hasivo®

10G L3 Management Series
▶user's manual

F1100W-8SX

F1100W-6SX-2XGT

F1100W-4SX-4XGT

F1100WP-4SX-4XGT

hasivo, Sichuan

1 Product Introduction

Hasivo 10G L3 Management Switch: All ports have 10 Gigabit line speed forwarding capability and have 1G/2.5G/10G SFP+ports. This series of switches is designed for applications such as security monitoring, diskless startup, and wireless networking, and has good network adaptability.
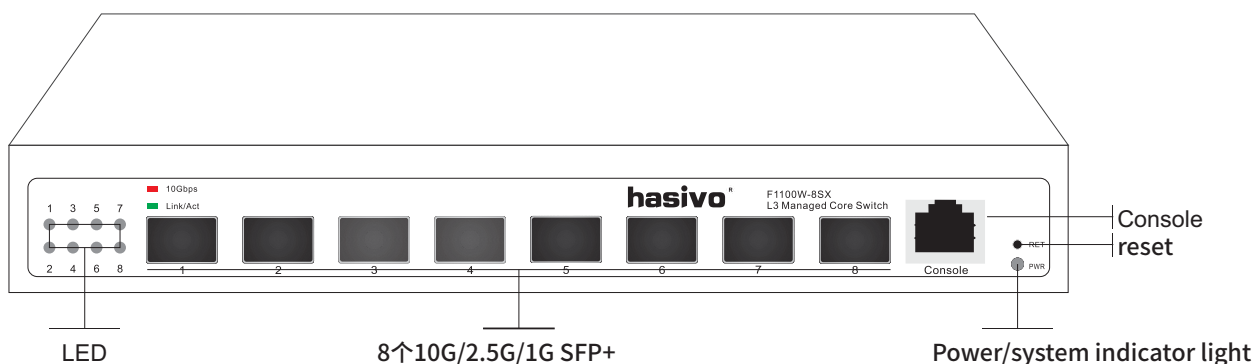
characteristic

◆ Dynamic LED indicator light, providing simple working status prompts and troubleshooting

◆ Support multiple management methods such as HTTP, HTTPS, SSH, Telnet, CLI, etc

◆ Support loop detection, STP/RSTP/MSTP spanning tree protocol

◆ Support 801.1q VLAN, which can be flexibly divided into VLANs according to requirements

◆ Support port aggregation, effectively increase link bandwidth, achieve link backup, static link/LACP

