



# Fiber PoE Switch

## ➤ User Manual

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S600P-4F-1FX



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## 1 Overview

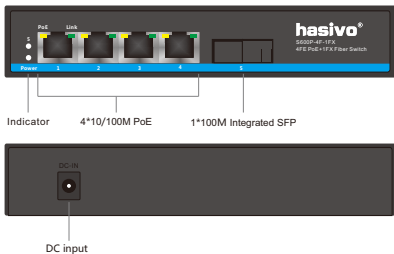
The S600P-4F-1FX Unmanaged Fiber PoE Switch adopts the standard international scheme, which can automatically detect and supply power to the receiving equipment conforming to the IEEE802.3af/at PoE++/HiPoE standard. The standard international scheme is adopted, and the fiber optic cable is used as the transmission medium, with fast speed, long distance and strong anti-interference ability. Its built-in integrated optical port transmission distance is up to 20KM. The use of this equipment can facilitate the layout of enterprise engineering long-distance projects, realize centralized network management, and reduce the failure rate of equipment and network.

### Features

- ◆ Fiber module transmission distance: MAX 20KM(default)
- ◆ Fiber module :optional single mode single fiber/double fiber(FC customizable)
- ◆ PoE Standard:IEEE 802.3af/at HiPoE PoE++,support all ports standard detection.
- ◆ Support power supply for PoE equipments such as AP and network monitoring camera connected by Cat5/6 ethernet cables.
- ◆ Flow control method:full duplex adapts IEEE802.3,halfduplex adapts Back pressure.
- ◆ Port supports Auto MDI/MDIX.
- ◆ Single port PoE power:30W(optional first port power:HiPoE\_60W).
- ◆ Exchanging Mechanism:store and forward.
- ◆ All ports support exchange at wirespeed
- ◆ Zero-configuration:automatically supply for adaptive equipments.
- ◆ Panel indicator monitors operating status and helps fault analysis.

## 2 Product Display


S600P-4F-1FX, 4\*10/100M PoE port+1\*100M Integrated SFP



### Indicator definition

Front indicator	state	Description
Power indicator: Power	on	Power on
	off	Power off
PoE indicator: PoE	on	PoE on
	off	PoE off
Network indicator:Link	on	The corresponding port works at 10/100M
	blink	Link on
	off	Link off
Integrated SFP indicator: 5	on	SFP on
	off	SFP off

## Product matching list

▶ One switch 	▶ One DC power cord 	▶ A user manual and warranty card 	▶ Optional Wallhangers 
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⚠ PS:SFP models do not include optical modules by default. If you find any shortage or damage of accessories, please contact us in time

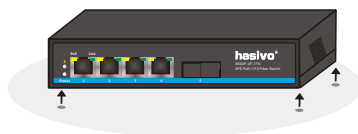
## 3 Installation and attentions

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.

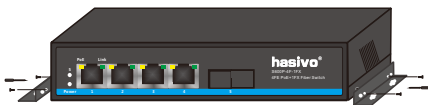
### Desktop

An installation of switch on the desktop. The rubber foot pads must be installed on the bottom of four corners of switch to ensure enough space between equipment and surrounding objects for ventilation.



### Install to wall

The switch can be installed on the wall and the mounting brackets are attached to the side panels of the switch (one on each side) and secured with the screws provided with the unit. Then, install the switch to the wall mount using the screws supplied with the unit.



### Specification of power socket

The switch adopts single-phase three-wire power socket,the middle one is the G wire, the left one is the N wire,and the right one is the L wire. Please check before operation.

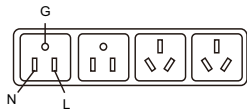
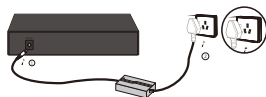


Figure1. 2. 1 three wire socket(Single phase)

### Connect the power wire

1. Check that the power supply is consistent with the power supply marked on the switch;
2. The external type requires a power adapter, which can be directly connected to the 52V 1.25A mains supply; As shown in Figure 1.2.2.



