

AirLive ONU-10XG(S)-1001-10G
Quick Installation Guide

V1.0

airlive®

1. Indicator and Interface Description

1.1 Product Picture



Figure 1. ONU-10XG(S)-1001-10G

1.2 Application Chart

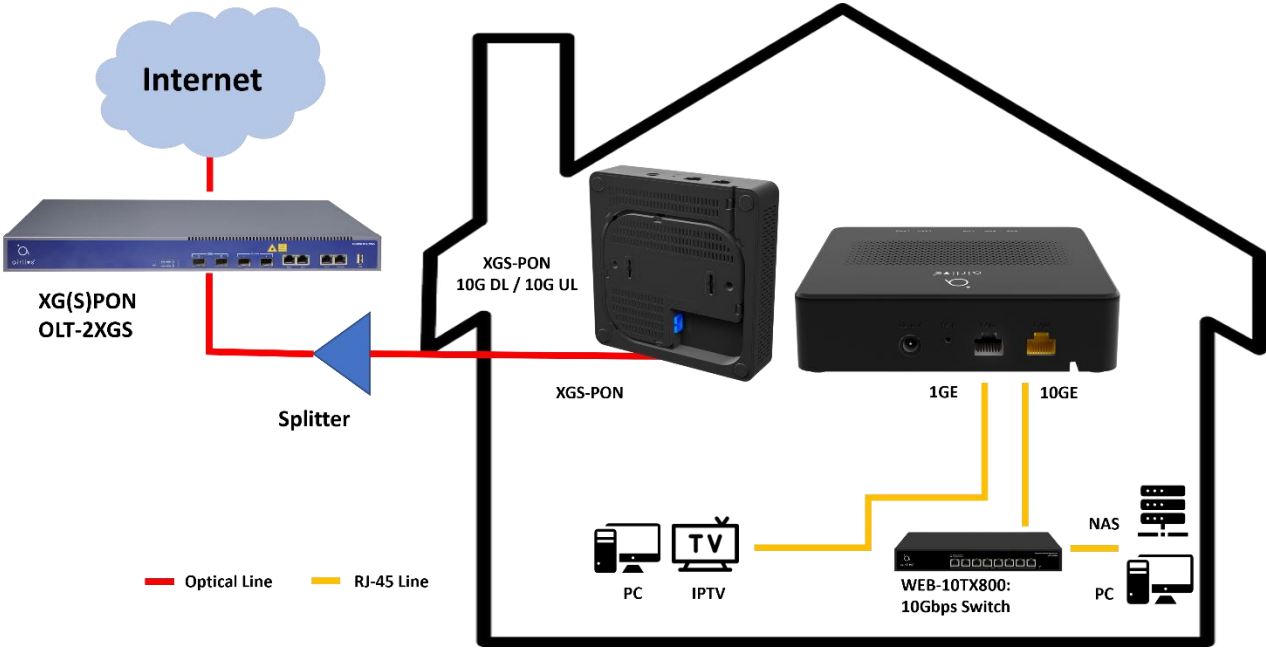


Figure 2. Application Chart
(when using XG model the speed will be 10G DL / 2.5G UL)

1.3 Panel Lights

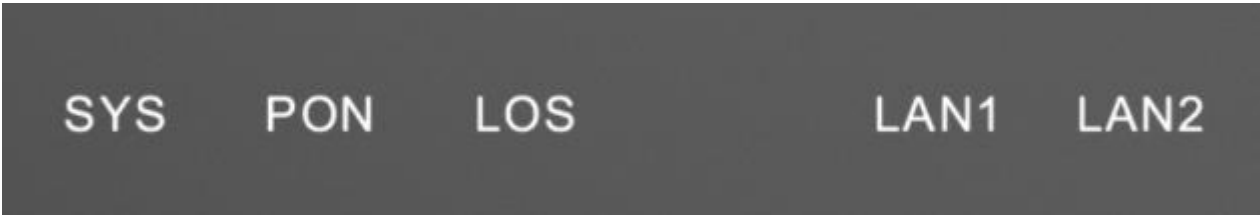


Figure 3. Panel Lights

LED	Mark	Status	Description
System	SYS	Off / On	System is not running or fatal error.
		Blink	The device is running normally.
Registration	PON	On	The device is registered to the PON system.
		Off	The device is not registered to the PON system.
		Blink	The device is registering.
Optical signal loss	LOS	Off	The device has received optical signal.
		Blink	The device does not receive optical signal.
Interface	LAN1 LAN2	On	Port is connected properly (LINK).
		Off	Port is not connected properly.
		Blink	Port is sending or/and receiving data (ACT).

Table 1. Panel Lights

1.4 Interface/button Panel

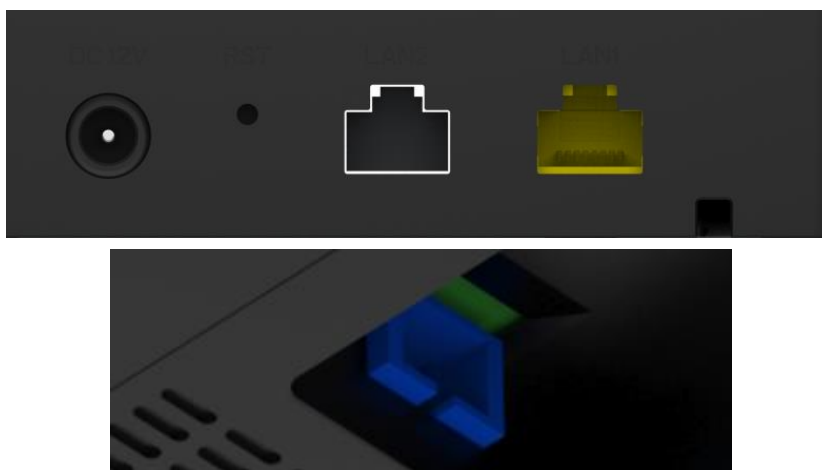


Figure 4. Interface/button Panel, PON connection on the bottom of device.

Name	Function
DC 12V	Connect with power adapter. DC 12V, 1A.
RST	Press RST button for 1 ~ 3 seconds, ONU reboots. Press RST button for more than 4 seconds, ONU restores to factory default configuration.
LAN1-2	LAN2 is a 10GE port and the Yellow LAN1 is a 1GE port. Connect PC or other devices to GE port by Cat5 cable, RJ-45 connector. And connect to 10GE port by Cat6a cable, RJ-45 connector.
PON	Connect to OLT by SC type fiber connector, single mode optical fiber cable.

Table 2. Interface/button Panel

2. Packing List

Contents	Quantity	Contents	Quantity
XG/XGS-PON ONU	1 pcs	Power adapter	1 pcs
Installation Guide	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, in accordance with the position of the groove, install two screws in the wall.
 - The original selected 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.