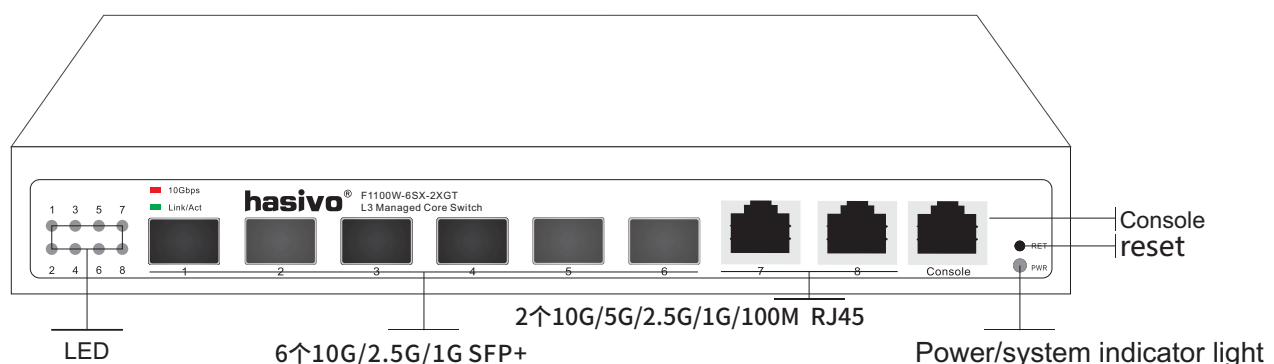◆ For more functions, please refer to the electronic manual
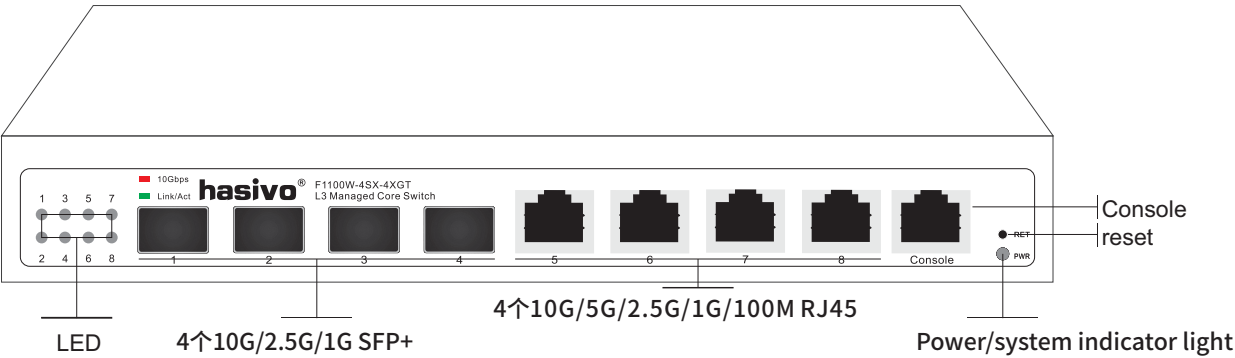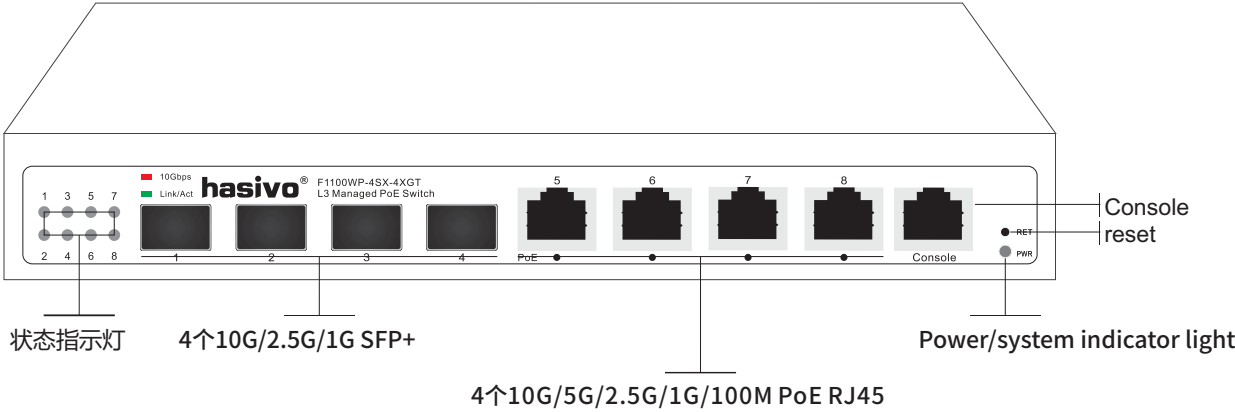
2 Product Display

front

1.model:F1100W-8SX

LED   8个10G/2.5G/1G SFP+   Power/system indicator light

2.model:F1100W-6SX-2XGT

LED   6个10G/2.5G/1G SFP+   2个10G/5G/2.5G/1G/100M RJ45   Power/system indicator light

3.model:F1100W-4SX-4XGT

LED   4个10G/2.5G/1G SFP+   4个10G/5G/2.5G/1G/100M RJ45   Console reset   Power/system indicator light

4.model:F1100WP-4SX-4XGT

状态指示灯   4个10G/2.5G/1G SFP+   4个10G/5G/2.5G/1G/100M PoE RJ45   Console reset   Power/system indicator light

back

1.model:F1100W-8SX/F1100W-6SX-2XGT/F1100W-4SX-4XGT/ F1100WP-4SX-4XGT

DC input interface   grounding post
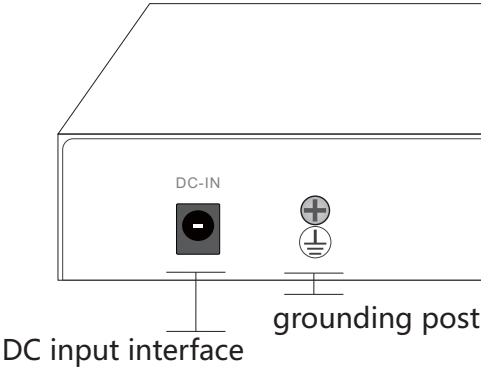
Definition of indicator lights

