

# **User Guide**

**8-Port Gigabit+2G SFP PoE Switch**

## Package Contents

### Check the following contents of your package:

- PoE Switch x 1
- User Guide x1
- Power Cord x1
- Accessories (Rubber Feet\*4)

If any part is lost or damaged, please contact your local agent immediately.

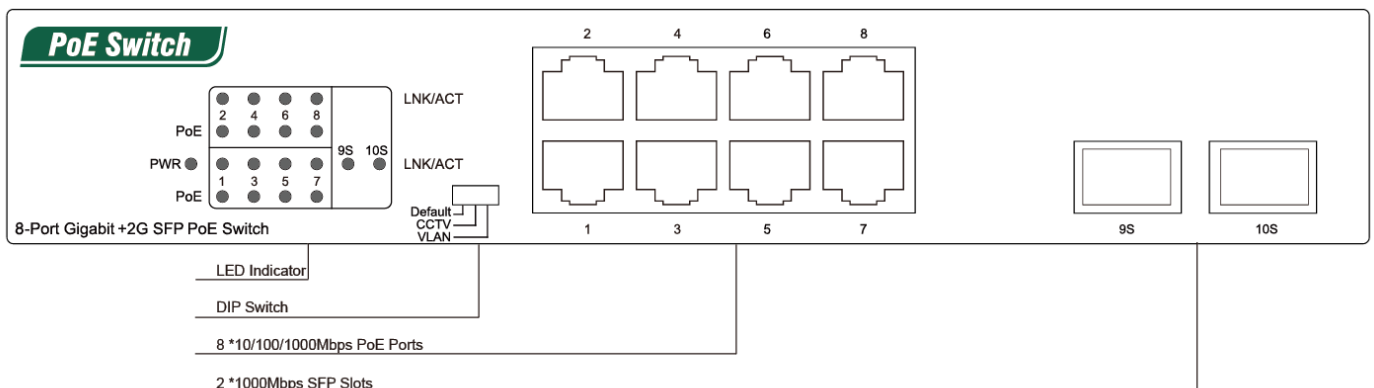
## Introduction

8-port Gigabit+2G SFP provides 8 x 10/100/1000Mbit/s adaptive RJ45 ports and 2 x 1000Mbit/s SFP ports. All RJ45 ports support wire speed forwarding and automatic flipping. No configuration is required and plug and play are required. Ports 1-8 have the PoE power supply function, which supports IEEE 802.3AF/AT standards and can serve as an Ethernet power supply device. It can automatically detect and identify electrical devices that meet the standards and supply power to them through network cables. Store-and-forward technology combined with dynamic memory allocation ensures efficient bandwidth allocation to each port.

## Hardware Description

### Front Panel

The Front Panel Consists of Ethernet Ports. The LED indicators are also located on the panel.



**Default:** indicates the factory Default mode. In this mode, ports 1 to 8 can communicate with each other properly.

**VLAN:** In VLAN isolation mode, ports 1 to 8 and 9/10 on the switch are divided into independent VLAN. Ports 1 to 8 can only communicate with ports 9 and 10. Ports 1 to 8 cannot communicate with each other to ensure network security. In this mode, connect 9/10 to the central switching device.

**CCTV:** 250 meters ultra-long-distance transmission, can solve the problem of long-distance transmission in network monitoring projects, can replace optical fiber and network extender, solve the problem of difficult access to power at the ultra-remote end, and reduce the cost of engineering wiring.

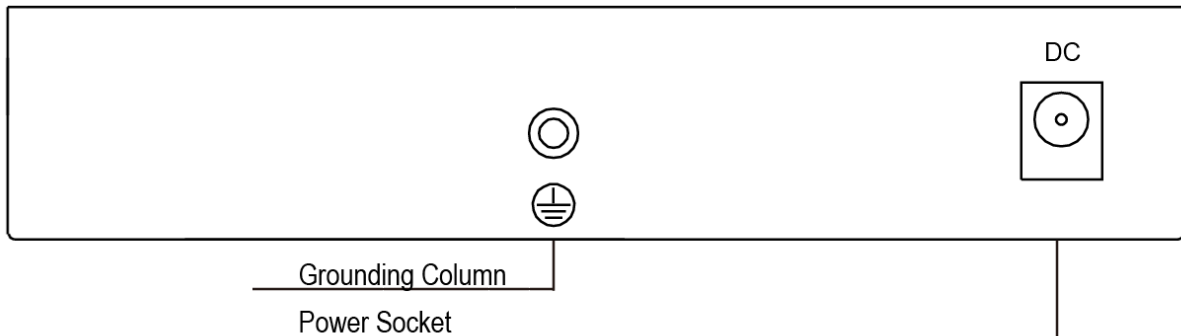
**Note:** After changing the mode, there is no need to restart manually to make the corresponding configuration take effect.

## LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the switch has power.
LNK/ACT	Green	Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully Established at 10/100/1000Mbps. Blink: Indicates that the Switch is actively sending or Receiving data over that port.
PoE	Orange	Off: No PoE powered device (PD) connected. Light: There is a PoE PD connected to be port, which Supply power successfully. Blink: Indicates port abnormal power supply.

## Rear Panel

The rear panel of the PoE Switch indicates an AC inlet power socket, which accepts input power from 100-240V AC, 50/60Hz.



## Power Socket

Connect the female connector of the power cord here, and the male connector to the AC (Alternating Current) power outlet. Please make sure the voltage of the power supply meets the requirement of the input voltage

## Grounding Column

The switch already comes with a lightning protection mechanism. You can also ground the switch through the PE (Protecting Earth) cable of AC cord or with Ground Cable.

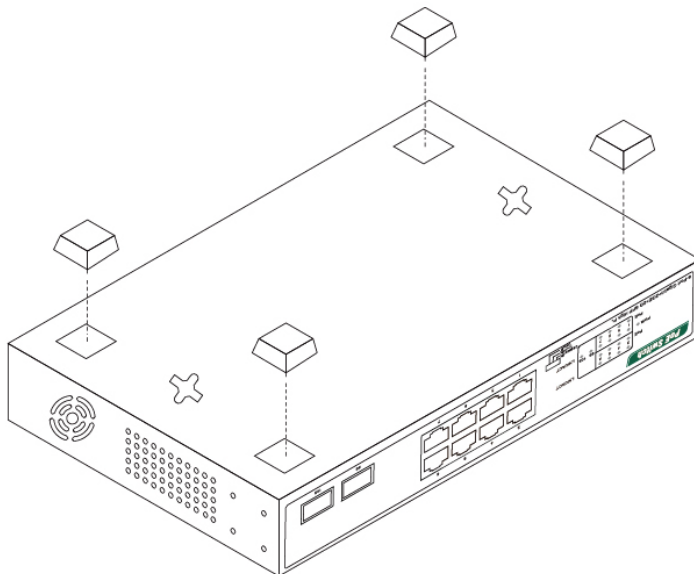
## Installation the Switch

This part describes how to install your Ethernet Switch and make connections to it. Please follow the following instructions in avoid incorrect installation causing device damage and security threat.

- Before cleaning the switch, unplug the power plug of the switch first. Do not clean the switch with wet cloth or liquid;
- Do not place the switch near water or any damp area. Prevent water or moisture from entering the switch chassis;
- Do not place the switch on an unstable case or desk. The switch might be damaged severely in case of a fall;
- Ensure proper ventilation of the equipment room and keep the ventilation vents of the switch free of obstruction;
- Make sure that the operating voltage is the same one labeled on the switch;
- Do not open the chassis while the switch is operating or when electrical hazards are present to avoid electrical shocks.

## Desktop Installation

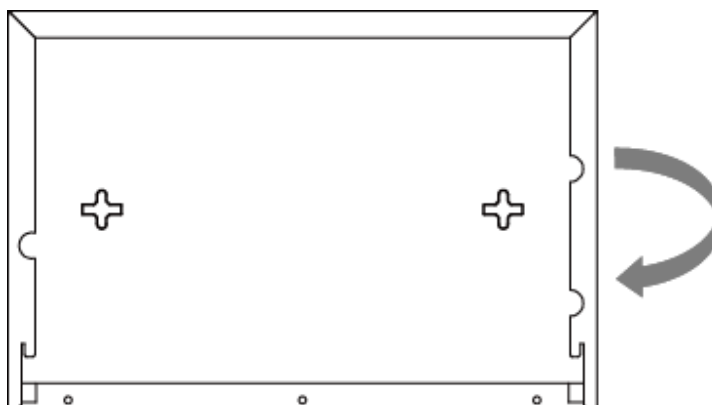
Install the Switch on a desktop, please attach these cushioning rubber feet provided on the bottom at each corner of the Switch in case of external vibration. Allow adequate space for ventilation between the device and the objects around it.



## Wall-mounted Installation

In the first two fixed screws on the wall as shown in the figure below

Aim at the two fixed hole switches, and the machine smoothly on the screw



## Turn on the switch

Please connect the AC power cord to the rear of the switch and to an electrical outlet (preferably one that is grounded). When the switch is powered on, the LED indicators flash momentarily for one second, which represents a resetting of the system. The Power LED indicator turns on green.

Note: Please confirm the voltage is correct before powering on, otherwise the switch will be damaged.

(The power input is:100V-240Vac, 50/60Hz.)

## Specifications

Model	8-Port Gigabit+2G SFP
Standard	IEEE 802.3、 IEEE 802.3u、 IEEE 802.3ab 、 IEEE 802.3i、 IEEE 802.3x、 IEEE 802.3af 、 IEEE 802.3at
Network Media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 1000BASE-T: UTP category 5e cable (≤100m)
MAC Address Table	4K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Packet Forward Speed	14.88Mbps
Switching Capacity	20G
Dimensions (L*W*H)	220 *150*44mm
Fan	1 Fan
Power Input	AC: 100~240V, 50/60Hz
PoE Port	Port1~8
PoE Power Budget	180W
Temperature	Operating Temperature: 0°C ~ 40 °C (32 °F ~104°F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~158°F)
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing