hasivo®

Full Gigabit Unmanaged PoE Switch
⊃ User Manual

S600P-4G-1TS

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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

4GE PoE+1GE+1SFP , 4*10/100/1000M PoE port+1*Gigabit Uplink+1*Gigabit SFP

Function Switch

Gigabit PoE port

Gigabit SFP

Gigabit Uplink
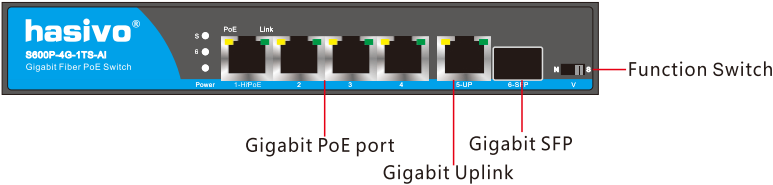
Function mark

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	.
6		Always ON	SFP optical port connection indicator

▶ One switch	▶ A wire	▶ one user manual and warranty card	▶ one wall-mounting rack(optional)

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

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.

DESK

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.
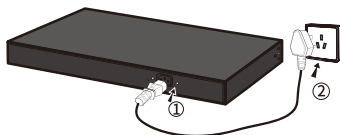

Wall

The switch can be mounted on the wall.Attach the bracket to the side board of the switch (one on each side) and tighten it with screws.

Then,mount the switch onto the wall rack by using screws supplied with the device.
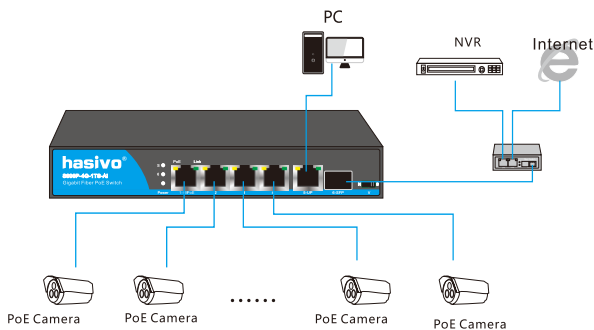
Connect the power wire

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;
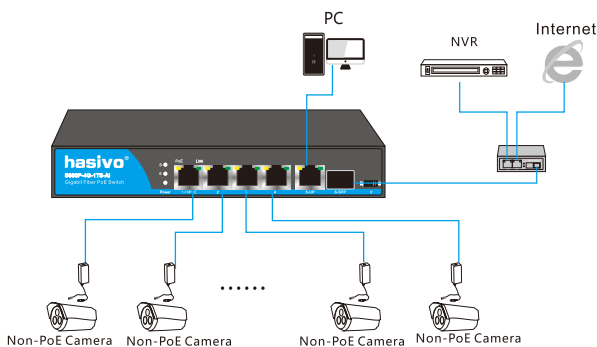   See figure 1.1.2.

Power connection schematic diagram ,See 1.1.2

Option 1

PC

NVR   Internet

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

Option 2

PC

NVR   Internet

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

Option 3

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PoE BT Dome Camera   PoE outdoor AP   PoE Camera

PC   IPC   AP

5 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)

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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