

# Gigabit PoE Switch

## ➤ User Manual

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S1200P-8G-1TS



## Introduction

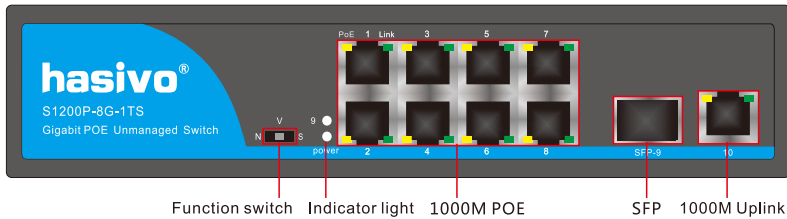
S1200P-8G-1TS Smart POE Switch, it's our company self-developed from Ethernet power supply product, support 1-8 port "IEEE 802.3af/at" POE supply, support standard, port isolation, Monitoring transmission 3 working modes; plug and play, high-compatibility, fit in financial, government, hotel, shopping mall, campus, hospital and small-medium enterprise setting efficiency network.

## Parameter

- 8GE POE+1GE+1GE SFP
- New function: support AC/DC two specifications power input
- Comply to IEEE 802.3, IEEE 802.3u, IEEE 802.3ab.
- Comply to POE IEEE 802.3af/at standard, all ports standard testing.
- Support camera, wireless AP, and IP phone.
- Fluid Control: Full-duplex: IEEE 802.3x, Half-duplex: back pressure.
- Auto MDI/MDIX.
- Port lightning protection.
- Port Power MAX 30W, whole power 150W.
- Store-and-forward.
- All ports support wire speed switch, jumbo frame transmission.
- Plug and play, self-adaption.
- Panel lights can monitor operative mode and malfunction analysis.

## Product Display

S1200P-8G-1TS , 8\*10/100/1000M POE+1\*1000M Uplink+1\*1000M SFP.



## Explanation Of Function Switch

Mark	Mode	Description
N	Standard Normal	all ports communicate freely,adapting common data transmission environment
V	Port Isolation	Switch to VLAN mode;downlink isolating from each other,uploads and downloads data through uplink;suppress network failure like broadcast storm and virus attack
S	Super Mode	Downlink speed limitation:10M(Super transmission:250 meters)

## Indicator Definition

Indicator		Status	Description
Power LED:Power		Always ON	Normal
		Always OFF	Power Unconnected
		Flash	Port circuit or current over-loaded
SFP LED : 9		Always ON	SFP ON
PoE LED	Orange	Always ON	Powered equipments connected and power supply normally
		Always OFF	No powered equipments connected or no power supply
	Green	Always ON	Corresponding port network signal communicates
		Always OFF	Corresponding port network signal not communicates

## Product matching list

<p>► A switch</p>	<p>► A power cord</p>	<p>► A guide and warranty card</p>	<p>► Wall hanger or rack hanger is optional</p>
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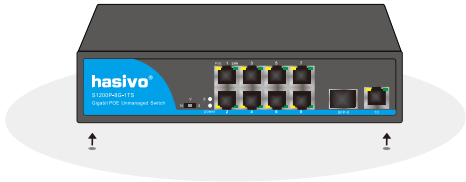
Product installation and precautions

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.

Desktop installation

When installing the switch on the desktop, the device must be placed horizontally on the desktop to keep it stable. Please leave space between the equipment and other objects around Sufficient space for ventilation.



Specification of power socket

When installing the switch on the desktop, the device must be placed horizontally on the desktop to keep it stable. Please leave enough space between the equipment and other surrounding objects for ventilation.

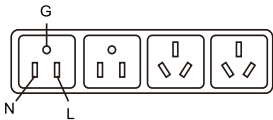


Figure1. 2. 1

Connecting the power cord

1. Check that the power supply is consistent with the power supply marked on the switch;
2. The built-in power adapter is not required, and it can be directly connected to AC100~240V, 50~60HZ mains power; As shown in Fig. 1.2.2.

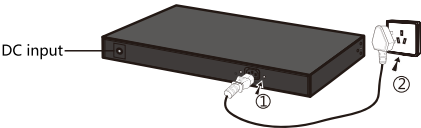


Figure1. 2. 2

Connecting SFP ports

Connect SFP ports:The process of installing optical modules on the switch is as follows:Grasp the fiber module from the side and insert it smoothly along the SFP port slot of the switch until the fiber module is in close contact with the switch, as shown in Figure 1.3.1.

