



# Full Gigabit PoE Unmanaged Switch

➤ user 's manual

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***S600P-4G-1G***



hasivo Electronic Co., Ltd

# 1 Product introduction

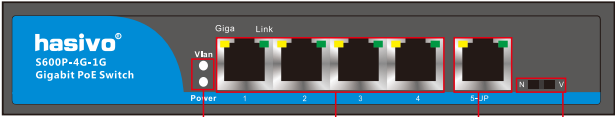
“hasivo” Non managed PoE switch, in which the first port supports hipoe-60w output, which can automatically detect compliance with IEEE802 3af / at Poe + + / hipoe / BT standard power receiving equipment supplies power for it. Using this equipment can be convenient for POE network equipment such as wireless access point (AP) and IPC surveillance camera.

## Characteristic

- ◆ International Poe general standard IEEE802 3af / at Poe + + / hipoe / BT, supporting full port standard detection function
- ◆ Support the power supply of Poe equipment such as wireless access point (AP) and network monitoring camera through Cat 5 / Cat 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 flip (auto MDI / mdix)
- ◆ Support port lightning protection (Level II lightning protection requirements)
- ◆ Single port Poe power up to 30W (the first port can output hipoe\_60w)
- ◆ Store and forward switching mechanism is adopted
- ◆ All ports support line speed switching and giant frame transmission
- ◆ Zero configuration feature, automatic supply to adaptive equipment
- ◆ Panel indicator light monitors working status and helps fault analysis

# 2 Product display

S600P-4G-1G , 4\*10/100/1000M Rj45 port+1\*10/100/1000M Uplink



## Function mark

Function mark	mode	Descriptions
N	Standard sharing	All ports communicate freely, suitable for common data transmission environment
V	Port isolation	The downlink ports are isolated from each other and upload and download data through the uplink port.Inhibit broadcasting storms/virus attacks and other network failures
S	Ultra transmission	Limiting the downlink port's speed at 10M to realize 250m ultra-long transmission

## Indicator

Indicator	Status	Description
Power	Always-on	normal
	Always-off	Power-unconnected
	Twinkle	Port short circuit or excessive load current
Vlan	Port isolation mode	When the switch is switched to VLAN mode, the downlink is isolated from each other through the uplink portUpload and download data to curb network failures such as broadcast storm and virus attack
port	The green light is on	The corresponding port works in 100m rate mode
	The yellow light is on	The corresponding port operates in 1000m rate mode
	Twinkle	Corresponding port network signal connection

## Product list

► One switch



► A wire



► one user manual and warranty card



► One set of rack lugs



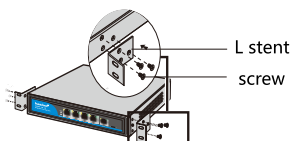
## 3 Installation and attentions

For the safe installation operation of switch,suggestion:

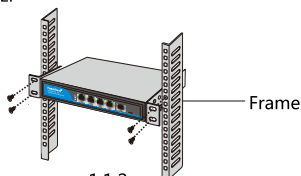
- Check up that the power wire is securely wrapped into the AC power connecto or not.
- Ensure the adequate heat dissipation and ventilation around the switch.
- Do not stack heavy objects on the switch.

### 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.



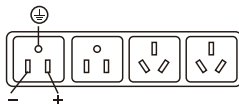
1.1.1



1.1.2

### Power supply socket specification

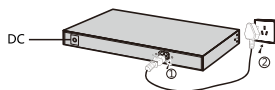
Switch power line single-phase three wire power socket, the middle foot to ground, The left foot on the right foot for the zero line and FireWire, please check before the operation.



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.