Power connection schematic diagram ,See 1.2.2

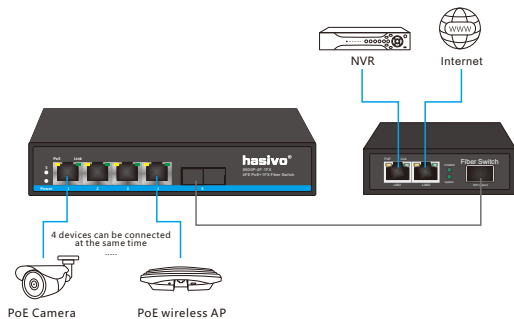
### The inspection after installation

Please check up the following items after installation:

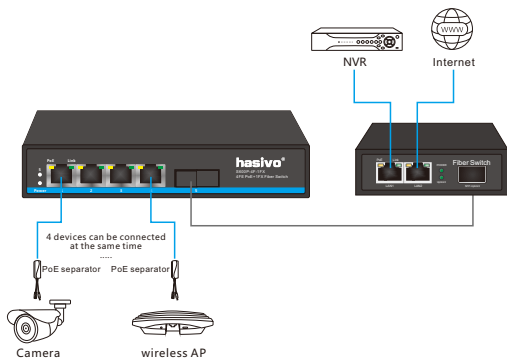
1. Enough cooling space around the switch and smooth air circulation
2. The power supply from the power socket conforms to the switch' requirements;
3. The power supply, switch, rack and other equipments are properly grounded;

## 4 Application

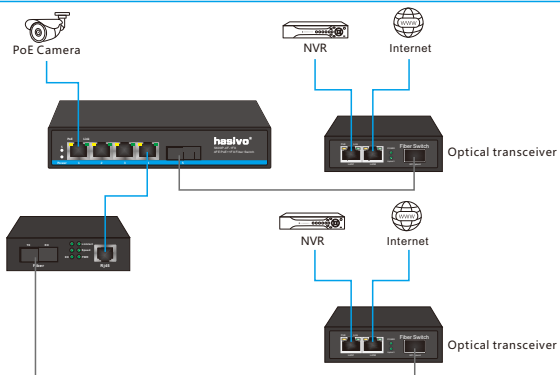
Option 1



Option 2



Option 3





## 5 Parameter

Model	S600P-4F-1FX
Product	Fast Ethernet 4+1 Fiber PoE Switch
Fixed Port	4*10/100Base-TX PoE port (Data) 1*100M Integrated SFP ( optional1310/1550)
PoE Ports	1-4port supports PoE
Network Protocol	IEEE802.3 IEEE802.3i 10BASE-T IEEE802.3u100BASE-TX IEEE802.3x IEEE 802.3z 1000BASE-X IEEE802.3af/at(HiPoE PoE+ + optional)
Port Specification	10/100BaseT ( X ) Auto
Transmission Mode	Store and forward (full line speed)
Bandwidth	1Gbps
Packet Forwarding	0.72Mpps
MAC Address	1K
Buffer	768K
Transmission Distance	10BASE-T : Cat3,4,5 UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(150 meter) Single mode single fiber (MAX 20KM) Single mode double fiber (MAX 20KM) Multiple mode double fiber (MAX 850meters/2KM) Optional 3-80km SFP
Power Pin	Default 1/2(+),3/6(-); Optional order 4/5(+),7/8(-)
Single port power	30W/15.4W
Total power/Input voltage	MAX 65W
Watt	Standby Power Consumption : ≤3W;
LED Indicator	Power:Power LED S:(SFP LED) Port:(Orange=PoE LED+Green=Link LED)
Power Input	External power DC 52V 1.25A
Operating Temperature /Humidity	-10 ~ +55°C ; 5% ~ 90% RH Non coagulation
Storage Temperature /Humidity	-40 ~ +75°C ; 5% ~ 95% RH Non coagulation
Product size/Packing size (L*W*H)	140mm*80mm*28mm 205mm*135mm*95mm
N.W/G.W(kg)	0.3kg/0.8kg
Installation	Desktop(optional wall hanger parts)
Lightning protection level	3KV 8/20us ; IP30
Certificate	3C ; CE-EMC EN55032 ; CE-LVD EN62368 ; FCC Part 15 Class B ; RoHS ;
Warranty	Whole device for 1 year(Accessories not included)

## **Matters needing attention**

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

- During installation, keep the power off, wear anti-static wrist, and ensure that the anti-static wrist is in good contact with the skin to avoid potential damage. Potential safety hazards in;
- The switch can work normally only under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked by the switch;
- Before the switch is powered on, please make sure that the power circuit will not be overloaded, so as not to affect the normal operation of the switch or even cause unnecessary damage;
- In order 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 charged;
- 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.

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