

User Guide

24-Port 10/100Mbps+1G Combo+1GE PoE Switch

Package Contents

Check the following contents of your package:

- PoE Switch x 1
- User Guide x1
- Power Cord x1
- Accessories(Rack Mount Accessory Kit*2 ,Rubber Feet*4, screw*8)

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

Introduction

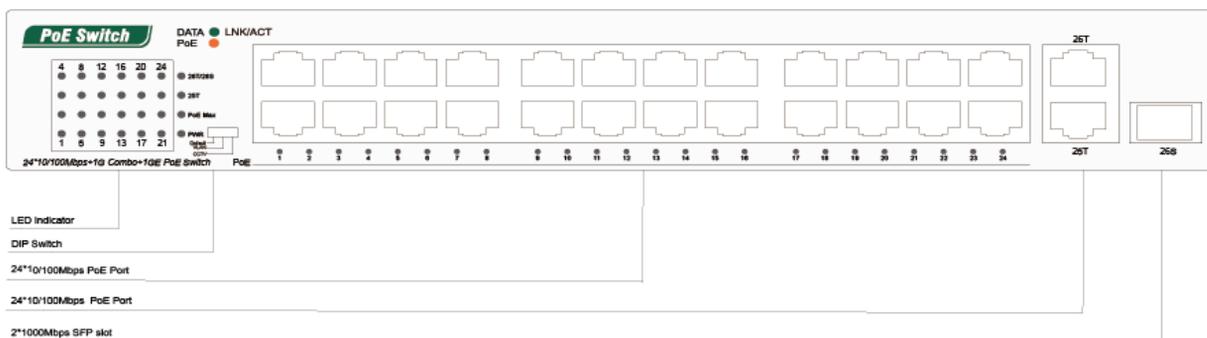
The 24FE(PoE) +1G Combo+1GE PoE Switch are Gigabit Uplink Unmanaged Switch which provides you with a high-performance, low-cost, easy-to-use, seamless and standard upgrade to boost your old network to 1000Mbps. Increase the speed of your network server and backbone connections, making Gigabit connection to a server or uplinking a network necessarily.

Its PoE ports 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

Hardware Description

Front Panel

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



DIP Switch

The DIP switch located on the left panel.

Default: the factory default mode, can normal communication between port 1~26.

VLAN: 1-24 port can be isolated each other but 1-24 port can connect to 25~26 port after open VLAN to stop broadcast storm to increase forwarding rate of frame.

CCTV mode: 1-24 port can be isolated each other but 1-24 port can connect to 25/26 port after open CCTV to stop broadcast storm to increase forwarding rate of frame. The CCTV mode, Up to 250m PoE distance allows you to It can solve the problem of long-distance transmission in network monitoring engineering and guarantee the security of network.

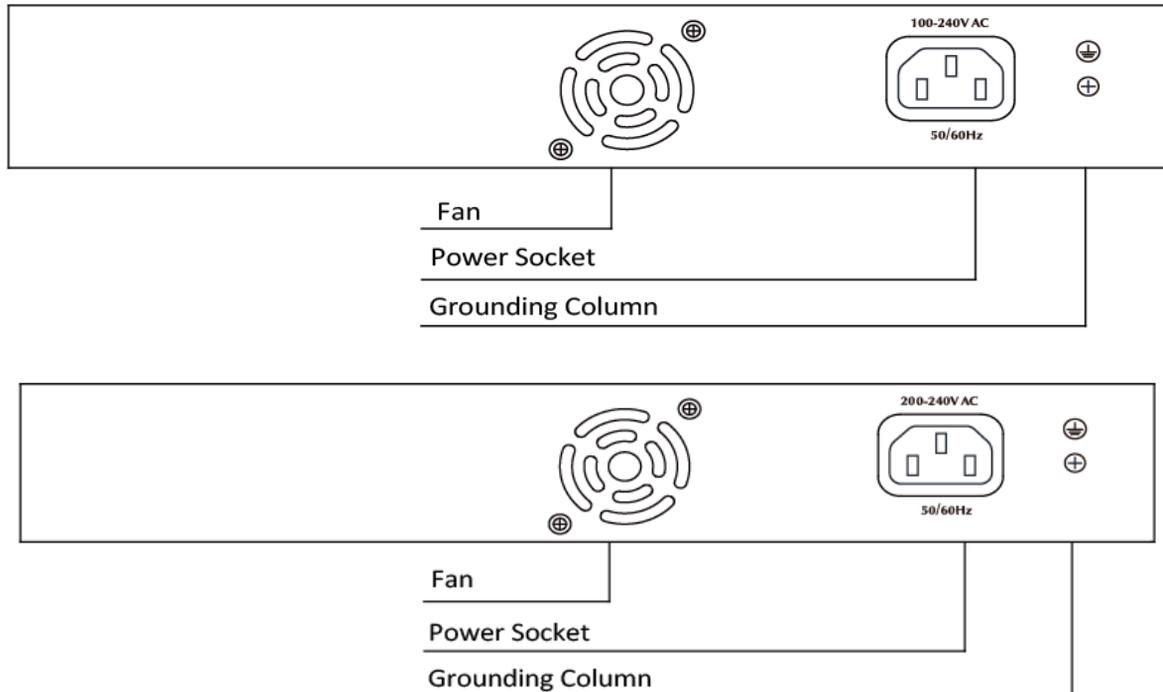
Note: After change the mode, there is no need to restart manually to make the corresponding configuration take effect.