indicator	definition	state	description
PWR	Power indicator light System indicator	off	The device is not powered on
		on	Not powered on
		1/2(Slow flash)	The device is powered on and the system is running normally
		1/4(quick flash)	Abnormal operation of equipment power on system
1-8(red)	Port 10G indicator light	off	The port is not working in this mode
		on	Port connection successful in 10G mode
		flash	Data transmission is in progress in 10G mode
1-8(green)	Port Link/ACT indicator light	off	The port is not working in this mode
		on	Port connection successful
		flash	Port connection successful, data transmission in progress
PoE	Port PoE status indicator light	off	Port without PoE
		on	Port PoE working

Non PoE series

▶ A switch	▶ A manual and warranty card	▶ A set of foot pads	▶ A power adapter

PoE series

▶ A switch	▶ A manual and warranty card	▶ A set of foot pads	▶ A power adapter Apower cord
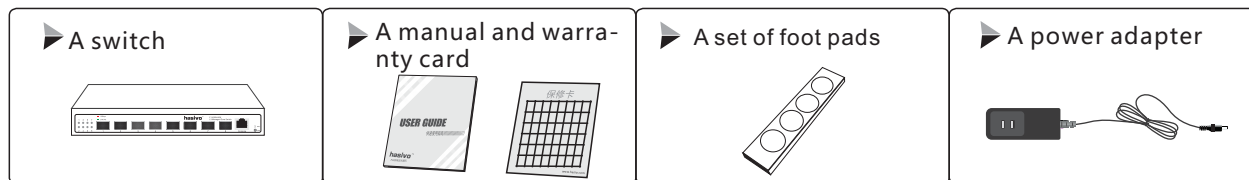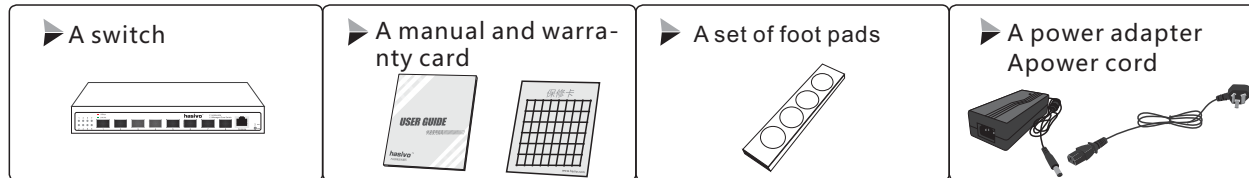
Note: The pictures are for reference only, and the actual product shall prevail.

3 Product installation and precautions

For the safe installation and operation of the switch, we recommend that you:

● → Check if the power cord is securely wrapped around the AC power connector,Is the DC cable damaged

● → Ensure proper heat dissipation and ventilation around the switch.

● → Do not stack heavy objects on top of the switch.

Desktop installation

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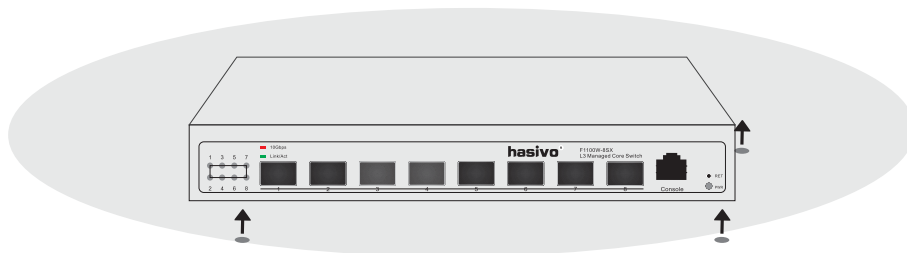
Power socket specifications

The standard specifications for a conventional power strip include a single-phase two-wire power socket and a single-phase three wire socket. The three wire socket has a grounding wire in the middle, a neutral wire on the left pin, and a live wire on the right pin. The two-wire socket has no grounding wire. Please check before operation

