

Full Gigabit PoE Switch

➤ User 's manual

S5800P-48G



1 Introduction

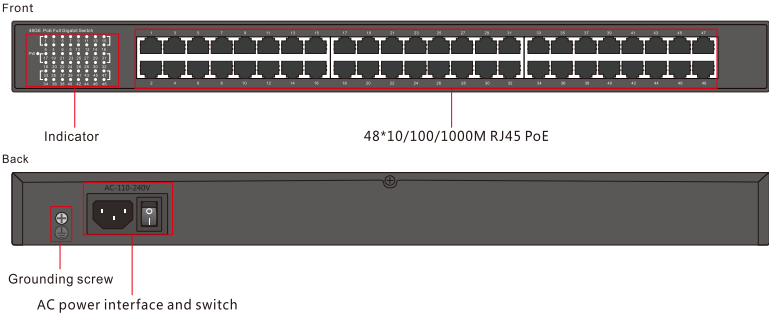
“S5800P-48G “The full Gigabit Ethernet PoE Switch has simple and convenient installation and maintenance means and rich business characteristics to help users create a safe and reliable high-performance network. This product can be widely used in data exchange fields such as home network, security monitoring and wireless networking.

Characteristic

- ◆ International Poe general standard IEEE802.3af/at PoE + + / HiPoE / BT, supporting full port standard detection function
- ◆ Support power supply for POE devices such as wireless access point (AP) and network monitoring camera through Cat 5 / Cat 6 Ethernet cable
- ◆ Flow control mode: full duplex adopts IEEE 802.3x standard, half duplex adopts back pressure standard
- ◆ Support port auto flip (Auto MDI/MDIX)
- ◆ Support port lightning protection (Level II lightning protection requirements)
- ◆ Store and forward switching mechanism is adopted
- ◆ All ports support line speed switching and support large frame transmission
- ◆ Zero configuration feature, automatically supplied to adaptive equipment
- ◆ Panel indicator light monitors working status and helps fault analysis

2 产品展示

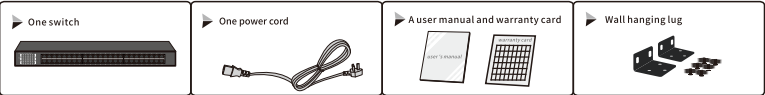
S5800P-48G , 48*10/100/1000M PoE



Indicator definition

Indicator		Sate	Description
Power indicator:PW		on	Power on
		off	Power off
Network indicator:1~48	orange	on	The corresponding port works at 10 / 100 / 1000M
		off	No data transmission on the corresponding port
	green	on	The corresponding port works at 10 / 100M
		off	No data transmission on the corresponding port

Product supporting list



⚠ PS:SFP models do not include optical modules by default. If you find any shortage or damage of accessories, please contact us in time

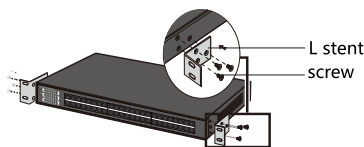
3 Installation and attentions

For the safe installation operation of switch,suggestion:

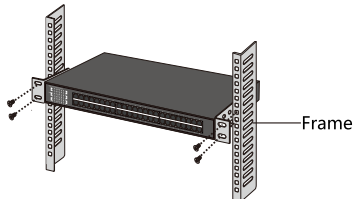
- Check up that the power wire is securely wrapped into the AC power connecto or not.
- Ensure the adequate heat dissipation and ventilation around the switch.
- Do not stack heavy objects on the switch.

Install to rack

1. check the grounding and stability of the frame
2. the two L brackets in the accessories are installed on both sides of the switch panel, and fixed by screws provided in the accessories, as 1.1.1.
3. will be placed in the appropriate position switch frame supported by a bracket.
4. fix the L bracket with the screw on the guide groove fixed on both ends of the frame to ensure that the switch is stably and horizontally mounted on the rack, as 1.1.2.



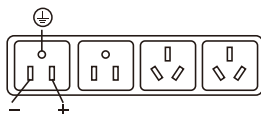
1.1.1



1.1.2

Power supply socket specification

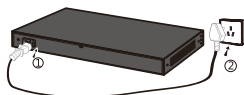
Switch power line single-phase three wire power socket, the middle foot to ground, The left foot on the right foot for the zero line and FireWire, please check before the operation.



1.2.1

Connect the power cord

1. check the selection of power supply and the switch marking requirements;
2. built-in power adapter, direct access to AC100~240V,50~60Hz city electricity can be; as 1.2.2.



