

Gigabit Uplink Switch

➤ USER GUIDE

S5800P-24F-2TC



Introduction

S5800P-24F-2TC is a non network managed PoE switch. The first port supports HiPoE-60W output, and can automatically detect the power receiving equipment that conforms to IEEE802.3af/at/PoE++/HiPoE/BT standards to power it. Using this equipment can facilitate PoE network equipment such as wireless access points (APs) and IPC monitoring cameras.

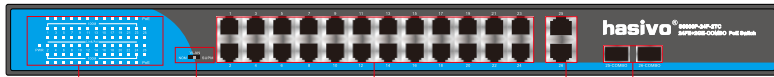
Parameter

- ◆ International PoE general standard IEEE802.3af/at PoE++/HiPoE/BT, supporting full port standard detection function
- ◆ Support power supply through PoE equipment such as wireless access point (AP) and network monitoring camera of Category 5/Category 6 Ethernet cable
- ◆ Flow control mode: IEEE 802.3x standard is adopted for full duplex, and Back pressure standard is adopted for half duplex
- ◆ Support automatic port flipping (Auto MDI/MDIX)
- ◆ Support port lightning protection (secondary lightning protection requirements)
- ◆ Single port PoE power up to 30W (the first port can output HiPoE_60W)
- ◆ Exchange mechanism of store and forward
- ◆ All ports support wire speed switching and giant frame transmission
- ◆ Zero configuration feature, automatically supplied to adaptive equipment
- ◆ The panel indicator lamp monitors the working state and helps with fault analysis

Product Display

S5800P-24F-2TC , 24*10/100M PoE+2*1000M COMBO

front



Indicator

Function switch

24*10/100M PoE

2*1000M COMBO

back



Grounding
screw

AC Power
supply and switch

Explanation Of Function Switch

Function	Sate	Description
NOM	Standard exchange mode	All ports communicate freely, which is suitable for ordinary data transmission environment
VLAN	Port isolation mode	The switch switches to VLAN mode, and the downlink is isolated from each other through the upstream portTransmit and download data to prevent broadcast storm, virus attack and other network failures
SUPM	Ultra far mode	The downlink port speed is limited to 10M to achieve 250m ultra far transmission

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 whitout PoE
Network signal indicator:Link	on	Port network signal connection
COMBO indicator:25~26	on	COMBO on

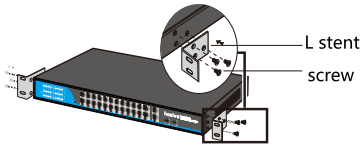
Product matching list

▶ One switch	▶ One power cord	▶ A user manual and warranty card	▶ Wall hanging lug
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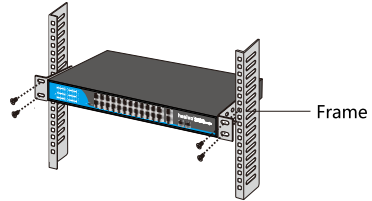
Installation Guide

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.



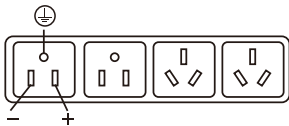
1.1.1



1.1.2

Power supply socket specification

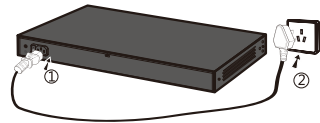
Switch power line single-phase three wire power socket, the middle foot to ground, The left foot on the right foot for the zero line and FireWire, please check before the operation.



1.2.1

Connect the power cord

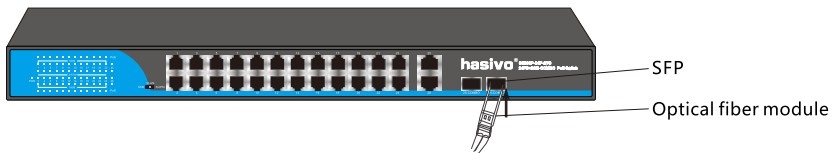
1. check the selection of power supply and the switch marking requirements;
2. built-in power adapter, direct access to AC100~240V,50~60Hz city electricity can be; as 1.2.2.



