

**AirLive 2.5GE XPON ONU**  
**Quick Installation Guide**  
**V3.0**

airlive®

# 1. Indicator and Interface Description

## 1.1 Product Picture



Figure 1 2.5GE XPON ONU

## 1.2 Application Chart

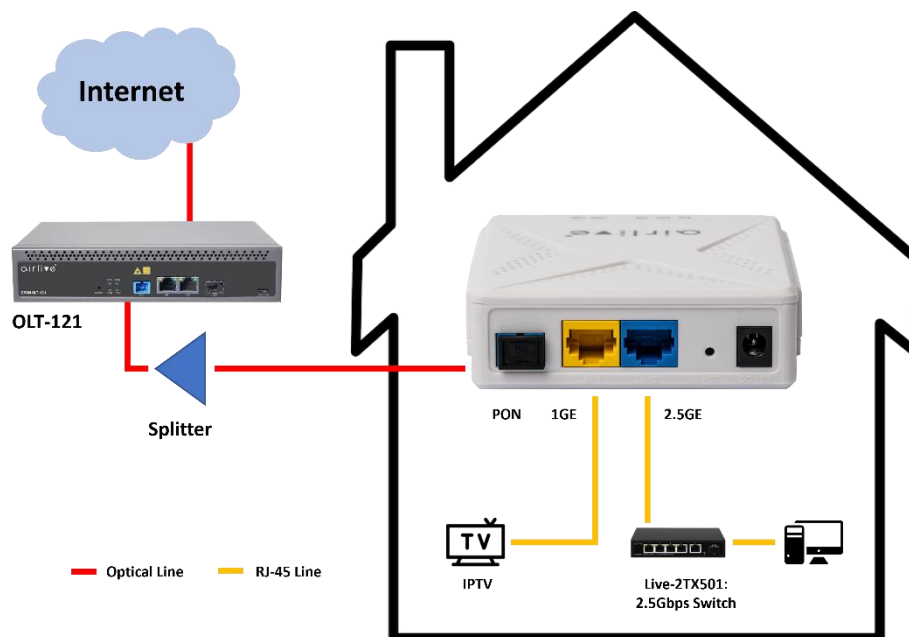


Figure 2 Application Chart

## 1.3 Panel Lights

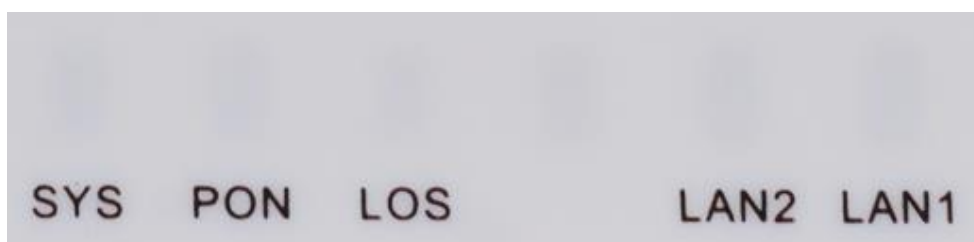


Figure 3 Panel Lights

LED	Mark	Status	Description
System	SYS	On / Off	System is not running or fatal error.
		Blink	Normal running.
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	Blink	Device does not receive optical signal.
		Off	Device receives optical signal.
LAN	LAN1 LAN2	On	Port is connected properly.
		Off	Port connection exception or not connected.
		Blink	Port is sending or/and receiving data.

Table 1 Panel Lights

## 1.4 Interface/button Panel

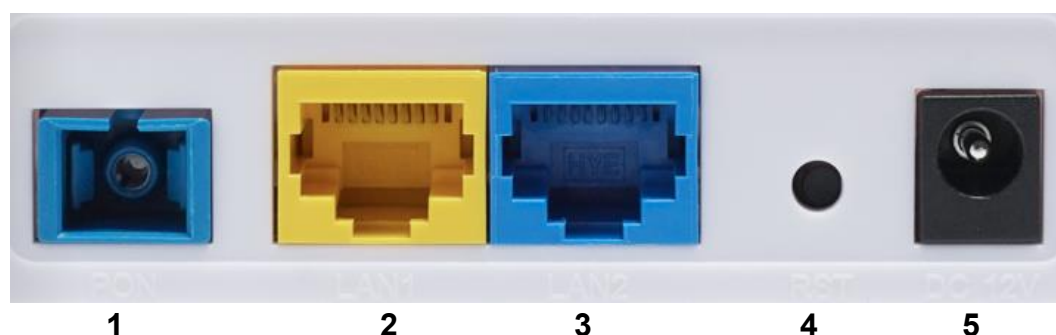


Figure 4 Interface/button Panel

Name	Function
<b>1:</b> PON	Connect to OLT by SC type fiber connector, single mode optical fiber cable.
<b>2/3:</b> LAN1/2	The blue LAN2 is 2.5GbE port and the yellow LAN1 is 1GE port. Connect to PC or other devices with Ethernet port by Cat5/Cat5E cable, RJ-45 connector.
<b>4:</b> RST	Press RST button over 10 seconds, ONU restores factory default and reboots.
<b>5:</b> DC 12V	Connect with power adapter. DC 12V, 0.5A.

Table 2 Interface/button Panel

## 2. Packing List

Contents	Quantity	Contents	Quantity
2.5GE XPON ONU	1 pcs	Power adapter	1 pcs
Installation Guide	1 pcs		

## 3. Certification

The following products have been tested by us with the listed standards and found in compliance with the European directive 2014/35/EU / EMC directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with the LVD / EMC directive.

EN 62368-1:2014+A11:2017

EN 55032:2015+A1:2020

EN 55035:2017+A11:2020

EN IEC 61000-3-2:2019+A1:2021

EN 61000-3-3:2013+A2:2021

## 4. Hardware Installation

### Installation Environment Requirements

ONU equipment must be installed in the interior, and to ensure the following conditions:

- Confirmation at the ONU installation at sufficient space to facilitate cooling machine.
- ONU suitable operating temperature of  $-5^{\circ}\text{C} \sim 55^{\circ}\text{C}$ , humidity 10% to 90%.
- Device workplace should avoid radio transmitters, radar stations, and high-frequency interference from 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 two mounting screws gently snap into the 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.