

Fast PoE Unmanaged Switch

➤ User Manual

S1200P-8F-2F



1 Overview

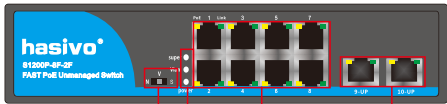
Automatically detecing and supplying power for powered equipments complied with IEEE802.3af/at PoE++/HiPoE/BT, our full gigabit unmanaged PoE switch supports first port output HiPoE-60W.It is professionally researched and developed for AP,IPC surveillance cameras and LAN construction and also adapts to data exchange between the network centers of large hotels, schools and enterprises and institutions.

Features

- ◆ Dual power input:AC/DC(Default AC power cord)
- ◆ 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 Dispalry

S1200P-8F-2F , 8*10/100M PoE port+2*100M Uplink



Function Switch Indicator 100M PoE port 100M Uplink

Indicator

Indicator		Status	Description
Power LED:P		Always ON	Normal
		Always OFF	Power Unconnected
		Flash	Port circuit or current over-loaded
Port Isolation LED : Vlan		Always ON	Port Isolation mode ON
Super Mode LED : Super		Always ON	Super mode ON
PoE LED	Orange	Always ON	Powered equipments connected and power supply normally
		Always OFF	No powered equipments connected or no power supply
	Green	Always ON	Corresponding port network signal communicates
		Always OFF	Corresponding port network signal not communicates

Function

Mark	Mode	Description
N	Standard Normal	all ports communicate freely,adapting common data transmission environment
V	Port Isolation	Switch to VLAN mode;downlink isolating from each other,uploads and downloads data through uplink;suppress network failure like broadcast storm and virus attack
S	Super Mode	Downlink speed limitation:10M(Super transmission:250 meters)

Accessories List

➤ 1*Switch

➤ 1*Power Cable

➤ 1*User Manual+Warranty Card

➤ Wall hanger or rack hanger is optional

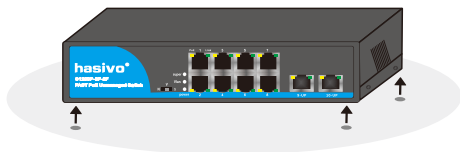
3 Installation and attentions

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.

Specification of power socket

The switch adopts single-phase three-wire power socket,the middle one is the G wire, the left one is the N wire, and the right one is the L wire. Please check before operation.

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.

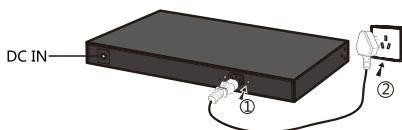


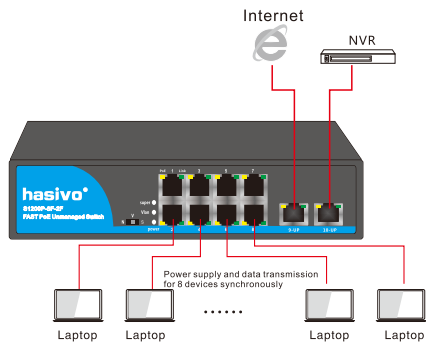
Fig.1.2.2 Power connection schematic diagram

The inspection after installation

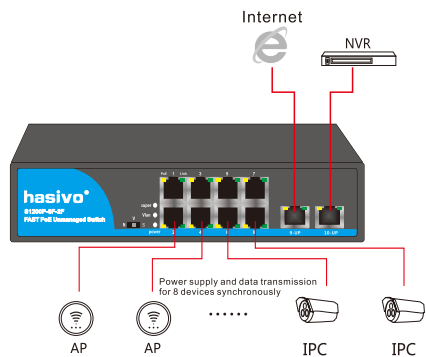
Please check up the following items after installation:

1. Enough cooling space around the switch and smooth air circulation
2. The power supply from the power socket conforms to the switch' requirements;
3. The power supply, switch, rack and other equipments are properly grounded;

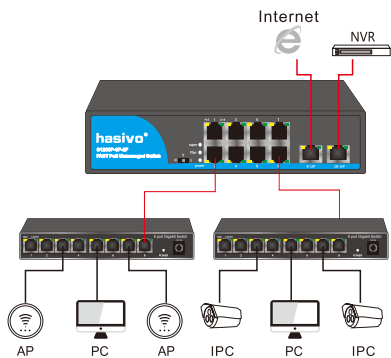
Option 1



Option 2



Option 3



5 Parameter

Model	S1200P-8F-2F
Product	8 Port Built-in Fast PoE Unmanaged Switch
Port	8*10/100Base-TX PoE port (Data/Power) 2*10/100Base-TX uplink Rj45 port (Data) 1-8 port supports PoE
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x IEEE 802.3af/at
Port Specification	10/100BaseT(X)Auto
Transmission Mode	Store and Forward(full wirespeed)
Bandwidth	2Gbps
Packet Forwarding	1.44Mpps
MAC Address	1K
Buffer	768K
Transmission Distance	10BASE-T : Cat3,4,5 UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(150 meter)
Power Pin	Default 1/2(+), 3/6(-) ; Optional 4/5(+), 7/8(-)
Single port power	Average 15.4W; MAX 30W(optional first port HiPoE output up to 60W)
Total Power/Input Voltage	MAX 150W (AC100-240V 50/60HZ)
Watt	Standby Power Consumption: ≤3W;
LED Indicator	P: Power LED(Over-power LED) Uplink: (Green=10/100M LED+Orange=1000M LED) Port: (Green=Link LED+Orange=PoE LED) V: (Port Isolation LED) S: (Super Mod LED)
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)	210mm*140mm*45mm 270*mm220mm*68mm
N.W/G.W (kg)	1.1kg/1.4kg
Installation	Desktop(optional wall+machine 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)

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.

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