LED indicator

LED	Color	Function
PWR	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 10/100Mbps. 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
Max	Green	Off: PoE power is less than 80% of total power. Light: PoE power above 80%.

Rear Panel

The rear panel of 24FE(PoE)+1G Combo+1GE PoE Switch indicates an AC inlet power socket, Grounding Column.



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, for safety consideration, You should ground the switch through the PE (Protecting Earth) cable by Grounding Column.

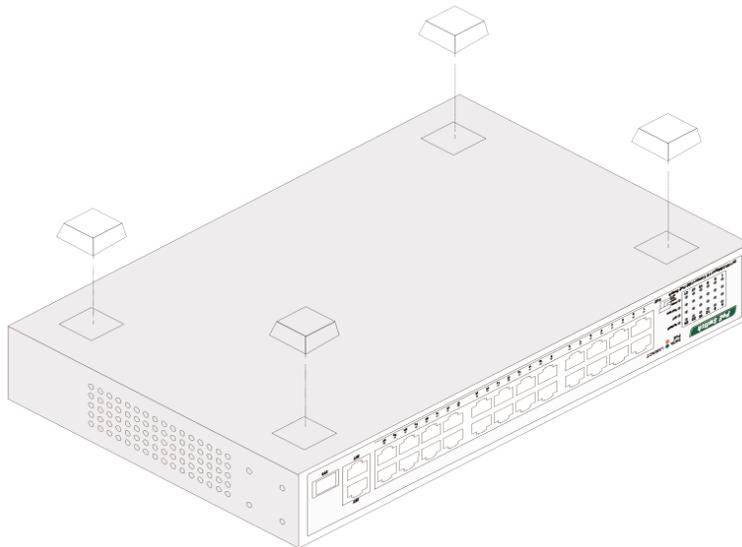
Installation the Switch

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, 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.

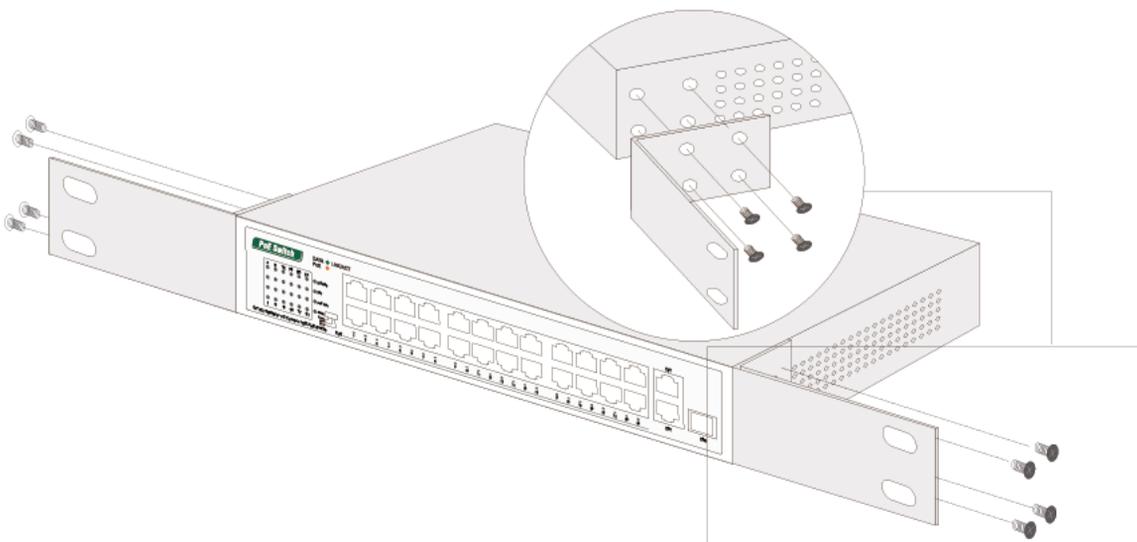
Desktop Installation

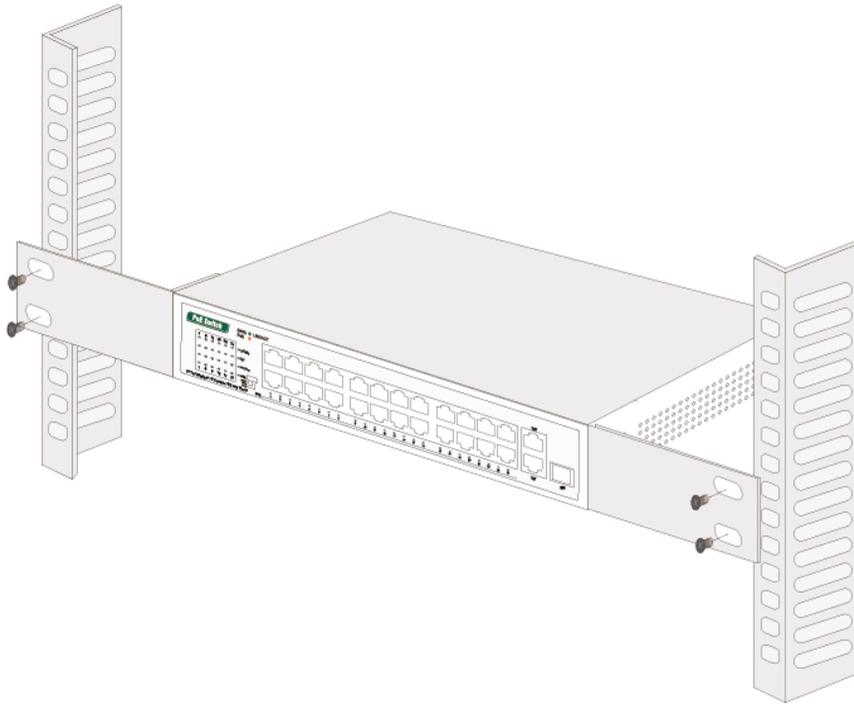
Install the Switch on a desktop, please attach these cushioning rubber feet provided on the bottom at each corner of the Switch in case of the external vibration. Allow adequate space for ventilation between the device and the objects around it.



Rack-mountable Installation

The switch is rack-mountable and can be installed on an EIA-19 inch equipment rack. To do this, first, please install the mounting brackets on the switch's side panels (one on each side), secure them with the included screws, and then use the screws provided with the equipment rack to mount the switch on the 19 inch rack.





Turn on the switch

Please connect the AC power cord into the rear of the switch and to an electrical outlet (preferably one that is grounded). When the switch is power 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 power on, otherwise the switch will be damaged.

Specifications

Model	24FE+1G Combo+1GE PoE Switch	
Standard	IEEE 802.3、IEEE 802.3u、IEEE 802.3z、IEEE 802.3x、IEEE802.3az、IEEE802.3ab、IEEE802.3af、IEEE802.3at	
Network Media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5,5e cable (≤100m) 1000BASE-T: UTP category 5e,6 cable (≤100m) 1000BASE-X: SMF, MMF	
MAC Address Table	16K, Auto-learning, Auto-aging	
Transfer mode	Store-and-Forward	
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port 1000Base-T/X: 1488095pps/Port	
Switching Capacity	8.8 Gbps	
PoE port	Port1-24	
PoE Power on RJ45	Mode A 1/2(+),3/6(-)	
PoE Power Output	Voltage: 55V DC Power: 32W(Max)	
Forwarding Rate	6.55Mpps	
Packet buffer	4M bit	
Dimensions (L*W*H)	280 * 180 * 44 mm	
Fan	1	
Power Input	AC: 200~240V, 50/60Hz	AC: 100-240V , 50/60Hz (Optional)
Power supply	240W	200W (Optional)
PoE Power Budget	225W	185W (Optional)
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	
Green energy saving	IEEE 802.3az	