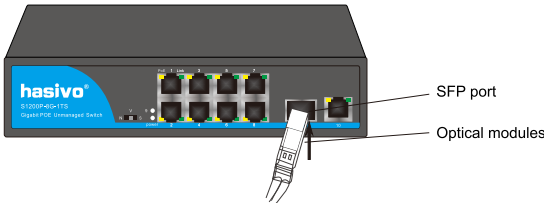


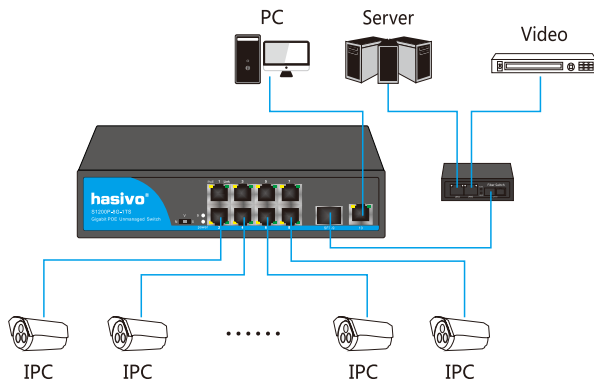
Figure 1. 3. 1

The inspection after installation

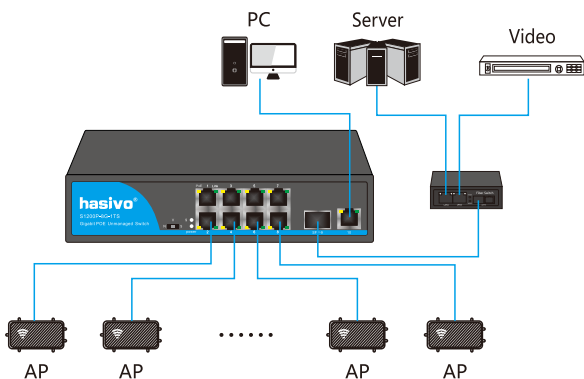
Please check up the following items after installation:

1. Enough cooling space around the switch and smooth air circulation
2. The power supply from the power socket conforms to the switch' requirements;
3. The power supply, switch, rack and other equipments are properly grounded;

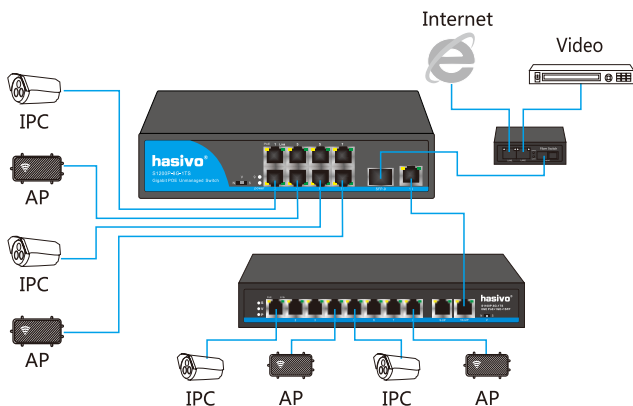
### PLAN A



### PLAN B



### PLAN C



# Technical Parameter

Model parameter	S1200P-8G-1TS
1000M POE	8
1000M Uplink	1 Uplink+1 SFP
Store and Forward	Support
Bandwidth	20G
MAC	8K
New Function	Support AC/DC power input
Environmental	working temperature : 0°C~50°C Storage temperature : -40°C~70°C
	Operating humidity : 10%~90% Non coagulation Storage humidity : 5%~95% Non coagulation
POE	IEEE802.3af/at, Port Power MAX 30W , Whole Power 150W
Power input	DC 48~57V or AC 100~240V 50/60HZ
Supportive Standards and protocols	IEEE 802.3 IEEE 802.3i IEEE 802.3u IEEE 802.3ab IEEE 802.3z IEEE 802.3af/at IEEE 802.3x IEEE 802.1q
System mode	N/V/P
transmission speed	Ethernet 10Mbps half duplex, 20Mbps full duplex Fast Ethernet 100Mbps half duplex, 200Mbps full duplex Gigabit Ethernet 2000Mbps full duplex
Network media	10Base-T: 2 pairs of 3 classes (Cat3) or above UTP/STP(250m) 100Base-TX: 2 pairs of 5 classes (Cat5) or above UTP/STP (150m) 1000Base-T: 4 pairs of over 5 classes (Cat5e) or moreUTP/STP (150m) 1000Base-SX:62.5 μm/50 μMF(2m~550m) 1000Base-LX:62.5 μm/50 μMF(2m~550m) or 10 μm SMF (2m~5000m)
Product specification	Product size: 210mm*140mm*45mm (L*W*H) Package size: 260mm*205mm*67mm (L*W*H) 1.2kg

## 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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