1.2.2

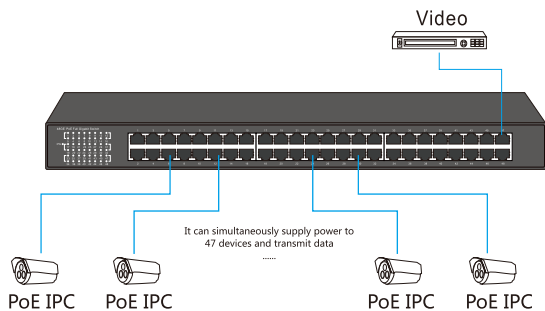
Inspection after installation

Please check the following items after installation:

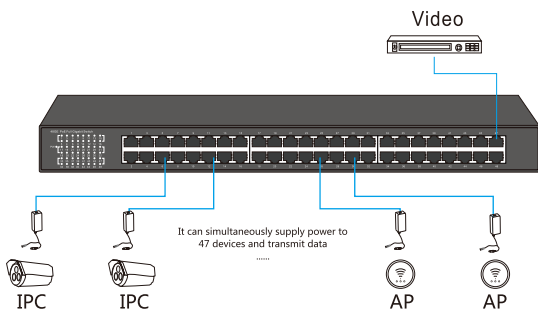
1. check whether there is enough space for heat exchange, air circulation is smooth;
2. check the power supply socket power supply switch is in accordance with the specifications;
3. check the power supply, switchboard, rack and other equipment have been properly grounded;

4 Product Application

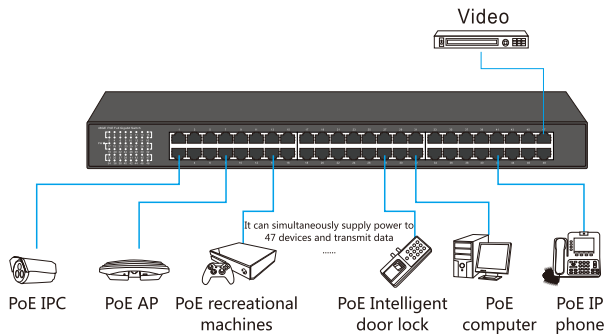
PLAN A



PLAN B



PLAN C



5 Technical parameter

Model	S5800P-48G
Port	48*10/100/1000Base-TX PoE port(Data/Power)
PoE Port	1-4 port supports IEEE802.3af/at/poe++/bt, max 90W PoE out 5-48 port supports IEEE802.3af/at, max 30W/port, PoE out
PoE Pin	af/at: 12+ 36- af/at/poe++/bt: 12+ 45+ 36- 78-
PoE Bridge	Max 600W
Bandwidth	128Gbps
Packet Forwarding	74.40Mpps
MAC	8K
Buffer	4.1M
Transmission Distance	10BASE-T :Cat3,4,5 UTP(=250 meter) 100BASE-TX :Cat5 or later UTP(150 meter) 1000BASE-TX :Cat6 or later UTP(150 meter) SFP: 1000M single and multimode optical module with maximum distance =120km (depending on the optical module)
LED Indicator	PWR:Power LED(green) 1-48:10/100、1000M Network connection indicator(green) PoE:PoE indicator(orange)
Power	Built-in power AC : 100-240Vac 50-60Hz 7.6A max 630W
Operating Temperature/ Humidity	-10~+55°C;5%~90% RH No condensation
Storage Temperature/ Humidity	-40~+75°C;5%~90% RH No condensation
Product size/ Packing size(L*W*H)	440mm*290mm*45mm 515mm*375mm*95mm
N.W/G.W(kg)	4.4kg/5.2kg
Installation	Rack type(distribution rack lug accessories)
Lightning protection level	6KV 8/20us; IP30
Certificate	CE-EMC EN55032;CE-LVD EN62368; FCC Part 15 Class B;RoHS;
Warranty	Complete machine 1 year(excluding accessories)

Attentions

To avoid equipment damage and personal injury caused by improper use, please follow the precautions as below:

!Keep the status of power-off during installation, and wear anti-static wrist to ensure good contact between anti-static wrist and skin to avoid the hidden danger.

!The switch can only work normally under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked by the switch.

!Before switch on, please make sure that it will not cause overload of the power circuit, so as not to affect the normal operation of the switch or even unnecessary damage.

!In order to avoid the danger of electric shock, do not open the shell up when the switch works, even in the case of no live current, do not open.

!Before cleaning the switch, pull out the power plug. Do not wipe it by using wet fabrics or liquid.

!Install device in the rack-mount regularly from top to bottom, incase of over-load installation.

!Don't place other heavy objects on the surface of the switch to avoid accidents.

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