

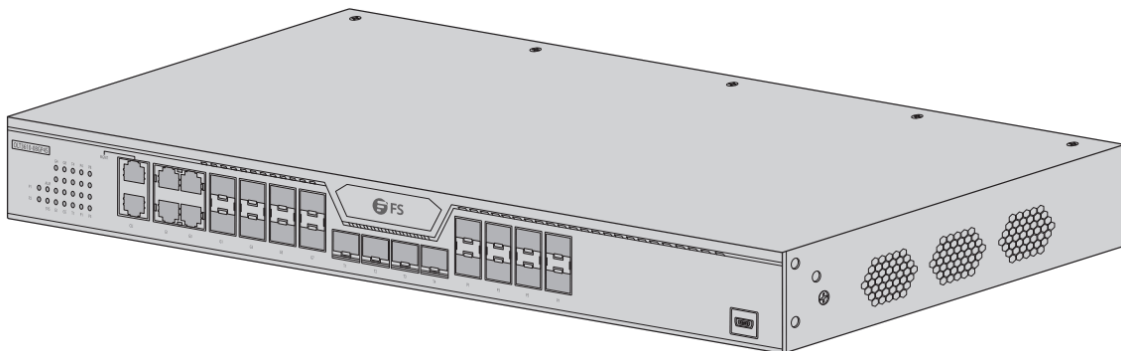


FS OLT3610 8-Port GPON OLT with 4 x Gigabit Combo User Guide

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OLT3610 8-Port GPON OLT with 4 x Gigabit Combo User Guide

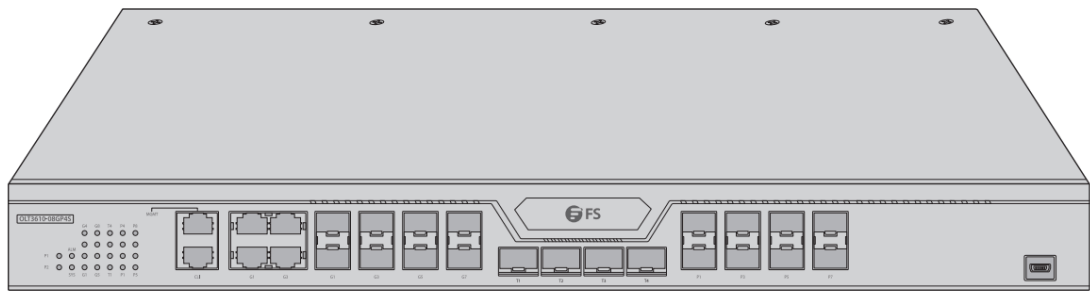


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Introduction

Thank you for choosing OLT3610-08GP4S GPON. This guide is designed to familiarize you with the layout of the GPON OLT and describes how to deploy it in your network.



OLT3610-08GP4S

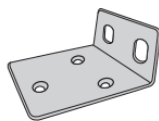
Accessories



Power Cord x1



CLI Cable x1



Mounting Bracket x2



Screw x6

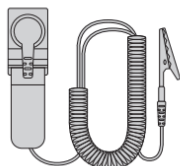


Plastic Pad x4

Optional(Not Included)



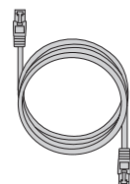
Screwdriver



Static-proof wristband



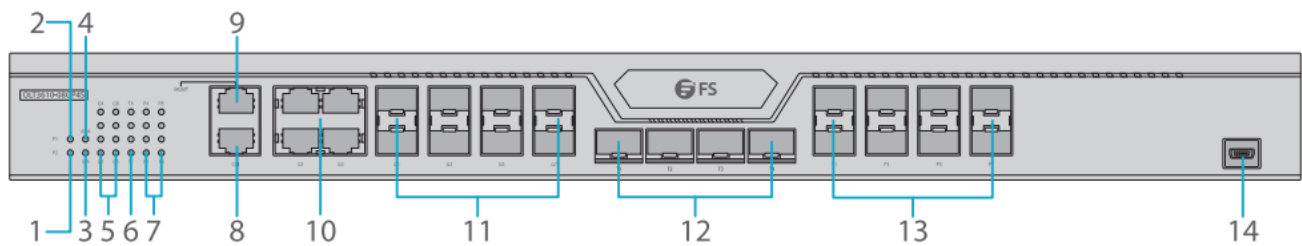
Bolt



Ethernet Cable

Hardware Overview

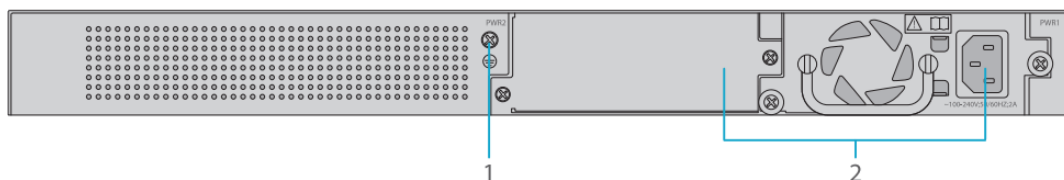
Front Panel



No	LED	Description
1	P1	Power indicator 1:When PWR1 supplies power, the indicator is on.
2	P2	Power indicator 2: When PWR2 supplies power, the indicator is on.
3	SYS	System indicator: If the indicator is always on, the system is being started; If the indicator flickers, the system works normally.
4	ALM	Alarm indicator: If the indicator is off, the system works normally; If the indicator is always on and the temperature of the device is over high, please check the device.
5	G1-G8	ACT/link indicators of each Gigabit port: If the indicator is always on, the link on the port is normal. If the indicator flickers, there is data transmission through the port.
6	T1-T4	ACT/link indicators of each IOGE port: If the indicator is always on, the link on the port is normal; If the indicator flickers, there is data transmission through the port.
7	P1-P8	ACT/link indicators of each PON port If the indicator is always on, the port is connected to ONU; If the indicator flickers, there is data transmission through the port

No	LED	Description
8	CLI	CLI port: Manages GPON access device locally
9	MGMT	Management port: 100M external management port Realizes the upgrade of the GPON access device
10	G1-G4	Gigabit TX ports: Forwards the 1000M Ethernet electric signals
11	G1-G8	Gigabit SFP ports: Forwards the 1000M Ethernet optical signals
12	T1 T4	10GE SFP+ ports: Forwards the 10000M Ethernet optical signals
13	P1-P8	Gigabit OLT PON ports: Realizes the access of GPON ONU
14	/	PON debug serial port

Back Panel



No.	Description
1	Grounding point.
2	P1/P2 power socket: AC100-240V, for Power1/Power2.

Installation Requirements

Safety Recommendations

- Keep clean and dust-free during or after the installation.
- Put the cover of the GPON at a safe place.
- Put tools at a right place where they will not easily fall down.
- Pay attention to the dress code when installing. Avoid damage to the GPON caused by improperly dressed.
- Put on the protective glasses if the installation environment may cause damage to eyes.
- Avoid improper operations that may cause personal injury or damage to the equipment.

Safety Principles for Live Working

If you operate devices under live working, please follow the safety principles:

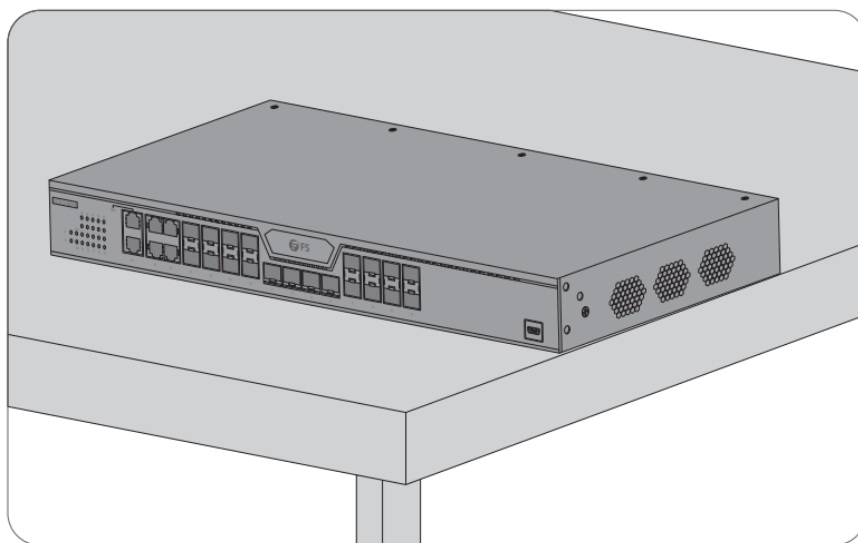
- Put off ornaments.
- Pull out the AC power cord and close the direct-current power before operating on the chassis or working beside the power supply.
- Do not touch the power when power is on.
- Connect the device and the power socket correctly.
- Only professionals are allowed to operate and maintain the device.

Site Environment

- Make sure that the installation site is well-ventilated and the heat of electrical devices is well-discharged.
- Make sure the temperature of installation site is maintain. at 0-50°C.
- Follow the electrostatic discharge prevention procedure.
- Put the chassis at a place where cool air can blow off the heat inside the chassis.

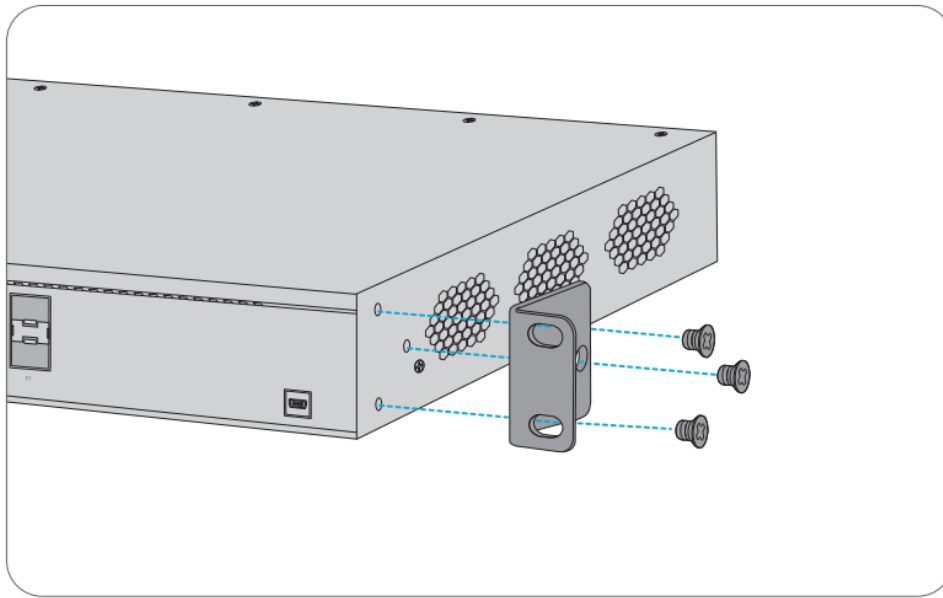
Installation

Desk Mounting

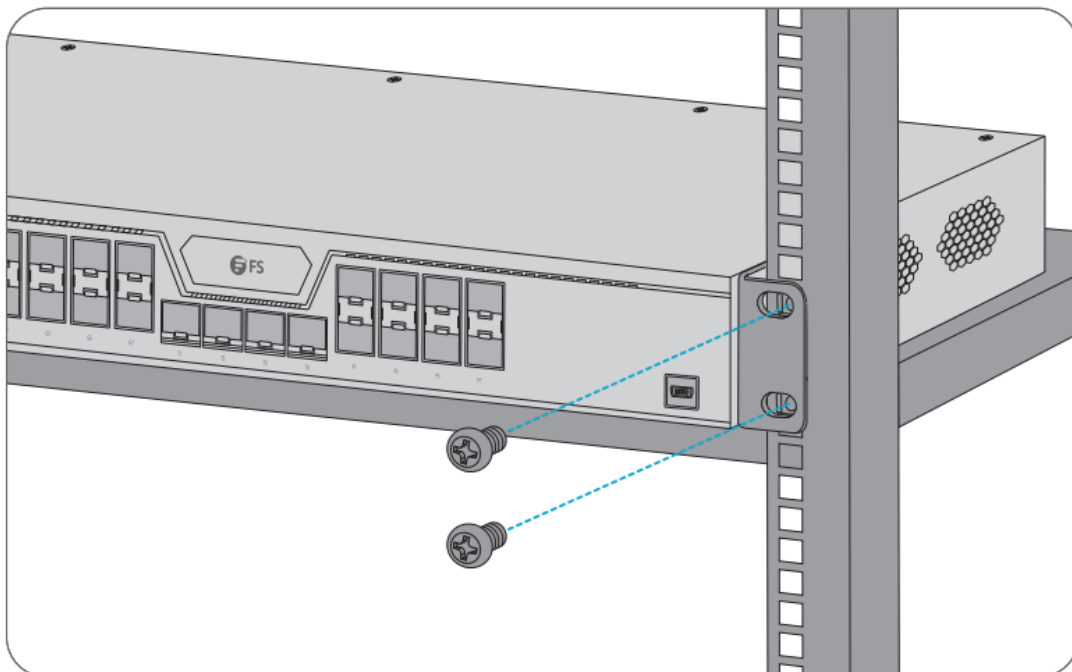


Put the GPON on a smooth and safe desk directly.

Rack Mounting

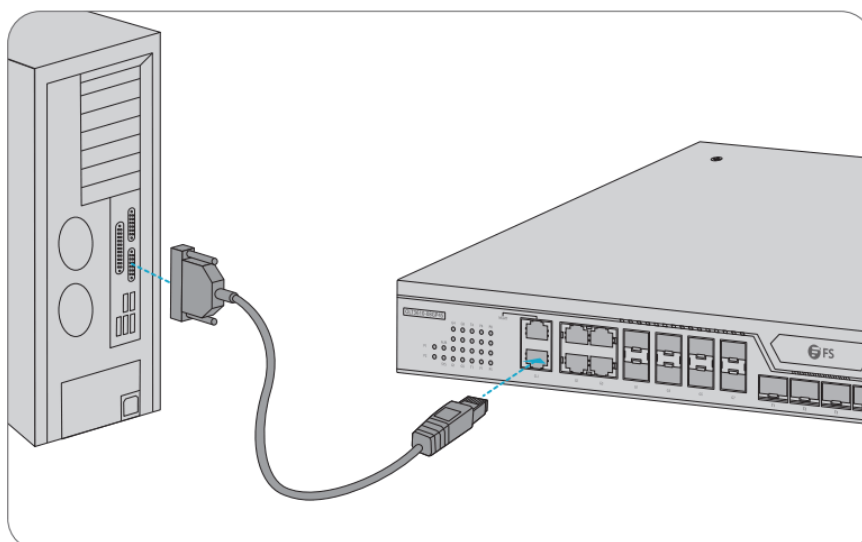


1. Fix the mounting bracket to both sides of the GPON with screws.



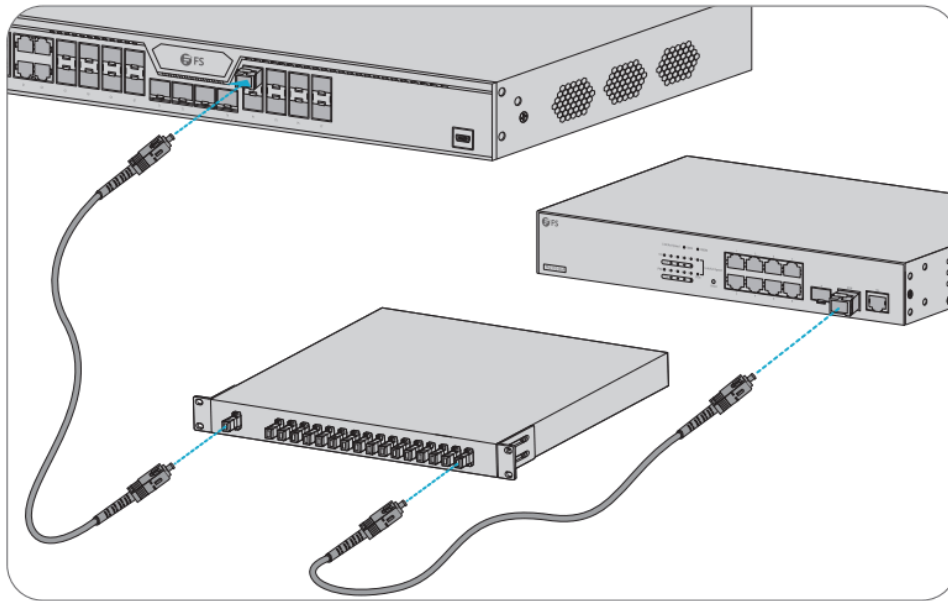
2. Mount the GPON on a rack by fixing the mounting bracket to the rack.

Connecting the CLI Port



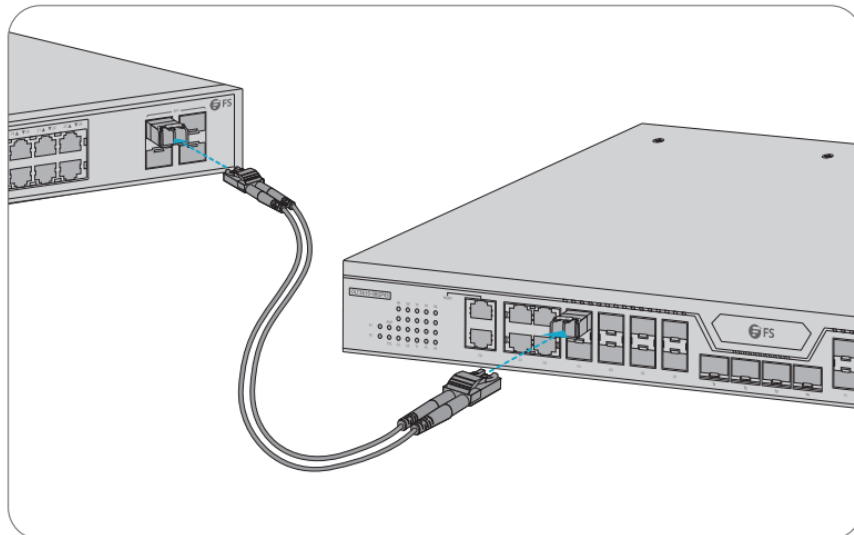
1. Insert the corresponding end of the CLI cable into the CLI port of the GPON.
2. Insert the other end of the CLI cable into the corresponding port of a computer host.

Connecting Ethernet Gigabit SFP Port



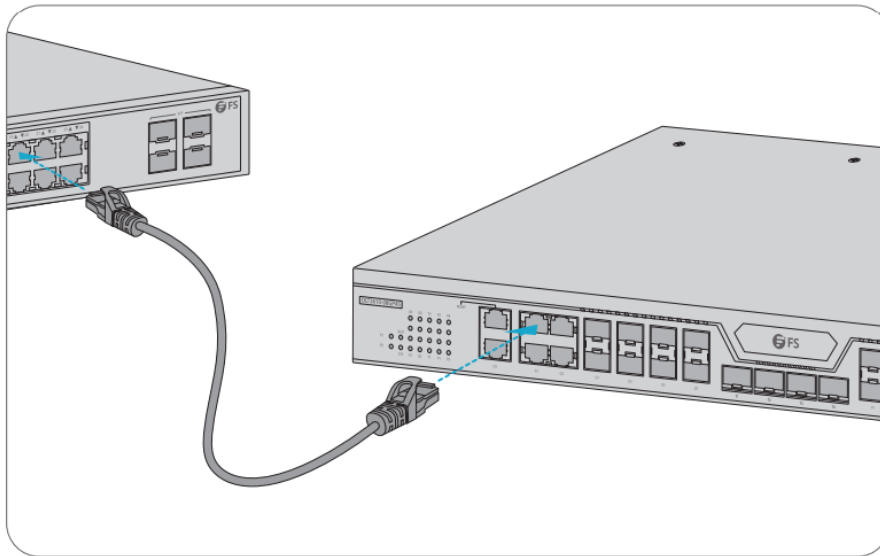
1. Insert a GPON optical module into the SFP port(P1-P8) of the GPON.
2. Connect the optical module to an optical splitter with a single-mode SC optical fiber cable.
3. Then connect the splitter to an ONU with a fiber cable.

Connecting Ethernet Gigabit SFP Port



1. Insert a SFP optical module into the SFP port (61-G8) of the GPON.
2. Connect the optical module to a switch or other Ethernet terminal devices with a fiber cable.

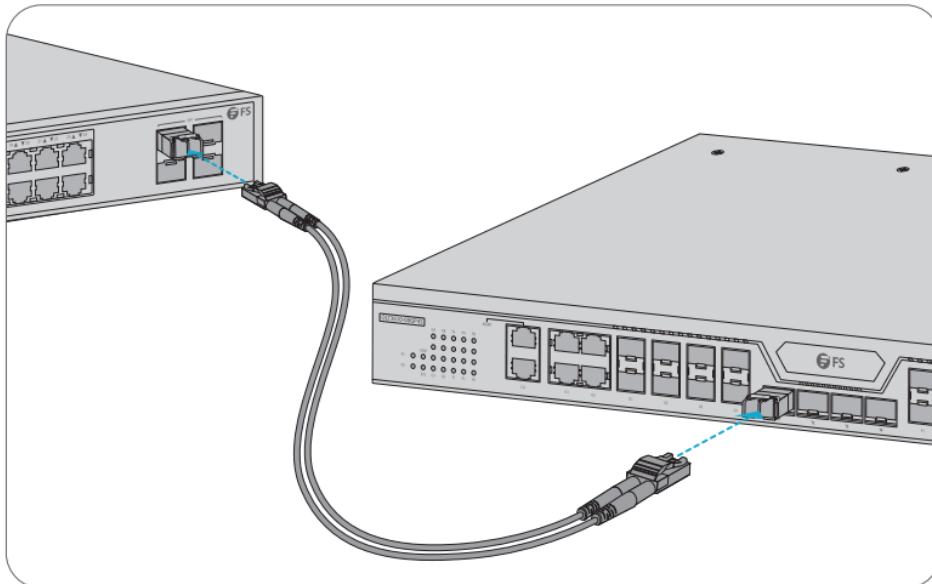
Connecting Gigabit Ethernet TX Port



Connect the the TX port(G1-G4) of the GPON to a switch or other Ethernet terminal devices with a direct-through or cross Ethernet cable.



NOTE: When the ports (G1-.) are used as the TX ports, they cannot be used as the optical
Connecting IOGE SFP+ Port



1. Insert a SFP+ optical module into the SFP+ port(T1,14) of the GPON.
2. Connect the optical module to a switch or other Ethernet terminal devices with a fiber cable.

Troubleshooting

- If the GPON access device is too hot, check whether the air outlet and air inlet are clean.
- If the GPON access device cannot be started and the Power indicator is off, check the power.
- If the port of the GPON access device cannot be linked, check whether the cable is correctly connected and whether the peer connection is normal.
- If the CU port does not work after the system is started up, check whether the CLI port is set to a baud rate of 115200 bps, 8 data bits, no sum check bit, one stop bit and no traffic control.

Online Resources

- Download <https://www.fs.com/productssupport.html>

- Help Center <https://www.fs.com/serviceffssupport.html>
- Contact Us <https://www.fs.com/contactus.html>

Product Warranty

FS ensures our customers that any damage or faulty items due to our workmanship, we will offer a free return within 30 days from the day you receive your goods. This occludes any custom made items or tailored solutions.



Warranty: The GPON OLT enjoys 2 years limited warranty against defect in materials or workmanship. For more details about warranty, Please check at, <https://www.f&com/policies/warrantyhtml>











Return: If you want to return item(s), Information on how to return can be found at: https://www.com/policies/day_return_policyhtml



Documents / Resources

 <p>OLT3610-8PORTS GPON OLT OLT3610 OLT3610-8</p> <p>Quick Start Guide 608 Quick Start Guide 608 Quick Start Guide 608</p>	<p>FS OLT3610 8-Port GPON OLT with 4 x Gigabit Combo [pdf] User Guide OLT3610 8-Port GPON OLT with 4 Gigabit Combo, OLT3610, 8-Port GPON OLT with 4 Gigabit Combo, 4 Gigabit Combo</p>
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References

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