



Full Gigabit Fiber PoE Switch

➤ User Manual

S600P-4G-1GX



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1 Overview

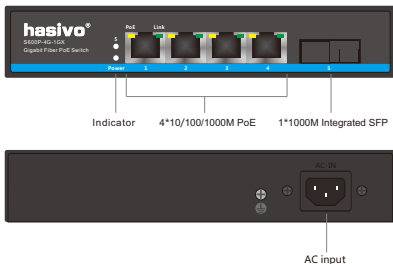
S600P-4G-1GX Unmanaged optical fiber switch adopts standard international scheme, optical fiber cable is used as transmission medium, with high speed, transmission distance up to 100KM, and strong anti-interference ability. The use of this equipment can facilitate the enterprise's engineering remote project layout, facilitate centralized management and reduce the failure rate.

Features

- ◆ IEEE802.3、IEEE802.3u、IEEE802.3ab.
- ◆ POE Standard:IEEE 802.3af/at , 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
- ◆ Exchanging Mechanism:store and forward
- ◆ Fiber port has inherent integrated module, optional 3KM/20KM transmission distance
- ◆ Zero-configuration:automatically supply for adaptive equipments
- ◆ Panel indicator monitors operating status and helps fault analysis

2 Product Display

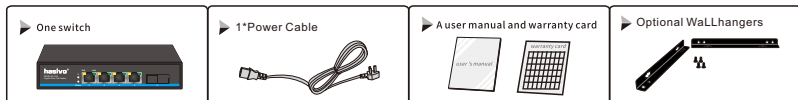
S600P-4G-1GX , 4*10/100/1000M PoE port+1*1000M Integrated SFP



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



⚠ 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.

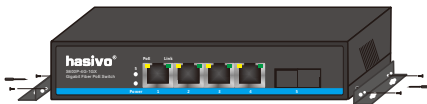
Desktop

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.

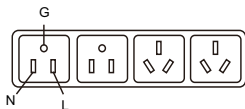
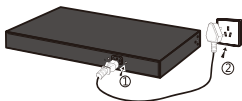


Figure1. 2. 1 three-wire socket(Single-phase)

Connect the power wire

1. Check up that the power supply is consistent with the marked requirements by the switch or not ;
2. The built-in power adapter is not needed, and it can be directly connected to AC100~240V and 50~60Hz major power;see Fig.1.2.2.



Power connection schematic diagram ,See 1.2.2

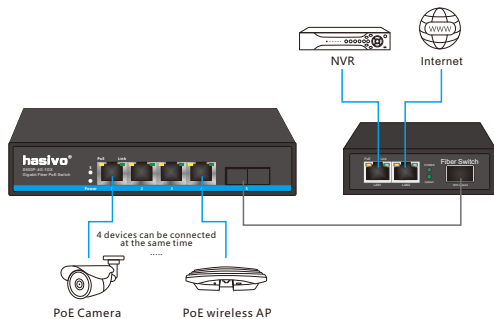
The inspection after installation

Please check up the following items after installation:

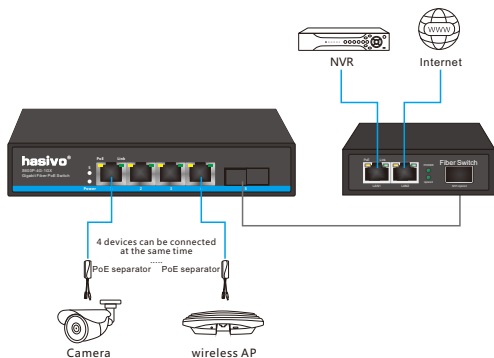
1. Enough cooling space around the switch and smooth air circulation
2. The power supply from the power socket conforms to the switch' requirements;
3. The power supply, switch, rack and other equipments are properly grounded;

4 Application

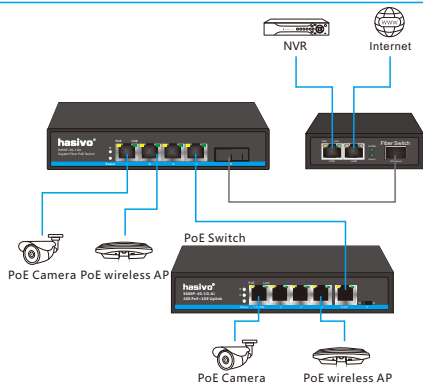
Option 1



Option 2



Option 3



Model	S600P-4G-1GX
Product	Full Gigabit 4+1 PoE Switch
Fixed Port	4*10/100/1000Base-TX PoE port (Data) 1*1000M integrated SFP (optional1310/1550)
PoE Ports	1-4port supports PoE
Network Protocol	IEEE802.3 IEEE802.3i 10BASE-T IEEE802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE802.3x IEEE 802.3z 1000BASE-X IEEE802.3af/at(HiPoE PoE++ optional)
Port Specification	10/100/1000BaseT (X) Auto
Transmission Mode	Store and forward (full line speed)
Bandwidth	12Gbps
Packet Forwarding	7.2Mpps
MAC Address	2K
Buffer	2.5M
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) 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 5:(SFP LED) Port:(Orange=PoE LED+Green=Link LED)
Power Input	Built-in power AC 100 ~ 240V 50-60Hz 1A
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)	190mm*130mm*35mm 265mm*220mm*68mm
N.W/G.W(kg)	0.7kg/1.1kg
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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