

L3 Managed 2.5G PoE Switch

➤ User's manual

S1100WP-8GT



Product introduction

The 8-port 2.5Gbps L3 Managed PoE switch independently developed by "hasivo" has the line speed forwarding capability per port. With 8 ports 10M/100M/1G/2.5G PoE port. This series of switches have good network adaptability for security monitoring, diskless startup, wireless networking and other applications.

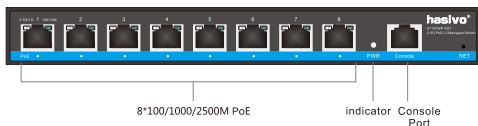
Product characteristics

- ◆ Each port supports MDI / mdix auto flip and duplex / rate self negotiation.
- ◆ Support IEEE 802.3x full duplex flow control and backpressure half duplex flow control.
- ◆ Support IEEE 802.3af/at/poe+ +/BT.
- ◆ Energy saving technology is adopted to automatically adjust the signal strength by detecting the length of network cable and workload, so as to effectively reduce energy consumption.
- ◆ The equipment meets the national CCC standard, fully meets the requirements of safety regulations, and is safe and reliable.
- ◆ Plug and play, no management required.
- ◆ Dynamic LED indicator provides simple working status prompt and troubleshooting.

Product display and description

S1100WP-8GT , 8*100/1000/2500M PoE

Front



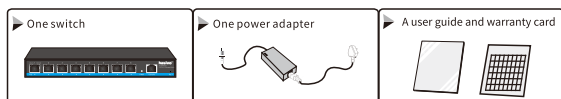
Back



Indicator definition

Front indicator		state	Description
Power indicator: PWR		on	Power on
		off	Power off
PoE indicator: PoE		on	PoE on
Left indicator: 1-8	orange	on	The corresponding port transmission rate is 1G
	green	off	The corresponding port transmission rate is 2.5G
Right indicator: 1-8	orange	on	
	green	off	The corresponding port transmission rate is 10/100M

Product supporting list



Product introduction, 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.

Install to desktop

The switch is usually placed on a clean desktop.

The operation is simple. Please follow the following instructions:

1. confirm that the platform is large, stable and firm enough to bear the weight of switches and accessories;
2. place the bottom of the switch upward on the platform;
3. remove the protective paper on the rubber surface of the four foot mats one by one and paste them on the four corners at the bottom of the chassis in a circular groove;
4. turn the switch over and place it on the desktop smoothly.



Power socket specification

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

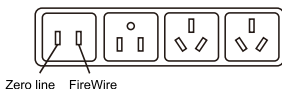


Figure 1.1.1 single phase two wire power socket

Connect the power cord

1. Check that the selected power supply is consistent with the power supply requirements marked on the switch;
2. For the external type, connect the power adapter, connect AC100 ~ 240V, 50 ~ 60Hz and DC input 12V, as shown in Figure 1.1.2.

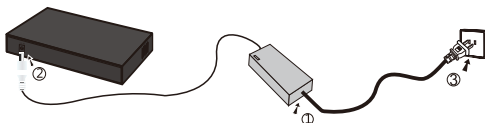


Figure 1.1.2 power connection diagram

Post installation inspection

Please check the following items after installation:

1. Check whether there is enough heat dissipation space around the switch and whether the air circulation is smooth;
2. Check whether the power supply of the power socket meets the specification of the switch;
3. Check that the power supply, switch, rack and other equipment are properly grounded.

