

**AirLive XPON ONU-1GE
Quick Installation Guide**

V1.0

airlive®

1. Indicator and Interface Description

1.1 Product Picture



Figure 1 1GE Dual Mode ONU

1.2 Application Chart

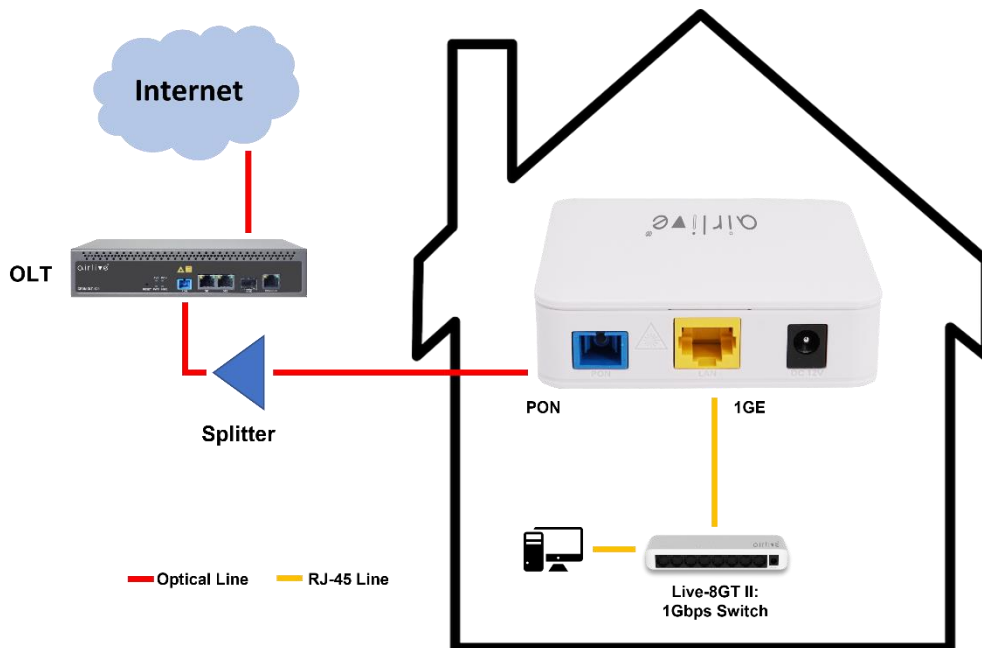


Figure 2 Application Chart

1.3 Panel Lights

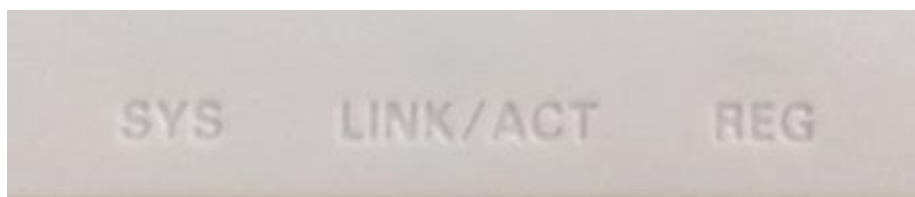


Figure 3 Panel Lights

LED	Mark	Status	Description
Registration	REG	On	Green: The device is registered to PON system.
		Blink	Red: The Device does not receive optical signal. Green: The device is registering.
		Off	The device is not registered to the PON system.
Interface	LINK/ACT	On	Port is connected properly (LINK).
		Blink	Port is sending or/and receiving data (ACT).
		Off	Port connection exception or not connected.
System	SYS	On / Off	System is not running or fatal error.
		Blink	Normal running.

Table 1 Panel Lights

1.4 Interface/button Panel



Figure 4 Interface/button Panel

Name	Function
1: PON	Connect to OLT by SC type fiber connector, single mode optical fiber cable.
2: LAN	Connect PC or other devices with Ethernet port by Cat5 cable, RJ-45 connector.
3: DC 12V	Connect with power adapter. DC 12V, 0.5A.
4: RST	Press RST button over 10 seconds, ONU restores factory default and reboots.

Table 2 Interface/button Panel

2. Packing List

Contents	Quantity	Contents	Quantity
XPON ONU-1GE	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 $-5\text{ }^{\circ}\text{C} \sim 55\text{ }^{\circ}\text{C}$, 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 the smooth workbench.
- Around the device there is enough space for heat dissipation.
- Do not place objects on the device.

2. Mounted on the wall

- Observation ONU equipment chassis two cruciform recess, in accordance with the position of the groove, installed two screws in the wall.
 - The original selected two mounting screws gently snap into recesses aligned.
 - Slowly let go, so that the device under the support of the screw hanging on the wall.
3. Connect fiber, network cable and power adapter to the corresponding interfaces, and turn on the power of product.