1.2.2

Connecting SFP ports

The process of installing the switch fiber module are as follows: Seize the fiber module from the side, along the smooth switch SFP port slot Insert until the fiber module and the switch contact, as 1.3.1.



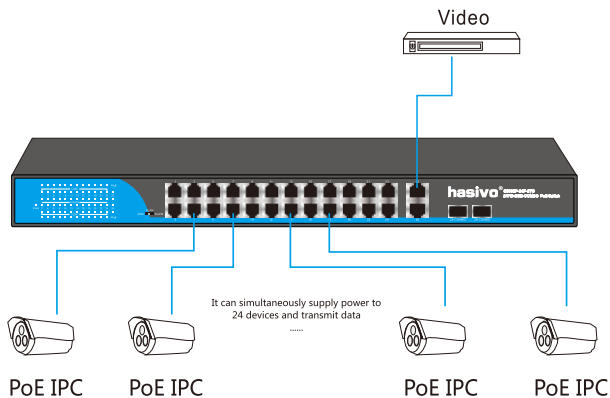
1.3.1

Inspection after installation

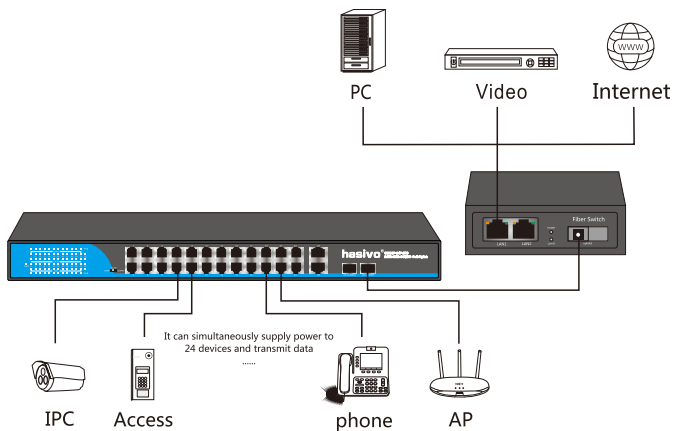
Please check the following items after installation:

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;

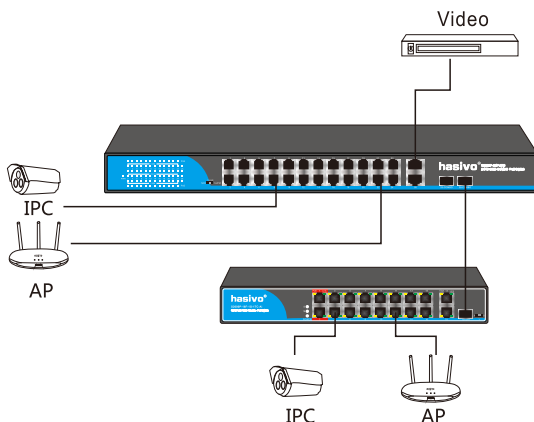
PLAN A



PLAN B



PLAN C



Technical Parameter

Model	S5800P-24F-2TC
Port	24*10/100Base-TX PoE port(Data/Power) 2*1000M COMBO
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 400W
Function	N:(Standard normal) V:(Port isolation) S:(Super mode)(specific port refers to user manual)
Bandwidth	16Gbps
Packet Forwarding	6.55Mpps
MAC	4K
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) 1-24:10/100M Network connection indicator(green) 25-26:10/100/1000M Network connection indicator(green) PoE:PoE indicator(orange)
Power	Built-in power AC : 100-240Vac 50-60Hz 5A max 410W
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)	3.4kg/4.1kg
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)

Attention

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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