

Gigabit PoE Switch

➤ User 's manual

S2800P-24G-2TS



Product introduction

Non network management Ethernet switch series, which is a convergence switch specially developed for wireless AP coverage, network monitoring engineering, central data exchange and other applications. With this device, it can conveniently serve: wireless access points (AP), IPC monitoring cameras: local area network construction; it is also suitable for network central data exchange of network clubs, large hotels, schools and enterprises.

Characteristic

- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab standards
- Flow control mode: full duplex adopts IEEE 802.3x standard, half duplex adopts Back pressure standard
- Support port auto flipping (Auto MDI/MDIX)
- Support port lightning protection
- Exchange mechanism using store and forward
- All ports support wire speed switching and giant frame transmission
- Zero configuration feature, automatically fed to adaptive devices
- The panel indicator lamp monitors the working state and helps with fault analysis

Product display

S2800P-24G-2TS, 24*10/100/1000Base-TX PoE port(Data/Power)+2*1000M Uplink+2*1000M SFP

front



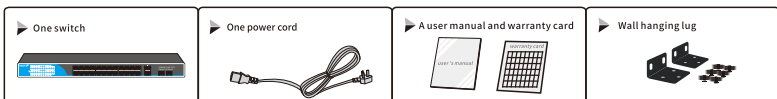
back



Indicator definition

indicator light	State	Description
Power indicator:PWR	on	Power on
	off	Power off
PoE work indicator:PoE	on	PoE on
	blink	Port short circuit or excessive load current
	off	PoE off or the connected device without PoE
Network signal indicator:Link	on	Port network signal connection

Product supporting list



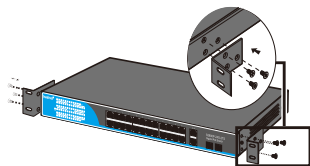
To avoid equipment damage and personal injury caused by improper use, please follow the following precautions:

- During installation, the power supply shall be kept off, and the anti-static wrist shall be worn to ensure good contact between the anti-static wrist and the skin to avoid potential safety hazards;
- The switch can work normally only under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked on the switch;
- Before the switch is powered on, 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 cause unnecessary damage;
- To avoid the risk of electric shock, do not open the shell when the switch is working, and do not open it by yourself even when it is not electrified;
- Before cleaning the switch, pull out the power plug of the switch. Do not wipe it with wet fabric or clean it with liquid;
- The equipment installed in the rack is generally from bottom to top to avoid overload installation;
- Avoid placing other heavy objects on the surface of the switch to avoid accidents.

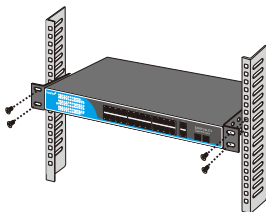
Installation guide

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.



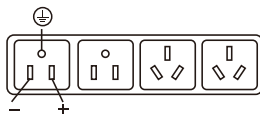
1.1.1



1.1.2

Power supply socket specification

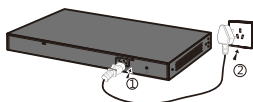
Switch power line single-phase three wire power socket, the middle foot to ground, The left foot on the right foot for the zero line and FireWire, please check before the operation.



1.2.1

Connect the power cord

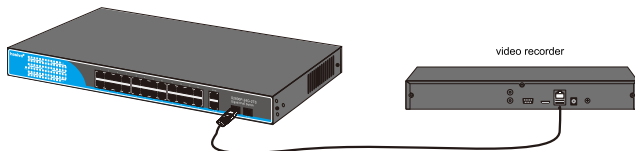
1. check the selection of power supply and the switch marking requirements;
2. built-in power adapter, direct access to AC100~240V,50~60Hz city electricity can be; as 1.2.2.



1.2.2

Product link

1. The connection process between the switch and the opposite Ethernet port is as follows: Connect one end of the network cable to the switch and the other end to the opposite equipment, as shown in Figure 3.2.1



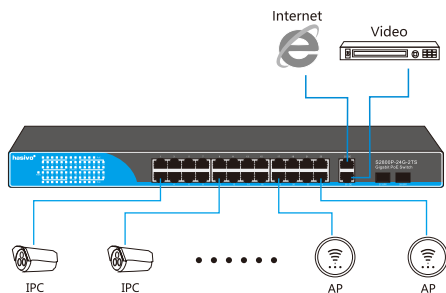
3.2.1

Inspection after installation

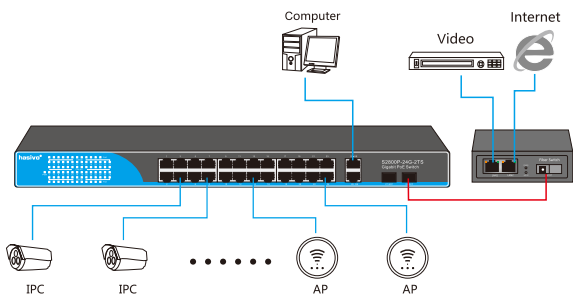
Please check the following items after installation:

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;

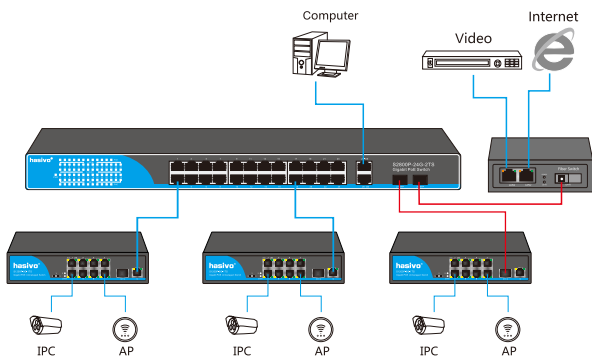
PLAN A



PLAN B



PLAN C



Technical parameter

Model	S2800P-24G-2TS
Port	24*10/100/1000Base-TX PoE Ports(Data/Power) 2*1000M Uplink RJ45 2*1000M SFP
PoE Port	1-2 port supports IEEE802.3af/at/poe++/bt, max 90W PoE out 3-24 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 300W
Bandwidth	56Gbps
Packet Forwarding	41.67Mpps
MAC	8K
Buffer	4M
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) 1-24:10/100/1000M Network connection indicator(green) 25-26:10/100/1000M Network connection indicator(green) 27-28:SFP connection indicator(green) PoE:PoE indicator(orange)
Power	Built-in power AC:100-240Vac 50-60Hz 3.9A max 320W
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*220mm*45mm 515mm*300mm*95mm
N.W/G.W(kg)	2.9kg/3.6kg
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.

PS: We will try our best to check the errors in the printing and pictures, but hasivo will not be responsible for any possible omissions. The appearance, specifications, parameters, prices and supply conditions of the products listed on this page are subject to change without notice.

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