hasivo®

L3 Managed Switch
⊙ User 's manual

F1100W-8S+

Product introduction

The F1100W-8S+10-megawatt three-layer enterprise multi-functional network management switch independently developed by hasivo is specially optimized and enhanced for enterprise customers, with higher reliability. The equipment adopts Broadcom's new generation of high-performance platform and hasivo's new self-developed switch system; It supports flexible network management functions such as 802.1Q VLAN, IGMP, port monitoring, port aggregation, bandwidth control, and ring network application, which can easily adapt to the current complex network application environment. It is suitable for hotels, campuses, factory dormitories and enterprises to establish an economic and efficient network.
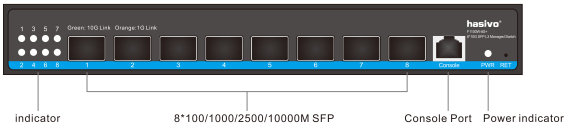
Product characteristics

- ◆ Each port supports MDI/MDIX automatic rollover and duplex/rate self-coordination.
- ◆ Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.
- ◆ Energy-saving technology is adopted to automatically adjust the signal strength by detecting the length of network cable and working load, effectively reducing energy consumption.
- ◆ The equipment meets the national CCC standard, fully complies with the requirements of safety regulations, and is safe and reliable to use.
- ◆ Plug and play without management.

Product display and description
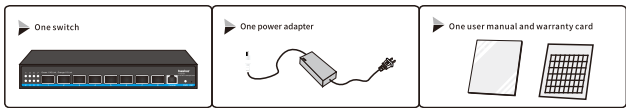
F1100W-8S+ 8*100/1000/2500/10000M SFP

Front

indicator   8*100/1000/2500/10000M SFP   Console Port   Power indicator

Back

DC input

Indicator definition

Front indicator		state	Description
PWR:Power indicator		on	Power on
		off	Power off
1~8:SFP indicator	Orange	on	The corresponding optical port works at 1G speed
		off	SFP off
	Green	on	The corresponding optical port works at 10G speed
		off	SFP off

Product supporting list

One switch

One power adapter

One user manual and warranty card

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 chassisIn 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.
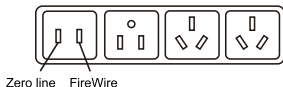

Zero line   FireWire

Figure 1.1.1single 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.
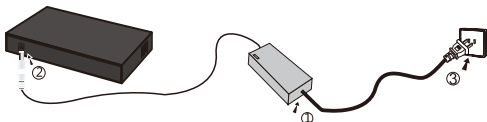

Figure 1.1.2 power connection diagram

Connecting SFP ports

The process of installing the optical fiber module in the switch is as follows:

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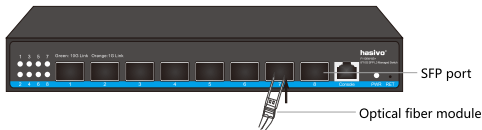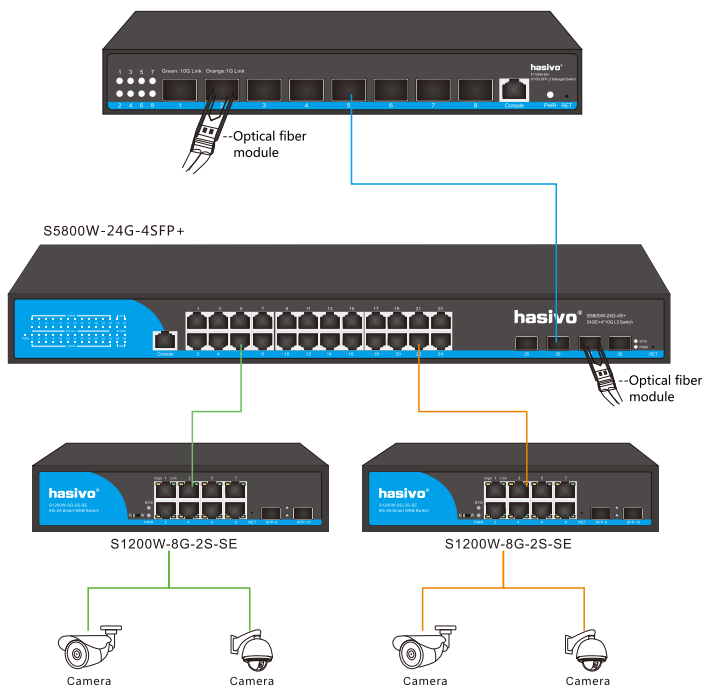

Figure 1.3.1

Post installation inspection

After installation, check the following:

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 have been properly grounded;

Equipment connection diagram

--Optical fiber module

S5800W-24G-4SFP+

--Optical fiber module

S1200W-8G-2S-SE

S1200W-8G-2S-SE

Camera

Camera

Camera

Camera

Hardware parameters

Model	F1100W-8S+
Product mame	8 SFP Full 10G L3 Convergence Managed Switch
Fixed Port	8*100/1000/2500/10000M SFP
Console port	1*console port
Reset Key	1
Bandwidth	160Gbps
Packet Forwarding	119.04Mpps
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
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	PWR:Power LED SYS:System LED 1-8:10/100/1000/2500M Network connection indicator
Power	External power:DC12V 2A (AC:100-240Vac 50/60Hz 0.3A max 24W)
Operating Temperature /Humidity	-10～+55℃ ; 5%～90% RH Non coagulation
Storage Temperature /Humidity	-40～+75℃ ; 5%～95% RH Non coagulation
Product /Packing size (L*W*H)	220mm*112mm*30mm 265mm*220mm*68mm
N.W/G.W (kg)	0.7kg/1.2kg
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 damagePotential 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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