Ground wire

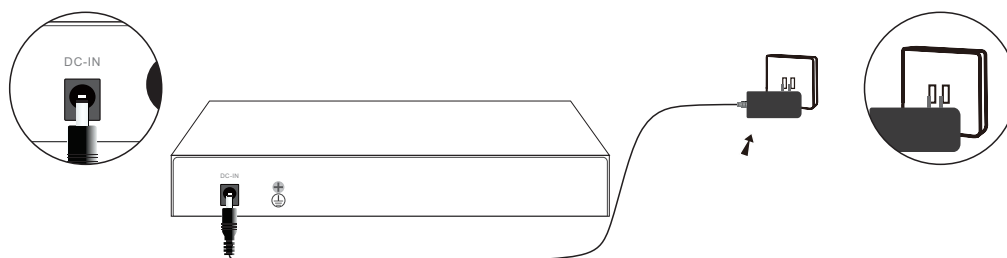neutral wire   live wire neutral wire   live wire
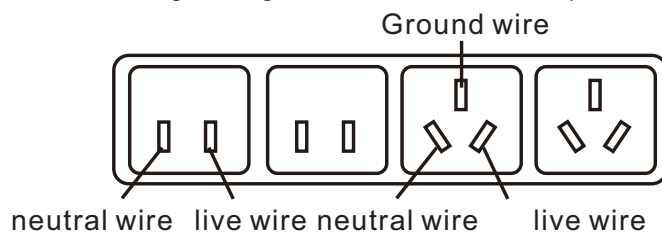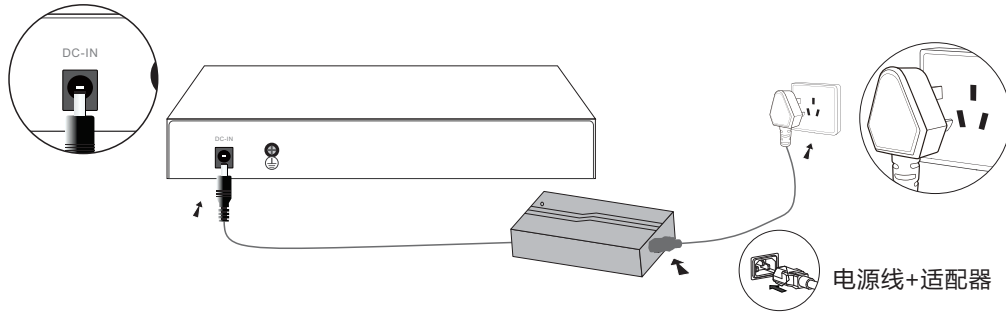
Power supply socket

Connect the power cord

Check that the power supply matches the power supply indicated on the switch;
Non PoE switch connected to power supply, direct AC 100~240V, 50~60Hz mains power, DC output 12V

PoE switch connected to power supply, direct AC 100~240V, 50~60Hz mains power, DC output 52V

电源线+适配器

Power Connection Diagram

Check after installation

Please check the following items after installation:
1. Check if there is sufficient heat dissipation space around the switch and if the air circulation is smooth;
2. Check if the power supply of the power socket meets the specifications of the switch;
3. Check that the power supply, switches, racks, and other equipment are properly grounded;
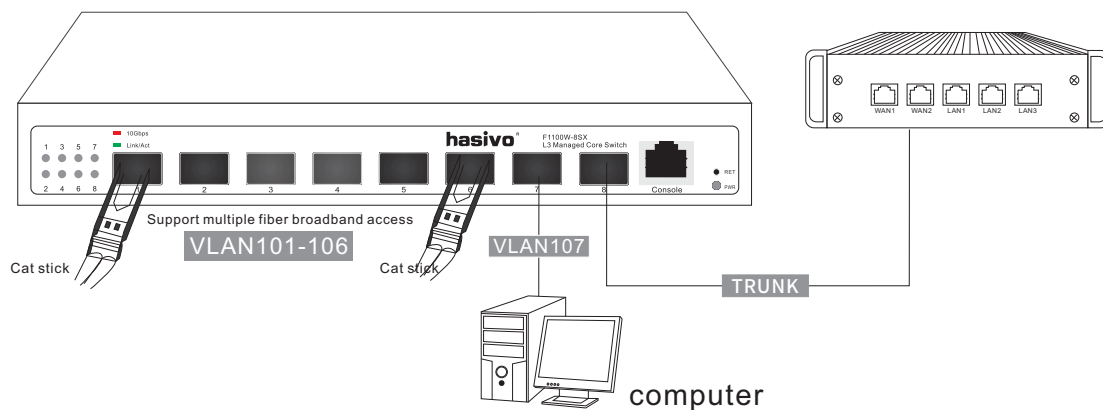
4 How to log in to the web interface