Matters needing attention

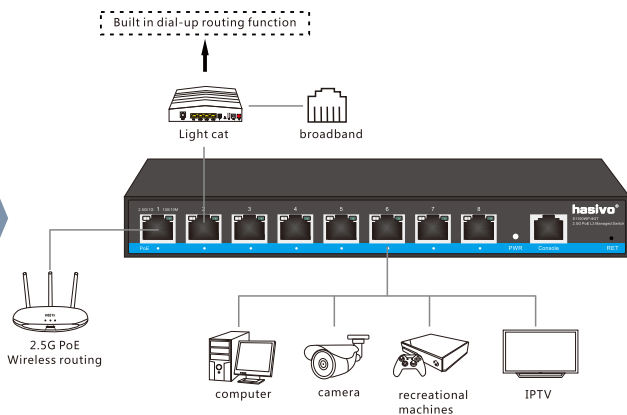
To avoid equipment damage and personal injury caused by improper use, please follow the following precautions:

- During installation, keep the power off, wear anti-static wrist, and ensure that the anti-static wrist is in good contact with the skin to avoid potential safety hazards ;
- The switch can work normally only under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked by the switch;
- Before the switch is powered on, please confirm that it will not cause overload of the power circuit, so as not to affect the normal operation of the switch or even cause unnecessary damage;
- In order to avoid the danger of electric shock, do not open the shell when the switch is working, and do not open it by yourself even when it is not charged;
- Before cleaning the switch, pull out the power plug of the switch. Do not wipe it with wet fabric or clean it with liquid;
- Avoid placing other heavy objects on the surface of the switch to avoid accidents.

Product application

Equipment connection diagram

Connection example of optical cat's own router



Schematic diagram of switch bottom



The bottom of the switch is equipped with a wall jack
(Jack size: 5mm * 5mm)

Hardware parameters

Model	S1100WP-8GT
Product name	L3 Managed 8-Port 2.5G PoE Switch
Fixed Port	8*100/1000/2500M RJ45 PoE port (Data/Power)
PoE Ports	1 port supports IEEE802.3af/at/poe++/bt, max 90W PoE out 2-8 port supports IEEE802.3af/at, max 30W/port, PoE out
PoE Pin	Af/at/bt: 12+ 45+ ; 36- 78- Af/at: 12+ 36-
PoE Bridge	max 120W
Console port	1*console port
Reset Key	1
Bandwidth	80Gbps
Packet Forwarding	29.76Mpps
MAC	16K
Buffer	12M
FLASH	256MBytes
RAM	256MBytes
CPU	MIPS-34Kc dual-core 800MHz
DDR	2G DDR3
Jumbo Frame	Jumbo frame up to 12KB
VLAN Address	4K
Link Aggregation	Supports 128 trunk groups with up to 8 members per group
L3 Routing	IPv4 supports 6K; IPv6 supports 2K
QoS Queue	8
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) 2500BASE-TX : Cat6 or later UTP(100 meter)
LED Indicator	PWR:Power LED 1-8:10/100/1000, 2500M Network connection indicator PoE:Orange PoE indicator
Power	External power DC : 52V 2.5A max 130W (100-240Vac 50/60Hz 1.6A)
Operating Temperature /Humidity	-10~+55°C ; 5%~90% RH Non coagulation
Storage Temperature /Humidity	-40~+75°C ; 5%~95% RH Non coagulation
Product /Packing size (L*W*H)	220mm*112mm*30mm 265mm*220mm*68mm
N.W/G.W (kg)	0.8kg/1.5kg
Installation	Desktop
Lightning Protection level	6KV 8/20us ; IP30
Certificate	3C ; CE-EMC EN55032 ; CE-LVD EN62368 ; FCC Part 15 Class B ; RoHS ;
Warranty	Whole device for 1 year(Accessories not included)

Matters needing attention

To avoid equipment damage and personal injury caused by improper use, please follow the following precautions:

- During installation, keep the power off, wear anti-static wrist, and ensure that the anti-static wrist is in good contact with the skin to avoid potential damage. Potential safety hazards in;
- The switch can work normally only under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked by the switch;
- Before the switch is powered on, please make sure that the power circuit will not be overloaded, so as not to affect the normal operation of the switch or even cause unnecessary damage;
- In order to avoid the risk of electric shock, do not open the shell when the switch is working, and do not open it by yourself even when it is not charged;
- Before cleaning the switch, pull out the power plug of the switch. Do not wipe it with wet fabric or clean it with liquid;
- The equipment installed in the rack is generally from bottom to top to avoid overload installation;
- Avoid placing other heavy objects on the surface of the switch to avoid accidents.

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