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airlive®
1004-10G
Managed Switch
Smart Network
Solution

airLive 1004-10G Managed Switch Smart Network Solution Installation Guide

Contents

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airLive 1004-10G Managed Switch Smart Network Solution

Specifications

- Model: AirLive ONU-10XG(S)-1004-10G
- Speed: 10G DL / 2.5G UL

- Interface: LAN1-5, PON, USB 3.0
- Power: DC 12V, 1A
- Operating Temperature: -5°C to 55°C
- Operating Humidity: 10% to 90%

FAQs

Q: What do the different panel lights indicate?

A: The panel lights indicate various statuses such as power, registration, WAN connection, and interface status. Refer to the user manual for detailed descriptions of each light status.

Indicator and Interface Description

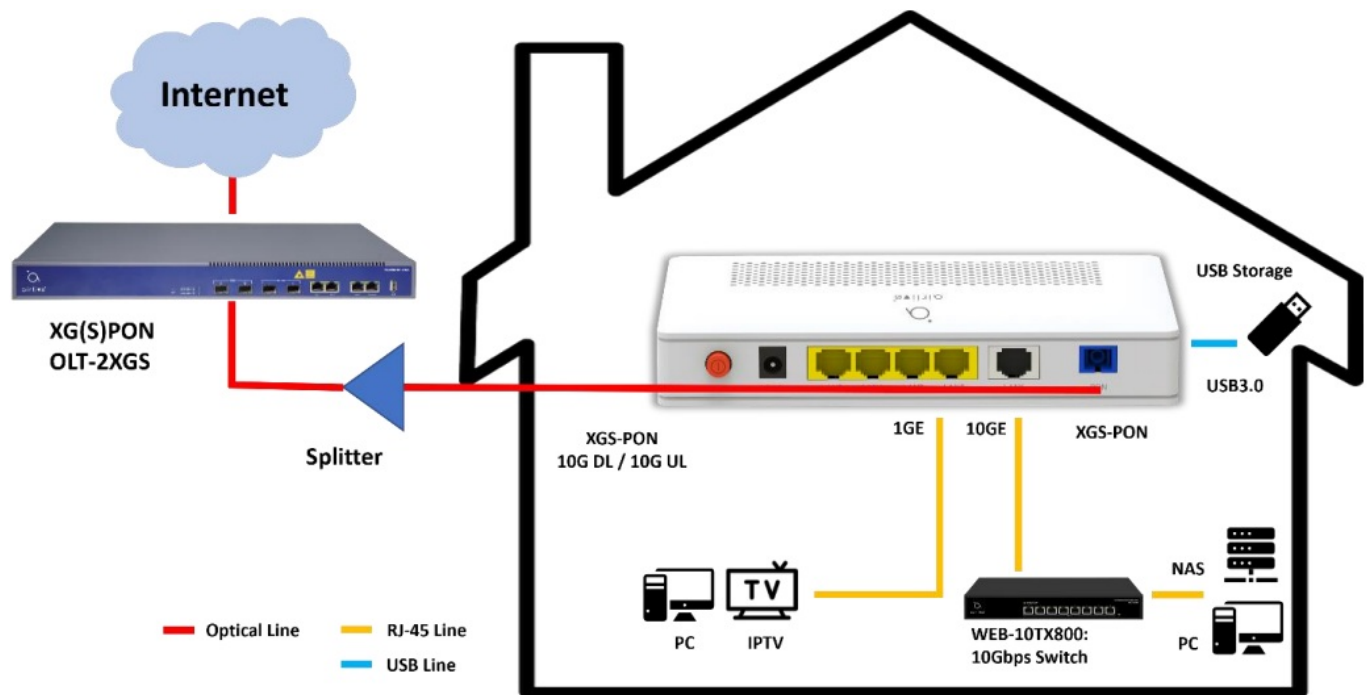### Product Picture

Figure 1. ONU-10XG(S)-1004-10G

Application Chart

Figure 2. Application Chart

(when using XG model the speed will be 10G DL / 2.5G UL)

Panel Lights

Figure 3. Panel Lights

LED	Mark	Status	Description
Power	PWR	On	The device is powered up.
		Off	The device is powered down.

		On	The device is registered to the PON system.
Registration	PON	Off	The device is not registered to the PON system.
		Blink	The device is registering.
Optical signal	LOS	Off	The device has received an optical signal.
		Blink	The device does not receive an optical signal.
WAN	WAN	On	The WAN connection is up.
		Off	The WAN connection is down.
Interface	LAN1-5	On	The Port is connected properly (LINK).
		Off	The Port is not connected properly.
		Blink	Port is sending or/and receiving data (ACT).
USB	USB	On	The USB device is connected but without ongoing data transmission.
		Off	The device is powered off or USB device is not connected.
		Blink	USB is with ongoing data transmission.

Interface/Button Panel

Name	Function
ON/OFF	Power switch.
DC 12V	Connect with the power adapter. DC 12V, 1A.
LAN1-5	The silver LAN1 is a 10GE port and the yellow LAN2~5 are 1GE ports. Connect PC or other devices to GE port by Cat5 cable, RJ-45 connector. And connect to the 10GE port by Cat6a cable, RJ-45 connector.
PON	Connect to OLT by SC type fiber connector, single mode optical fiber cable.
RST	Press the RST button over 10 seconds, and ONU restores the factory default and reboots.
USB 3.0	External USB port, connect to USB storage device.

Packing List

Contents	Quantity	Contents	Quantity
10G-XG/XGS-PON ONU	1 pcs	Power adapter	1 pcs
Installation Guide	1 pcs	Network cable	1 pcs

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 ℃ to 55 ℃ and humidity ranging from 10% to 90%.
- ONU workplaces should avoid high-frequency interference from radio transmitters, radar stations, and power equipment.

Equipment Installation

- 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.

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 mounting 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.

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

Documents / Resources

AirLive ONU-10XG(S)-1004-10G Quick Installation Guide V1.0 airlive°	**airLive 1004-10G Managed Switch Smart Network Solution** [pdf] Installation Guide 1004-10G Managed Switch Smart Network Solution, 1004-10G, Managed Switch Smart Network Solution, Switch Smart Network Solution, Smart Network Solution, Network Solution, Solution

References

- **User Manual**