1. The switch is powered on and started normally, and any interface is connected to the computer network port used for login management

2. Ensure that the function switch on the front panel of the switch is in the "WEB" position (only for support function switch series)

3. To manage a computer, at least IE 8.0 or above, the latest versions of Firefox, Chrome, and Safari browsers, or one of the browser software using the above core, must be installed

4. The IP address of the network card connecting the management computer to the switch should be in the same segment as the management IP of the switch. When first set, it should be 192.168.0. * (* is any integer between 2 and 254), and the subnet — ask should be 255.255.255.0

5. Open the browser and enter the management address of the switch in the address bar. The default address is http://192.168.0.1 Login to the management interface of the switch

6. In the pop-up login window, enter the switch management username and password. The default username and password are both admin

Internet Protocol Version 4 (TCP/IPv4) Properties	✕

routine

If the network supports this feature, it can obtain automatically assigned IP settings Otherwise You need to obtain the appropriate IP settings from the network system administrator

○ Automatically obtain IP address (O)

◉ Make the following IP address (S):

IP address(S):   192.168. 0 . 8
Subnet Mask(U):   255.255.255. 0
Default gateway(D):   .   .

○ Automatically obtain DNS server address (B)

◉ Use the following DNS server address (E):

Preferred DNS server: .   .
Backup DNS Server (A):   .   .

☐ Verify settings upon exit (L)   Advanced (V)…

[sure]   [cancel]
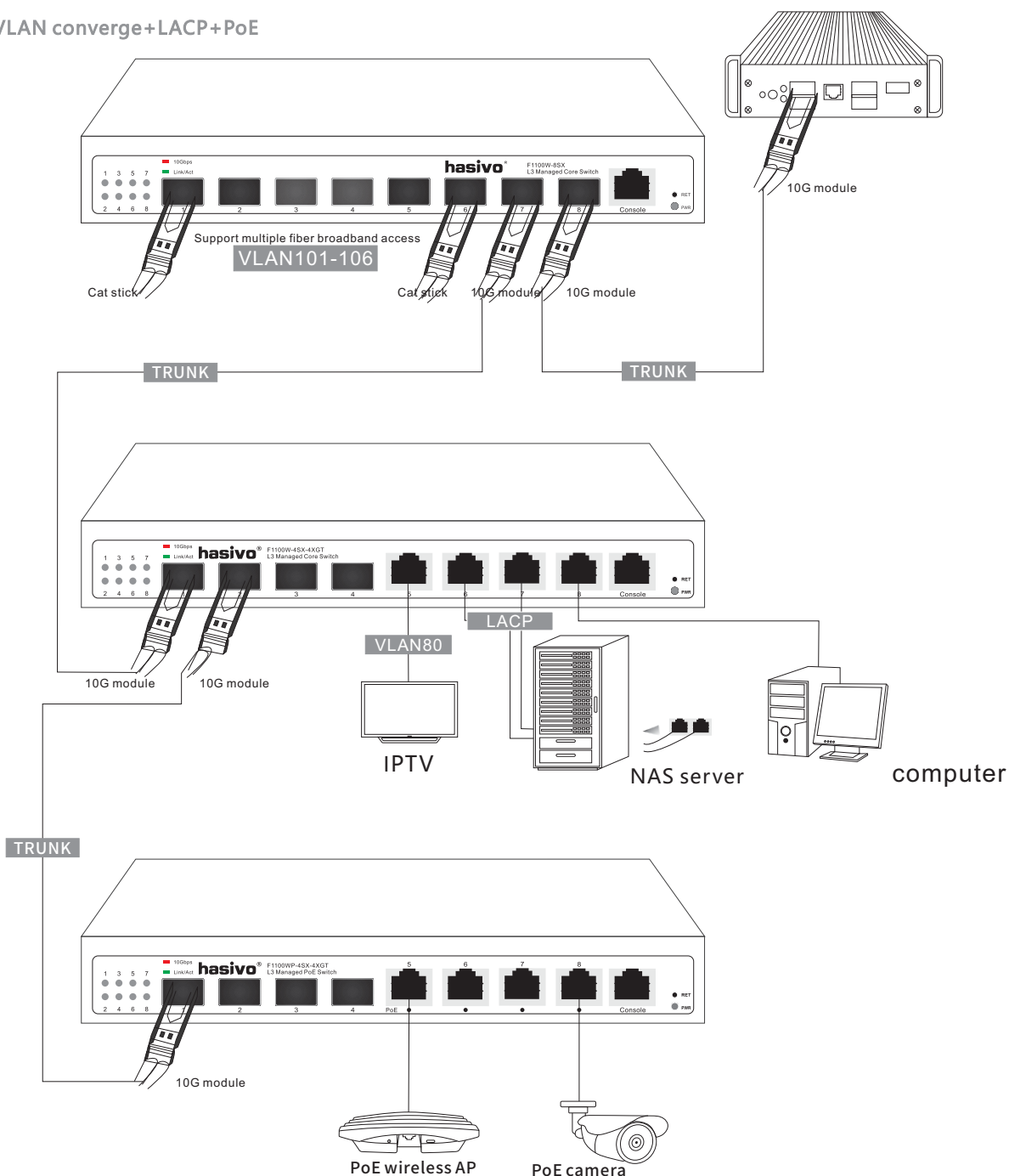
user name: admin
password: admin
language: English ▼

