

AirLive GPON OLT-121-64
Quick Installation Guide

airlive®

1. Indicator and Interface Description

1.1 Product Picture



Figure 1 GPON OLT-121-64

Default login of the OLT-121-64 is IP:192.168.8.200, Username: admin, Password: Xpon@Olt9417#

1.2 Application Chart

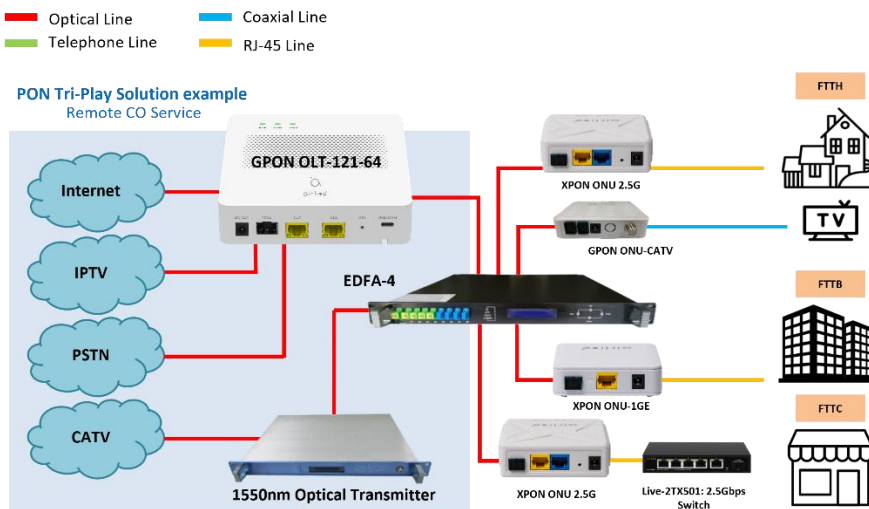


Figure 2 Application Chart

1.3 Application Chart

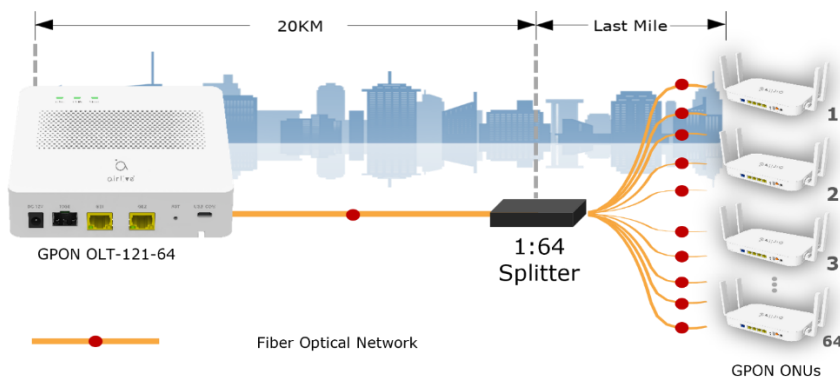


Figure 3 Application Chart

1.4 Panel Lights



Figure 4 Panel Lights

LED	Mark	Status	Description
Power	SYS	Blink	Device has completed startup.
		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.
Interface	10 GE	On	Port is connected properly (LINK).
		Off	Port is not connected properly.
		Blink	Port is sending or/and receiving data (ACT).
	1-2 Green (Speed mode)	On	Port is working in 1000Mbps mode.
		Off	Port is in working in 100Mbps or 10Mbps mode.
	1-2 Yellow (LINK/ACT)	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

1.5 Interface/button Panel



Figure 4 Interface/button Panel

Name	Function
DC 12V	Connect with power adapter. DC 12V, 1A.
10GE	Connect SFP+1G/10G modules.
GE1-2	Connect PC or other devices to GE port by Cat5 cable, RJ-45 connector.
RST	Press RST button 1-5 seconds, OLT Reboot.
	Press RST button 5-10 seconds, OLT reset default account and IP.
	Press RST button 10-15 seconds, OLT reset factory.

	Press RST button over 15 seconds, reset RST button timer.
USB-COM	Connect to PC by Type-C cable.
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
GPON OLT-121-64	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

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

- Confirmation at the OLT installation at sufficient space to facilitate cooling machine.
- OLT suitable operating temperature of -10°C ~ 55°C, humidity 5% to 95%.
- Device workplace should avoid radio transmitters, radar stations, and high-frequency interference from power equipment.

Equipment Installation

1. Installed on the desktop

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