hasivo®

➤ Manual for S5800-16G-2S

All gigabit ethernet switch

01 Product introduction

Product overview

hasivo independently developed S5800-16G-2S all gigabit ethernet switch with simple and convenient installation and maintenance means and rich business characteristics, which helps users to create security high performance network. The product can be widely used in the field of data exchange such as home network, multimedia classroom, security monitoring, wireless network and so on.

Port performance

◆ Provide 16*10/100/1000M RJ45 ports which can realize line speed forwarding.
◆ Provide 2 SFP uplink ports for high-speed uplink transmission.
◆ Each port supports MDI/MDIX automatic flip and duplex / rate self negotiation.
◆ Support IEEE 802.3x full duplex flow control and backpressure half duplex flow control.

02 Spare parts list

| Network Switch | AC power cable | User manual+Warranty Card | Rack hanger |

03 Product display

Front

Back

Indicator Function switch Downlink Port Uplink Port

Ground screw AC Power

Indicator definition:

Indicator	Status	Description
Power indicator: PWR	Green light is always on	Power on normal
	Always off	No power
LINK/ACT indicator: 1~16 [2 and 3 Line]	Light is on	The corresponding port works at 10/100M speed
	Light is flashing	The corresponding port has data transmission
	Always off	The corresponding port hasn't data transmission
1000M indicator: 1~16 [1 and 4 Line]	Light is on	The corresponding port works at 1000M speed
SFP indicator: 17-18	Light is flashing	The corresponding port has data transmission
	Always off	The corresponding port hasn't data transmission

Function:

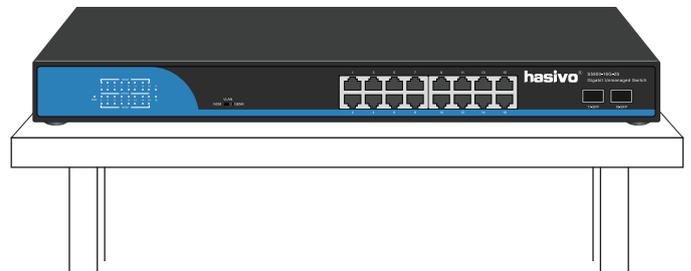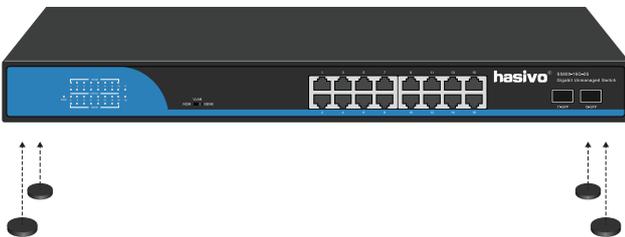| Function identifier	Work mode	Description
N	Standard switching mode	All ports communicate freely, suitable for common data transmission environment
V	Port isolation mode	The downlink ports are isolated from each other, which is suitable for the use scenarios of connecting wireless AP, suppressing network storm and improving network performance
C	Flow control mode	Port flow balance control, prevent big data flow packet loss, ensure the efficient and stable operation of user network

04 Installation&Points of attention

Checking before installation

1.Check whether the accessories are complete. If there is any omission, please contact us.
2.Check whether the power supply voltage is consistent with the working voltage of the switch,so as to avoid the equipment burning out due to high voltage.
3.Ensure that the installation position of the switch has certain ventilation and heat dissipation conditions.
4.Please keep the power off during installation to avoid potential safety hazards.
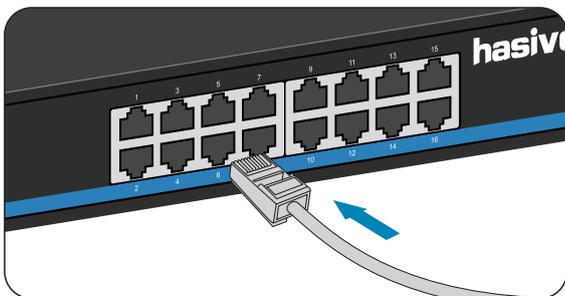5.Please install the switch on a stable plane to avoid falling and damage.

Install to desktop

1.Attach the four non slip rubber footmats that came with the device to the bottom four corners of the switch.

