User Guide

8-Port Gigabit+1GE+1G SFP PoE Switch

Package Contents

Check the following contents of your package:

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

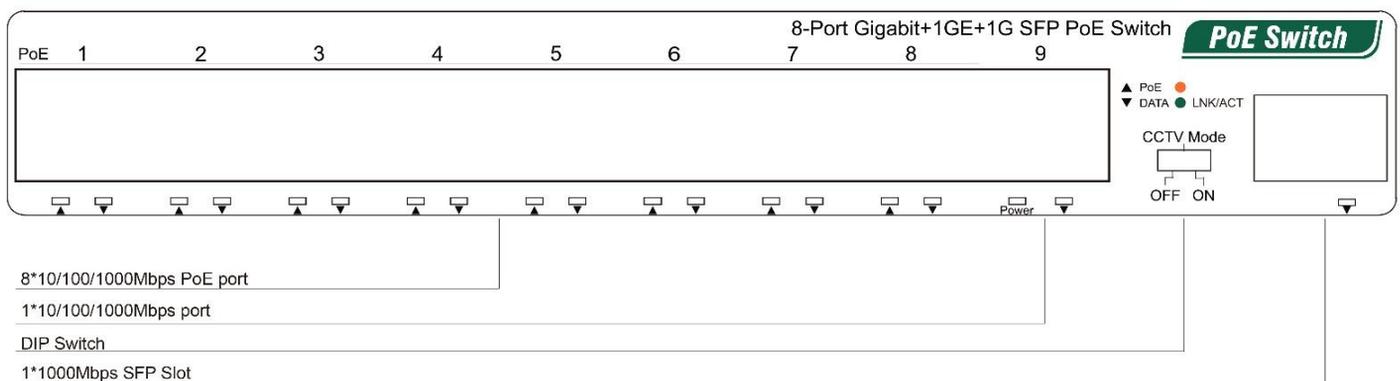If any part is lost and damaged, please contact your local agent immediately.

Introduction

8*10/100/1000Mbps provides the seamless network connection add 1 linked RJ45 gigabit port and 1 gigabit SFP port. The PoE ports (Port1~8) can automatically detect and supply power with those IEEE 802.3af/at compliant Powered Devices (PD). The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

It is easy to install and don't need to configuration. With CCTV function, it can transmit over a long distance of 250 meters. Users can choose to turn on or off CCTV function according to different application environment. It is easy to manage and maintain, and can meet the networking and access requirements of enterprise, community, hotel, office network and park network.

Hardware Description

Front Panel

The 8GE+1GE +1G SFP by 8*10/100/1000Mbps port and 1*1000Mbps port and1*1000Mbps SFP. The LED indicators are also located on the panel. as shown below:

CCTV Switch

The CCTV switch located on the left panel.

Default: the factory default mode, can normal communication between port 1~10.

CCTV mode: The CCTV mode, up to 250m PoE distance allows you to expand you network via Ethernet cable to where there is no power

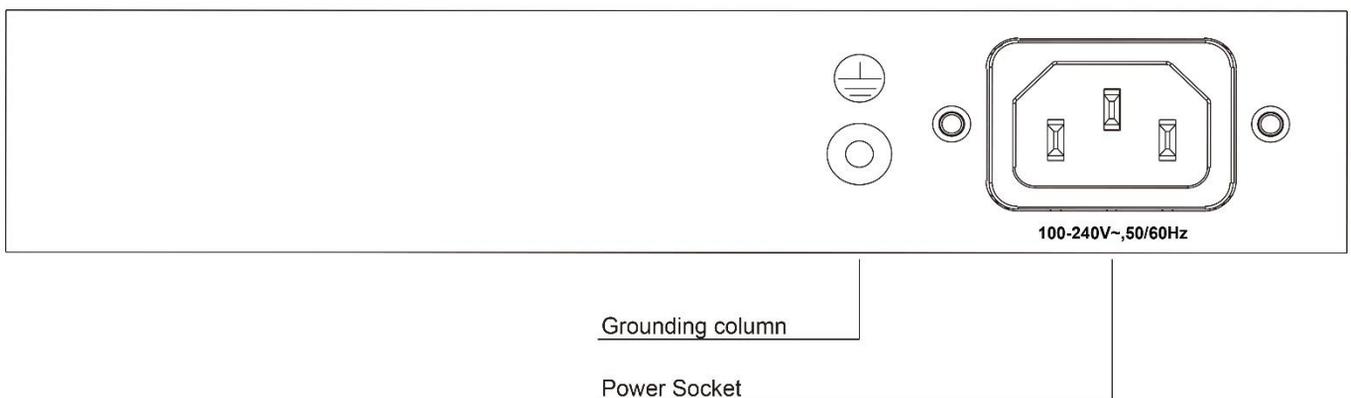Line or outlet but where you want to fix device such as IP Cameras.

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

LED indicator

LED	Color	Function
PWR	Orange	Off: No Power supply. Light: Indicates the switch has power.
LNK/ACT	Green	Off: No device is connected to the corresponding port. Light: The port connects to the network device 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

PoE Switch Rear panel have AC power interface, Grounding column

100-240V~,50/60Hz

Grounding column

Power Socket

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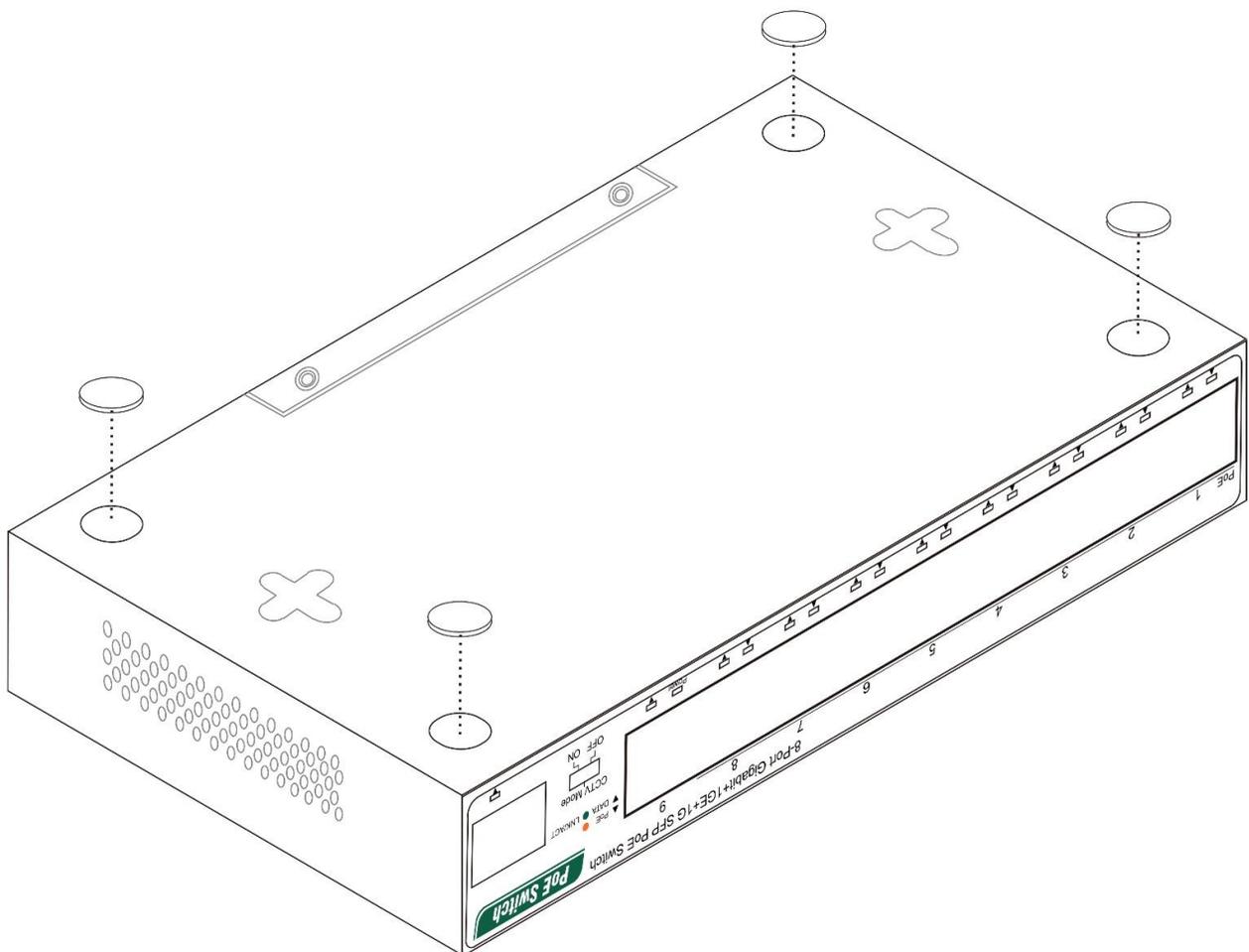
Installation the Switch

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

- Before cleaning the switch, please unplug the power plug of the switch. Do not use a damp cloth or liquid to clean the switch.
- 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.
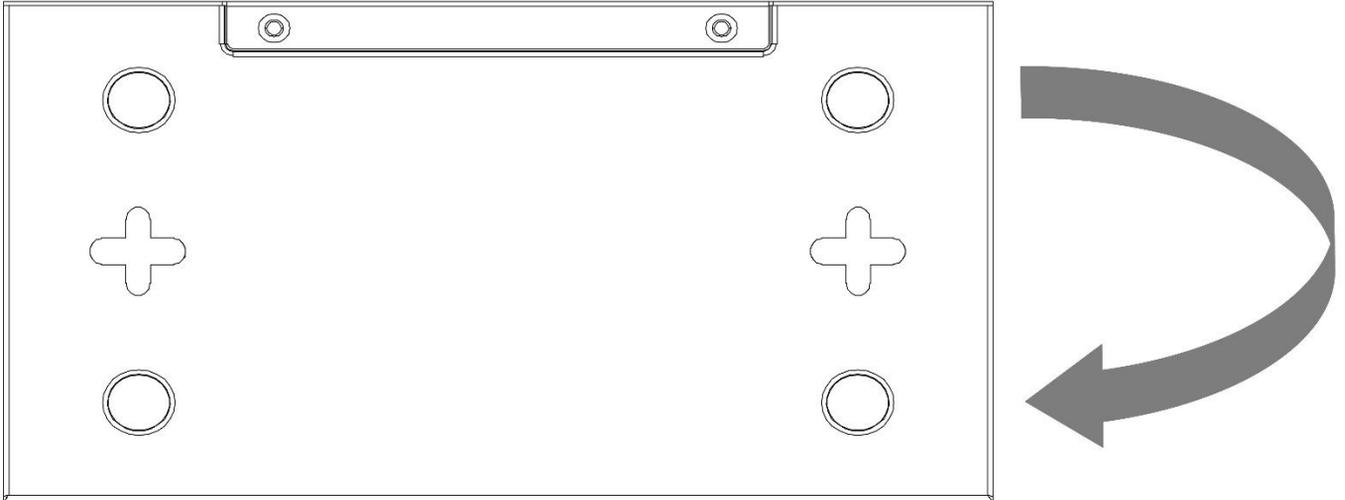
Desktop Installation

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 the external vibration. Allow adequate space for ventilation between the device and the objects around it.

Wall-mounted installation

In the first two fixed screw 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

The PoE switch can be used with AC power supply. Powering on the switch, it will automatically initialize and its LED indicators will respond as follows:

Firstly, the Power LED indicator will light up.

Then, the data LED indicators will flash momentarily for one second, which represents a resetting of the system.

Specifications

Model	8-Port Gigabit+1GE+1G SFP PoE Switch
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3i, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Network Media (Cable)	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 1000BASE-T: UTP category 5e cable (≤100m) 1000BASE-X: MMF, SMF
MAC Address Table	4K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port 1000Base-T: 1488095pps/ Port
Switching Capacity	20G
Dimensions (L*W*H)	168*86*32㎜
Function key	CCTV
Power Supply	65W
PoE total power	60W
PoE Port	Port1~8
PoE Power on RJ45	Mode A 1/2(+),3/6(-)
PoE Output	30W(Max)
Temperature	Operating Temperature: 0℃ ~ 40 ℃ Storage Temperature: -40 ℃ ~ 70 ℃
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing