

Installation Guide

EasyPoE Series Essential PoE Switch

The images in this guide are for demonstration only and may differ from your actual product.

Installation Requirements

Before Installation, make sure that you have the following conditions ready:

- Phillips screwdriver, straight screwdriver, diagonal plier, binding straps and related tools.
- With a minimum of 1U height available.
- Category 5e or higher RJ45 Ethernet cables for connecting network devices.

Site Environment

- Make sure the temperature of the installation site is maintained at 0°C ~ 40°C.
- Make sure that the relative humidity of the installation site is maintained at 10% ~ 90%.
- The installation site must be free from leaking, dripping water or heavy dew.
- Keep the installation site dust-free
- The installation site must be well-ventilated. Ensure that there is adequate airflow around the switch
- Be sure that the switch is level and stable to avoid any hazardous conditions
- Ensure that the rack and working platforms are well-earthed.

Precautions

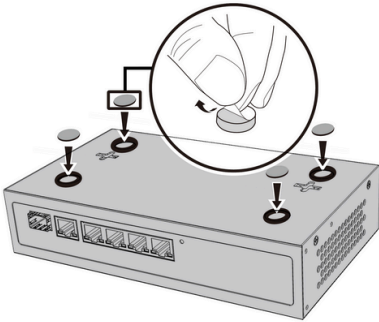
- Ensure that the AC power socket is single-phase and the three-core with protective earth conductors(PE).
- Never stare at an optical port for protecting your eyes.
- The switches should be located far away from the large power radio or radar launch pads and high-frequency large-current devices.
- Route cables only indoors to prevent signal ports from damages caused by over-voltage or over-current.
- Do not place anything on the switches. Do not stack the device.

Mounting the Switch

Switches support a variety of installation methods, desktop, wall mount, rack mount, please install according to the actual environmental requirements.

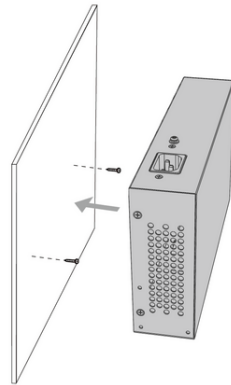
Desktop:

Attach the supplied rubber feet to the bottom of the switch to prevent it from slipping when placed on a desktop.



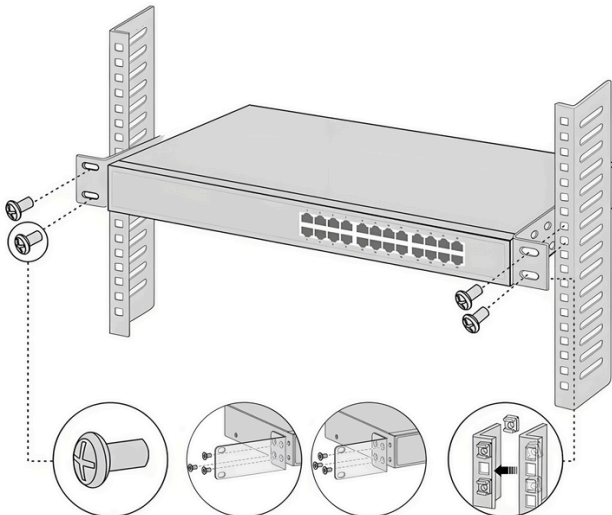
Wall-mounting:

Drill two holes on the wall according to the mounting holes on the bottom of the switch, then secure the switch to the wall with two suitable screws (not provided).



Rack Mounting:

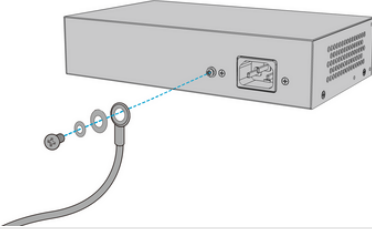
1. Secure the mounting brackets to both sides of the switch with the screws.
2. Position the mounting brackets on the rack. Gently push the switch along the guide rail into the rack and fasten the mounting brackets with M6 screws and cage nuts.



Connecting the Switch

Grounding the Switch

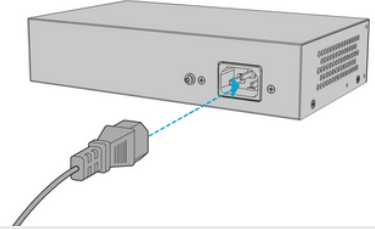
1. Connect one end of the grounding cable to a proper earth ground, such as the rack in which the switch is mounted.
2. Secure the grounding lug to the grounding point on the back panel with the screw and washers.



CAUTION: 1. The earth connection must not be removed unless all supply connections have been disconnected.
2. During the installation, connect the ground cable first and disconnect it last.

Connecting the Power

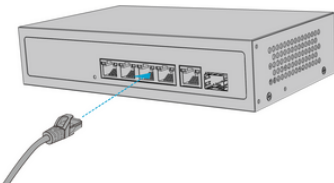
1. Plug the AC power cord into the power port on the back of the switch.
2. Connect the other end of the power cord to an AC power source.



WARNING: Do not install the power cord while the power on.

Connecting the RJ45 Ports

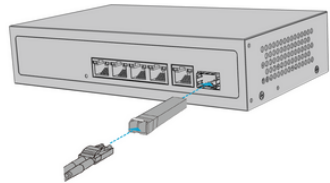
1. Connect one end of an Ethernet cable to the RJ45 port of the switch
2. Connect the other end of the Ethernet cable to another Network device.



NOTE: 1. The PoE ports can also connect to non-PoE devices, but only transmit data.
2. The PoE Ports shall not be used to charge lithium batteries or devices supplied by lithium batteries.
3. The uplink port typically connect to uplink devices like routers/gateways/NVRs.

Connecting the SFP Ports

1. Plug the compatible SFP transceiver into the SFP port.
2. Connect a fiber optic cable to the fiber transceiver. Then connect the other end of the cable to a fiber device.



NOTE: 1. The combo port consists of one RJ45 port and one SFP slot, which can not be used simultaneously.
2. The SFP slots needs to work with a matching the data rate module.

Check the LEDs

LEDs	Description
PWR	Solid green: The switch is powered on and operating normally Off: Power is not supplied to the switch
100M RJ45	Solid green: Link on this port.
1000M RJ45/SFP	Blinking: The port is receiving or transmitting data. Off: The port is not linked.
2.5G RJ45	Solid green: 2.5Gbps link on this port. Solid yellow: 10/100/1000Mbps link on this port. Blinking: The port is receiving or transmitting data. Off: The port is not linked.
10G SFP+	SFP-R Solid green: 10Gbps link on this port. SFP-L Solid green: 10/100/1000M/2.5Gbps link on this port. Blinking: The port is receiving or transmitting data. Off: The port is not linked.

Trouble Shooting

Please follow the steps if the equipment has trouble

- Make sure the equipment is installed according to the manufactures installation guide.
- Confirm RJ45 cable order meets EIA/TIA568A or 568B standard.
- Every PoE port can provide PoE equipment maximum power less than 30W, please do not connect the PoE equipment with power over 30W.
- Replace the equipment with a proper function PoE Ethernet Switch to check if the equipment is damaged.
- Please contact your vendor if troubles still exists.

Warranty

For details on the warranty period, policy, and procedures, visit <https://fiberroad.com/warranty>

For technical support, user guides and other information, please visit <https://fiberroad.com/contact-fiberroad-2/fiberroad-technical-support/>, or simply scan the QR code.

