

High-power

Full Gigabit PoE Switch

➤ User's manual

S5800P-8G-1TS-BT-8



Product introduction

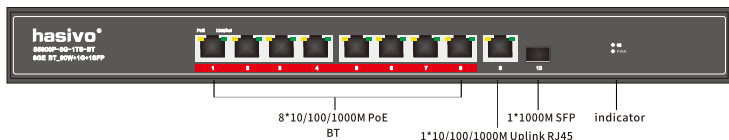
S5800P-8G-1TS-BT-8 is a high-power full Gigabit PoE Switch independently developed by hasivo. 1-8 ports support high-power BT_90W power supply output, conforming to IEEE 802.3af/at/poe+/bt standard, the maximum PoE output power of the whole machine is 800W. As the most compatible PoE power supply equipment in the industry by far, it can Dynamic detection identifies the power receiving equipment that meets the standard and supplies power to it through the network cable. Plug and play, easy to use, suitable for outdoor high-power AP, Skyenet camera, etc, Build a cost-effective PoE network.

Product functions

- ◆ Compatible with high-power 90W terminal power supply;
- ◆ 20G backplane bandwidth;
- ◆ hasivo intelligent PSE chip;
- ◆ The maximum PoE power supply of the whole machine is 800W, and the maximum PoE power supply of a single port is 90W;
- ◆ Adapt to 90-265v global voltage;
- ◆ The host is designed with low power consumption, and the fan enhances heat dissipation to ensure the stable operation of the product;
- ◆ The high-power built-in PFC high-efficiency power supply independently developed by hasivo provides long-term stable PoE power output.

Product display and description

S5800P-8G-1TS-BT-8, 8*10/100/1000M PoE+1*10/100/1000M Uplink RJ45+1*1000M SFP



Indicator definition

Indicator		State	Description
PWR: power indicator		on	Power on
		off	Power off
		blink	Port short circuit or excessive load current
Network indicator: 1-9	PoE	on	PoE on
		off	PoE off
	Link/Act	on	Link on
		off	Link off
10:SFP Port		on	SFP on
		off	SFP off

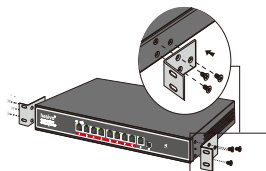
Product matching list



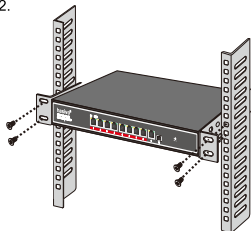
Installation guide

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.



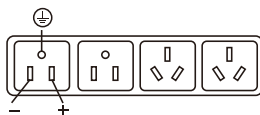
1.1.1



1.1.2

Power supply socket specification

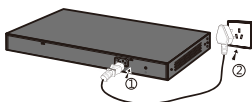
Switch power line single-phase three wire power socket, the middle foot to ground. The left foot on the right foot for the zero line and FireWire, please check before the operation.



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.

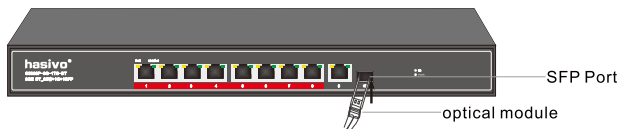


1.2.2

Connecting SFP ports

The process of installing optical modules on the switch is as follows:

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



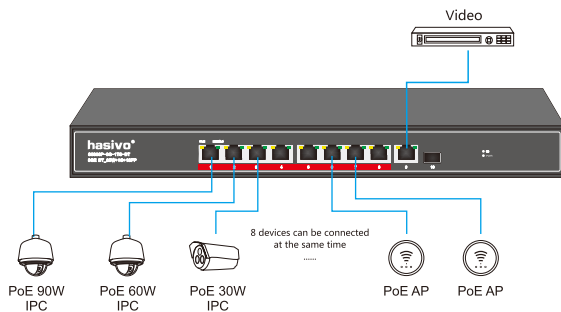
3.2.1

Inspection after installation

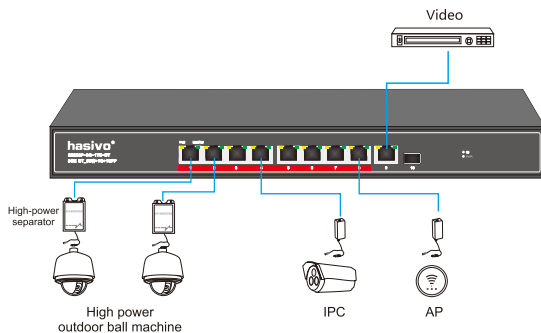
Please check the following items after installation:

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;

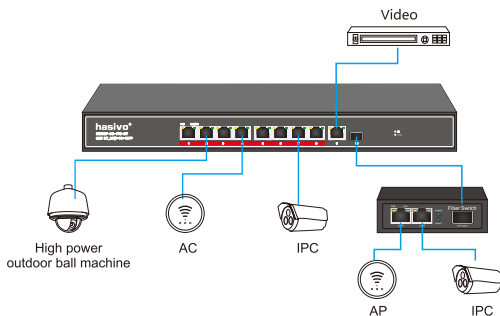
PLAN A



PLAN B



PLAN C



Technical parameter

Model	S5800P-8G-1TS-BT-8
Port	8*10/100/1000Base-TX PoE port (Data/Power) 1*10/100/1000Base-TX uplink RJ45 port (Data) 1*1000M SFP
PoE Port	1-8 port supports IEEE802.3af/at/poe++/bt, max 90W PoE out
PoE Pin	af/at/poe++/bt: 12+ 45+ 36- 78-
PoE Bridge	Max 800W
Bandwidth	20Gbps
Packet Forwarding	14.88Mpps
MAC	8K
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) SFP: 1000M single and multimode optical module with maximum distance =120km (depending on the optical module)
LED Indicator	PW:Power LED(over-power LED) 1-8:PoE_Work indicator;Link_Network connection indicator 9:Network connection indicator 10:SFP connection indicator Port:(Orange=PoE LED, Green=LAN Link LED)
Power	Built-in power AC : 100-240Vac 50-60Hz 10A max 808W
Operating Temperature/ Humidity	-10~+55°C;5%~90% RH No condensation
Storage Temperature/ Humidity	-40~+75°C;5%~90% RH No condensation
Product size/ Packing size(L*W*H)	440mm*240mm*45mm 515mm*375mm*95mm
N.W/G.W(kg)	3.3kg/4.0kg
Installation	Rack-mount (optional machine hanger spare parts)
Lightning protection level	6KV 8/20us; IP30
Certificate	CE-EMC EN55032;CE-LVD EN62368; FCC Part 15 Class B;RoHS;
Warranty	Complete machine 1 year(excluding accessories)

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.

PS: We will try our best to check the errors in the printing and pictures, but hasivo will not be responsible for any possible omissions. The appearance, specifications, parameters, prices and supply conditions of the products listed on this page are subject to change without notice.

Sichuan Hasivo Video Electronics Co. Ltd.

Address: Dongpo District Meishan City Sichuan China

Zip Code: 620010 Http://www.hasivo.com

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Sales Service : 028-38288776

Technical Service : 028-38119776