

AirLive XGSPON OLT-2XGS
Quick Installation Guide
V1.0

airlive®

1. Indicator and Interface Description

1.1 Product Picture



Figure 1. XGSPON OLT-2XGS

1.2 Application Chart

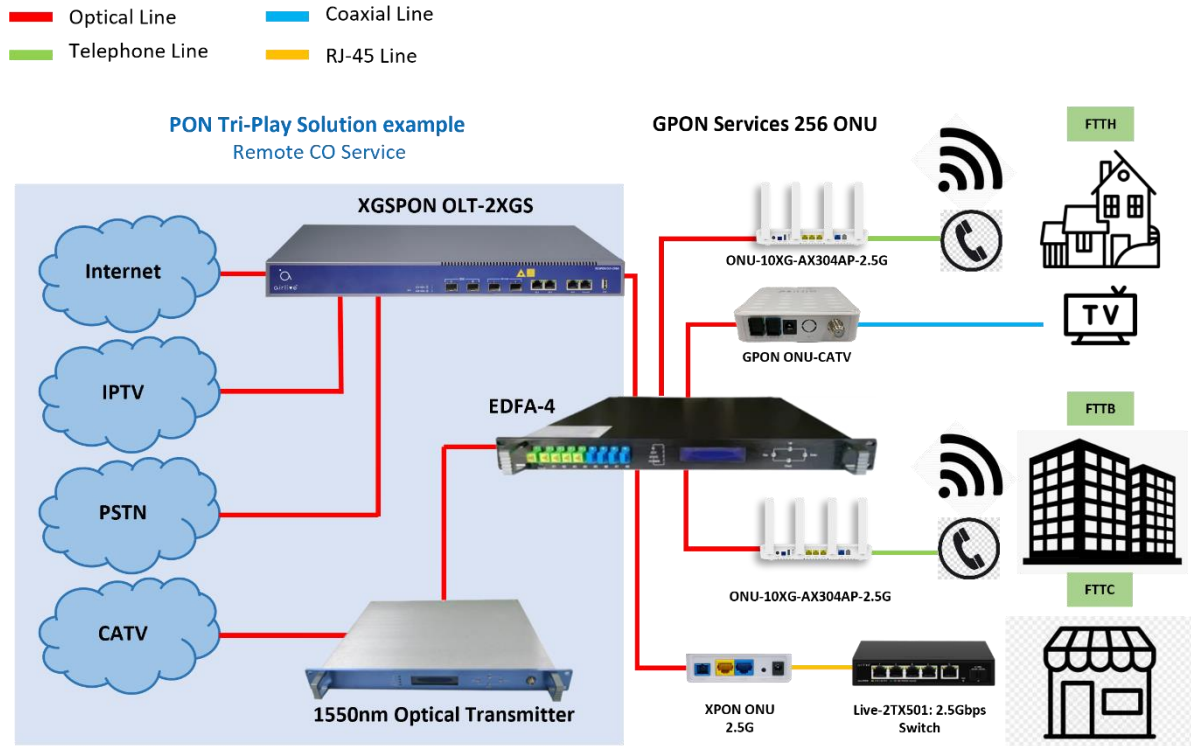


Figure 2. Application Chart (not all ONU's work with OLT-2XGS)

1.3 Panel Lights



Figure 3. Panel Lights

LED	Mark	Status	Description
System	SYS	On / Off	System is booting or halt.
		Blink	System is running normally.
Power	PWR1-2	On	Device is Powered up.
		Off	Device is Powered down.
USB	USB	On	USB device is connected.
		Off	USB device is not connected.
Registration	PON1-2	On	at least one ONU has registered to this PON port.
		Off	No ONU registered to this PON port.
Interface	GE/10GE 1-2	On	Port is link up.
		Off	Port is link down.
	GE3-4 AUX	On	Yellow on: Port is link up.
		Off	Yellow off: Port is link down.
		Blink	Green blink: Port is sending or/and receiving data.

Table 1. Panel Lights

1.4 Interface/button Panel



Figure 4. Interface/button Panel

Name	Function
RST	Hold the RESET button: Reboot the system (1-10 seconds). Restore default account and IP (>10 seconds).
PON1-2	Connect to ONU by optical module and SC type fiber or splitter.
GE/10GE 1-2	Connect to 1G SFP / 10G SFP+ module. After that connect to uplink device by fiber.
GE3-4	Connect to uplink device by Cat5 cable, RJ-45 connector.
AUX	Connect to PC by Cat5 cable for out-band management.
Console	Connect to PC by OLT serial cable for CLI management.
USB-COM	Connect to PC by USB TYPE-C cable for CLI management.
USB	Connect to USB device for some upgrade/debug operations.

Table 2. Interface / button Panel

2. Packing List

Contents	Quantity	Contents	Quantity
OLT-2XGS	1 pcs	Power cable	1 pcs
Installation Guide	1 pcs	Ground wire	1 pcs

3. Hardware Installation

Installation Environment Requirements

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

- Confirm that there is sufficient space for OLT installation to facilitate cooling the device.
- OLT is suitable for working at temperatures ranging from -20 °C to 60 °C and humidity ranging from 10% to 85%.
- OLT workplace should avoid high-frequency interference from radio transmitters, radar stations, and 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 a smooth surface or mount.
 - There is enough space around the device 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.
3. The default login of the OLT-2XGS is IP:192.168.8.200, Username: admin, Password: Xpon@Olt9417#