the yellow LAN2~5 are 1GE ports. Connect PC or other devices to GE port by Cat5 cable, RJ-45 connector. And connect to the 10GE port by Cat6a cable, RJ-45 connector.
PON	Connect to OLT by SC type fiber connector, single mode optical fiber cable.
RST	Press RST button over 10 seconds, ONU restores factory default and reboots.
USB 3.0	External USB port, connect to USB storage device.

Table 2. Interface/button Panel

2. Packing List

Contents	Quantity	Contents	Quantity
10G-XG/XGS-PON ONU	1 pcs	Power adapter	1 pcs
Installation Guide	1 pcs	Network cable	1 pcs

3. Hardware Installation

Installation Environment Requirements

ONU device must be installed indoors and ensure the following conditions:

- Confirm that there is sufficient space for ONU installation to facilitate cooling the device.
- ONU is suitable for working at temperatures ranging from -5 °C to 55 °C and humidity ranging from 10% to 90%.
- ONU workplace should avoid high-frequency interference from radio transmitters, radar stations, and power equipment.

Equipment Installation

1. Installed on the desktop

Place the ONU on a clean bench, this installation is relatively simple, you can observe the following operation:

- Ensure a smooth surface.
- There is enough space around the device for heat dissipation.
- Do not place objects on the device.

2. Mounted on the wall

- The ONU chassis has two recesses on the back, in accordance with the position of the groove, install two screws in the wall.
- The mounting two mounting screws gently snap into recesses when aligned.
- Slowly let go, so that the device under the support of the screws is hanging on the wall.

3. Connect fiber, network cable and power adapter to the corresponding interfaces, and turn on the power of product.