

Unmanaged PoE Switch

➤ User Manual

S1100P-4G-2S-Ai



1 Overview

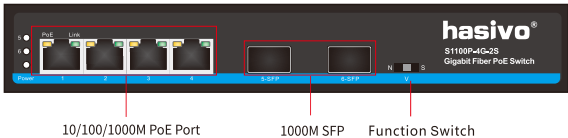
"Hasivo" Non managed Ai PoE switch can automatically detect compliance with IEEE802.1 3af / at Poe + + / hipoe standard power receiving equipment andTo supply power for it, hipoe and poedog functions are added to the basic functions of ordinary Poe switch to solve the problem of high-power outdoor ball machine and largeThe power supply of high-power wireless AP and other high-power equipment can be repaired automatically after the crash, so as to solve the problem of going to the site to restart the switch once a month;Solve the installation requirements of multiple switches.

Features

- ◆ PoE dog function detects the status of Poe electric equipment in real time; When the device end is abnormal, the port will be automatically restarted and Poe power supply will be restored,Achieve unattended
- ◆ Hipoe function: the first port can output hipoe_ 60W
- ◆ International Poe general standard IEEE802 3af / at Poe + + / hipoe, 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
- ◆ Support automatic port flip (auto MDI / mdix)
- ◆ Support port lightning protection (Level II lightning protection requirements)
- ◆ Single port Poe power up to 30W
- ◆ Zero configuration feature, automatic supply to adaptive equipment
- ◆ Panel indicator light monitors working status and helps fault analysis

2 Product Dispay

S1100P-4G-2S-Ai, 4个10/100/1000M PoE Port+2*1000M SFP Port



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 indicator:P		ON	Power on
		OFF	Power off
		Blink	Port short circuit or excessive load current
SFP indicator: 5~6		ON	SFP on
PoE indicator	Orange	ON	PoE on
		OFF	PoE off
	Green	ON	Link on
		OFF	Link off

Product list


► One switch




► A wire



► one user manual and warranty card



► Optional wall hanging lug



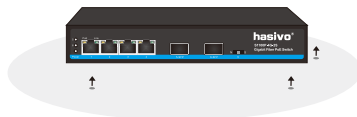
3 Product installation and precautions

For the safe installation and operation of the switch, it is recommended that you:

- Check that the power cord is securely wrapped around the AC power connector.
- Ensure proper heat dissipation and ventilation conditions around the switch.
- Do not stack heavy objects on the switch.

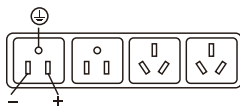
Desktop installation

When installing the switch on the desktop, the device must be placed horizontally on the desktop and kept stable. Please leave enough space between the equipment and other surrounding objects for ventilation.



Power socket specification

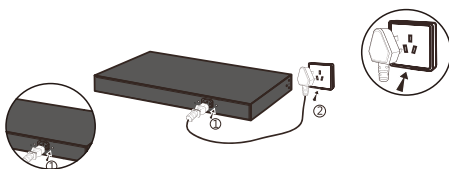
The power line of the switch adopts a single-phase three wire power socket, the middle pin is the grounding wire, the left pin is the zero wire, and the right pin is the live wire. Please check before operation.



1.2.1

Connect the power cord

1. Check that the power supply is consistent with the power supply marked on the switch;
2. Built in without power adapter, it can be directly connected to AC100 ~ 240V, 50 ~ 60Hz mains power; As shown in Figure 1.2.2.



1.2.2

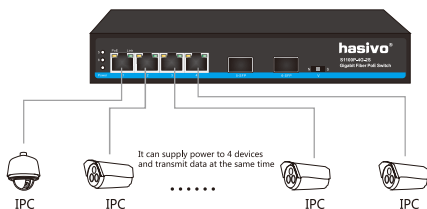
Inspection after installation

Please check the following items after installation:

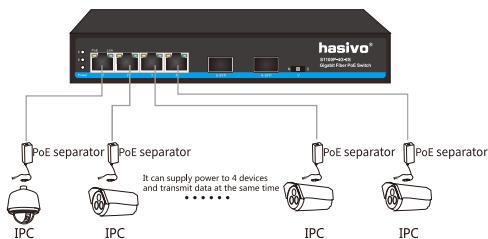
1. check whether there is enough space for heat exchange, air circulation is smooth;
2. check the power supply socket power supply switch is in accordance with the specifications;
3. check the power supply, switchboard, rack and other equipment have been properly grounded;

4 Product application

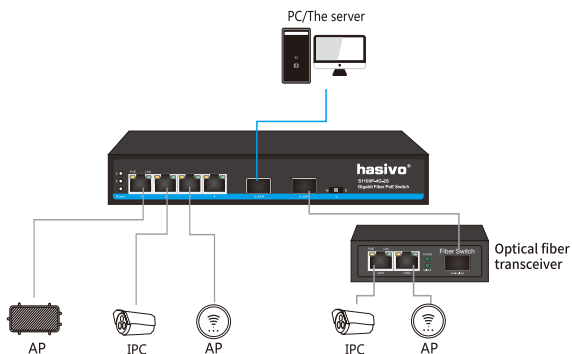
Option 1



Option 2



Option 3



5 Technical parameter

Model	S1100P-4G-2S-Ai
Product	Full Gigabit 4+2 PoE Switch
Fixed Port	4*10/100/1000Base-TX PoE Port(Data/Power) 2*1000M SFP Port
PoE Port	1-4 port supports PoE(first port outputs HiPoE_60W)
Function	N:(Standard normal) V:(Port isolation) S:(Ultra-far mode) (specific port refers to user manual) Ai version:PoE auto execution、detection and resets fault device, when PoE is on.
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab1000BASE-T IEEE 802.3x IEEE 802.3z 1000BASE-X IEEE 802.3af/at/PoE++
PoE Standard	IEEE802.3af/at/PoE++/HiPoE
Port Specification	10/100/1000BaseT (X) Auto
Transmission Mode	Store and Forward(full wirespeed)
Bandwidth	16Gbps
Packet Forwarding	14.44Mpps
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	Default 1/2(+), 3/6(-); Optional order 4/5(+), 7/8(-)
Single port power	Average 15.4W; MAX 30W
Total power/Input voltage	MAX 80W (AC100-240V 50/60HZ)
Watt	Standby Power Consumption: ≤8W;
LED Indicator	Power: Power LED(optional over-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)	210mm*150mm*35mm 270*mm220mm*68mm
N.W/G.W(kg)	0.7kg/1.1kg
Installation	Desktop(optional wall and machine hanger parts)
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.