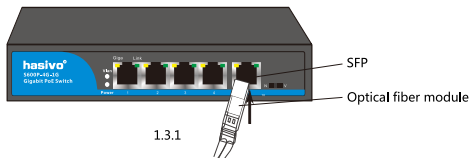


1.2.2

### Connect SFP

The process of installing the optical fiber module in the switch is as follows:

Grasp the optical fiber module from the side and insert it smoothly along the SFP port slot of the switch until the optical fiber module is in close contact with the switch, as shown in Figure 1.3.1



1.3.1

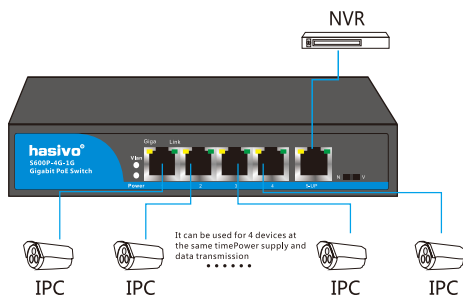
### Inspection after installation

Please check the following items after installation:

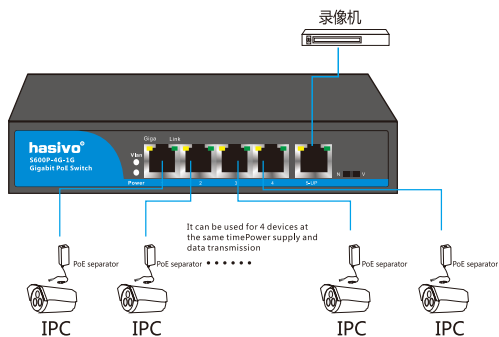
1. check whether there is enough space for heat exchange, air circulation is smooth;
2. check the power supply socket power supply switch is in accordance with the specifications;
3. check the power supply, switchboard, rack and other equipment have been properly grounded;

## 4 Product application

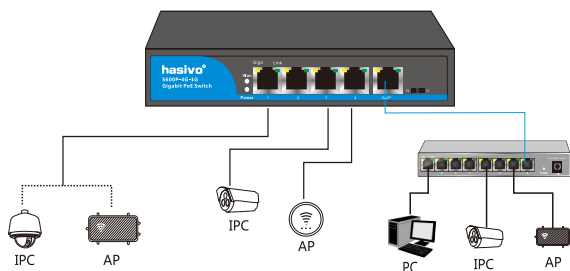
### PLAN A



### PLAN B



### PLAN C



## 5 Technical parameter

Model	S600P-4G-1G
Product name	5-port full Gigabit Poe switch
Port	4个10/100/1000Base-TX POE Port ( Data/Power ) 1个10/100/1000Base-TX Uplink Rj45 Port (Data) 1-4 ports support PoE power supply
Function switch	1, N_ Standard mode + V_ Port isolation (refer to the user manual for specific ports)
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab1000BASE-T IEEE 802.3x IEEE 802.3af/at international standard Accord withIEEE802.3af/atinternational standard
Port Specification	10 / 100 / 1000baset (x) automatic detection, full / half duplex MDI / mdi-x adaptive
Transmission Mode	Store and Forward(full wirespeed)
Bandwidth	10Gbps (no blocking)
Packet Forwarding	7.2Mpps
MAC Address	2.4K
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)
Power Pin	Default 1 / 2 (+), 3 / 6 (-); Optional order: 4 / 5 (+), 7 / 8 (-)
Single port power	30W/15.4W
Total Power/Input Voltage	MAX 80W ( AC100-240V 50/60HZ )
Watt	standby power : ≤5W ;
LED Indicator	Power: power indicator Uplink port: (network indicator green / 100M + Yellow / 1000m) Port: (POE work indicator orange; link_ network connection indicator green) VLAN: (disconnecter indicator)
Power	Built in switching power supplyAC : 100 ~ 240V 50-60Hz 1A
Operating Temperature/ Humidity	-10 ~ +55°C ; 5% ~ 90% RH no condensation
Storage Temperature/ Humidity	-40 ~ +75°C ; 5% ~ 95% RH no condensation
Product size /Packing size ( L*W*H )	190mm*130mm*35mm 305mm*205mm*55mm
N.W/G.W ( kg )	0.6kg/0.9kg
Installation	Desktop type (optional wall mounted accessories)
Lightning protection level	3KV 8/20us ; Ip30
Certificate	3C ; CE mark, commercial ; CE/LVD EN60950 ; FCC Part 15 Class B ; RoHS ;
Warranty	Whole device for 1 year (Accessories not included)

## 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.