[log on]

*After setting all configurations, please click on the top right corner: Save

5 Application examples

VLAN converge

Support multiple fiber broadband access

VLAN101-106

VLAN107

Cat stick

Cat stick

TRUNK

computer

VLAN converge+LACP+PoE

10G module

Support multiple fiber broadband access

VLAN101-106

Cat stick

Cat stick

10G module

10G module

TRUNK

TRUNK

10G module

10G module

VLAN80

LACP

IPTV

NAS server

computer

TRUNK

10G module

PoE wireless AP

PoE camera

*The above examples are for reference only. If you need assistance, please contact the staff

6 Product parameters

model	F1100W-8SX	F1100W-6SX-2XGT	F1100W-4SX-4XGT	F1100WP-4SX-4XGT
fixed port	8个10G/2.5G/1G SFP+	6个10G/2.5G/1G SFP+ 2个10G/5G/2.5G/1G/100M RJ45	4个10G/2.5G/1G SFP+ 4个10G/5G/2.5G/1G/100M RJ45	
PoE port				5:IEEE802.3af/at/bt MAX90W 6-8:IEEE802.3af/at MAX30W
RET	1			
Console	1（Default baud rate38400）			
CPU	MIPS-34Kc 800MHz			
DDR	1G DDR3			
Forward mode	store and forward			
MAC	16K			
backplane bandwidth	160Gbps			
packet forward rate	119.04Mpps			
network standards	IEEE 802.3、IEEE 802.3i、IEEE 802.3an、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3x、IEEE 802.1p、IEEE 802.1q			
distance	SFP+：Supports 1G/2.5G/10G single-mode multi-mode optical modules, with a max distance of ≤ 120km (depending on the optical module)	100 Mbps: Cat5 or later UTP (=100 meters) 1000 Mbps: Cat6 or later UTP (=100 meters) 2500 Mbps: Cat6 or later UTP (≤ 100 meters) 5000 Mbps: Cat6 or later UTP (≤ 80 meters) 10000 Mbps: Cat6 or later UTP (≤ 30 meters) SFP+：Supports 1G/2.5G/10G single-mode and multi-mode optical modules,Maximum distance ≤ 120km (depending on the optical module)		
LED	PWR: Power indicator light/system indicator light 1-8: Port Link/ACT indicator light (red represents 10G speed; green represents Link)			PoE: Port PoE indicator light
Input power supply	DC12V 2A			DC 52V 2.5A
Usage environment	Working temperature -10~55 ℃； Storage temperature -40~75 ℃； Working humidity 5%~90%, relative humidity non condensing Storage humidity 5%~95% relative humidity non condensing			
Product/ Packaging Size	Product size: 223mm * 112mm * 31mm Packaging size: 270mm * 220mm * 65mm			
NW /GW(kg)	0.9kg/1.19kg	0.85kg/1.14kg	0.93kg/1.22kg	0.94kg/1.64kg
Protection grade	IP30			
Installation	Desktop style			
Warranty	Complete machine warranty for one year (excluding accessories)			

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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