# 1 Overview

"Hasivo" unmanaged 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.

Features

◆PoE Standard:IEEE802.3af/at PoE++/HiPoE/BT, support all ports standard detection.
◆Supports power supply for PoE devices such as AP and network monitoring cameras connected by Cat5/6 ethernet cables.
◆Flow control method:full duplex adapts IEEE 802.3x ,half duplex adapts Back pressure.
◆Port supports Auto MDI/MDIX.
◆Support port lightning protection(secondary level requirements).
◆Single port supports PoE power:30W(first portoptionally outputs HiPoE_60W).
◆Exchanging Mechanism: Store and forward.
◆All ports support exchanging at wirespeed;Support jumbo frame transmission.
◆Zero-configuration:automatically supply for adaptive device.
◆Panel control indicator monitors operating status and help fault analysis

2 Product Dispaly

4*10/100/1000M PoE port+1*Gigabit Uplink+1*Gigabit SFP
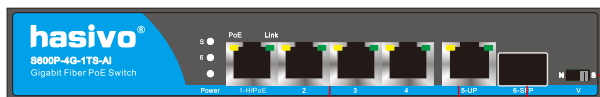
Function Switch

Gigabit PoE port

Gigabit SFP

Gigabit 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 LED:Power		Always ON	Normal
		Always OFF	Power Unconnected
		Flashes	Port circuit or cunrrent over-loaded
PoE LED	Orange	Always ON	Powered equipments connected and power supply narmally
		Always OFF	No powered equipments connected or no power supply
	Green	Always ON	Network signal communicates at corresponding port
		Always OFF	Network signal not communicate at corresponding port
S		Always ON	Ultra far mode on
6		Always ON	SFP optical port connection indicator

Product list

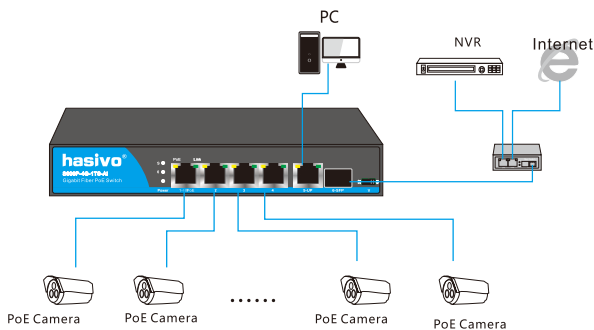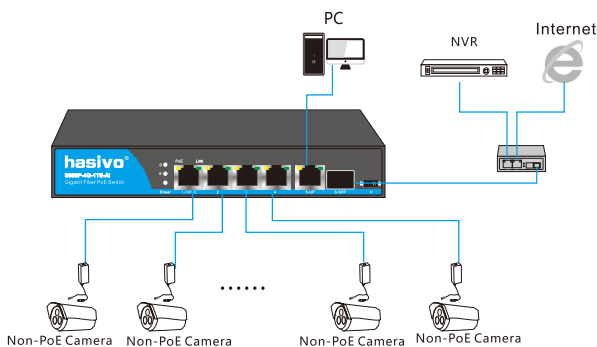| ➤One switch	➤ A wire	➤ one user manual and warranty card	➤One set of rack lugs

Attention:Fiber modules are not included in models with SFP;Please contact us in time if shorted or damaged accessories found.

3 Application
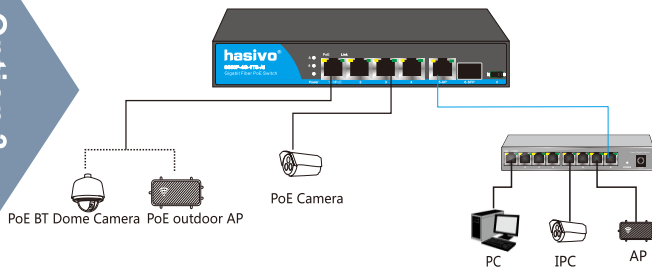
Option 1

PC

NVR

Internet

PoE Camera   PoE Camera   ......   PoE Camera   PoE Camera

Option 2

PC

NVR

Internet

Non-PoE Camera   Non-PoE Camera   ......   Non-PoE Camera   Non-PoE Camera

Option 3

PoE BT Dome Camera   PoE outdoor AP   PoE Camera

PC   IPC   AP

4 Parameter

Model	S600P-4G-1TS
Product	Full Gigabit 5+1 PoE Switch
Port	4*10/100/1000Base-TX PoE port (Data/Power) 1*10/100/1000Base-TX Uplink Rj45 port (Data) 1*1000M SFP 1-4 port supports PoE
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x IEEE 802.3z 1000BASE-X IEEE 802.3af/at
Function Switch	N: Standard switching mode V: Port isolation mode S: Ultra remote power supply mode
Port Specification	10/100/1000BaseT(X)Auto
Transmission Mode	Store and Forward(full wirespeed)
Bandwidth	16Gbps
Packet Forwarding	8.64Mpps
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) 1000Base-SX:62.5μm/50μm MMF(2m~550m) 1000Base-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
Power Pin	Default1/2(+) , 3/6(-) ; Optional 4/5(+) , 7/8(-)
Single port power	Average15.4W;MAX 30W
Total Power/Input Voltage	MAX 80W (AC100-240V 50/60HZ)
Watt	Standby Power Consumption:≤5W;
LED Indicator	Power: power indicator (power overload indicator) Uplink port: (network connection indicator green / 100M + Yellow / 1000m) Port: (POE work indicator orange; link_; network connection indicator green) S: (ultra far mode indicator) 6: (SFP optical port connection indicator)
Power	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 305mm*205mm*55mm
N.W/G.W (kg)	0.6kg/0.9kg
Installation	Desktop(optional wall hanger parts)
Lightning protection level	KV 8/20us; IP30
Certificate	CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	Whole device for 1 year (Accessories not included)

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.
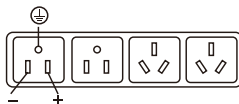
L stent
screw

1.1.1

Frame
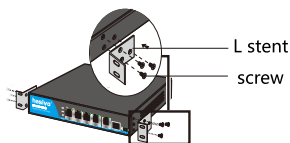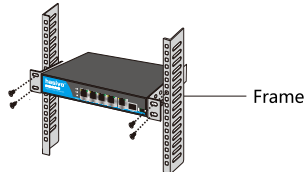
1.1.2

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.

DC
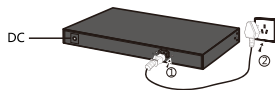
1.2.2

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

SFP

Optical fiber module
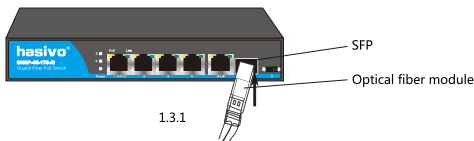
1.3.1

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;