2. Place the switch on the horizontal desktop in the ventilation area.
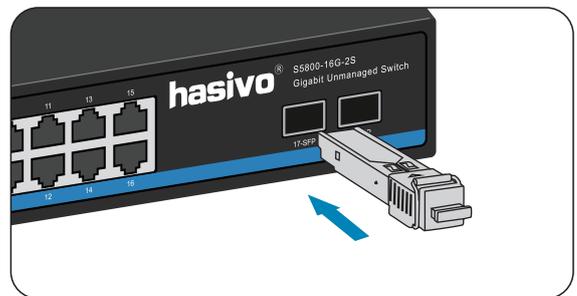
3.Insert the data cable and SFP module

> Insert the data cable

> Install the SFP module

As shown in the figure, insert the crystal head of the data cable into the network port. When you hear a clear click, it indicates that the crystal head is successfully connected with the network port of the switch. Just plug in all the network cables of the network equipment in this way.

As shown in the figure, align the optical fiber module with the optical port of the SFP and insert it smoothly. When you hear a clear click, it indicates that the optical fiber module is installed successfully. Just install the two optical fiber modules in this way.

(Note: 1-16 network ports are downlink ports, which need to be connected with network equipment; 17-18 network ports are uplink ports which needs to be connected to router, server and other devices.)
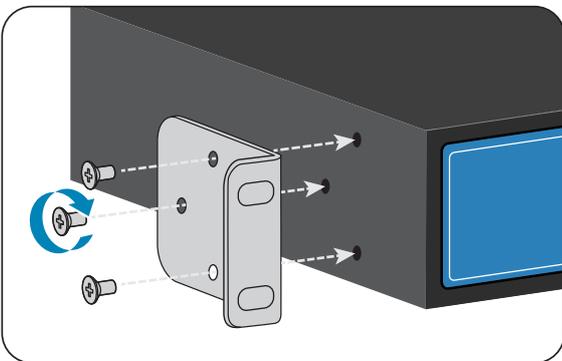
(Note: single fiber optical module should be used in pairs with 1310nm A and 1550nm B.Please purchase and check by yourself before installation)

4.Connected the power
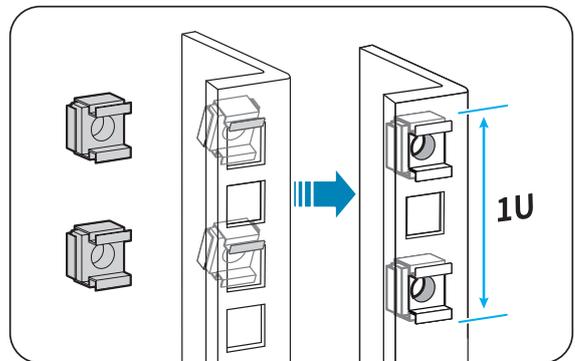

AC Power in 100V~240V 50/60Hz

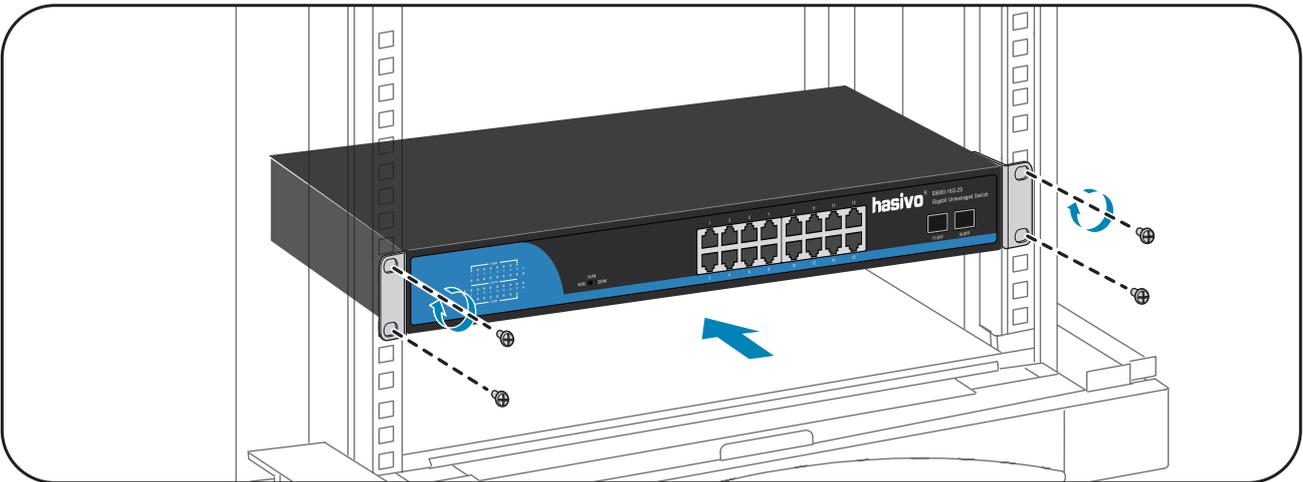Three hole socket
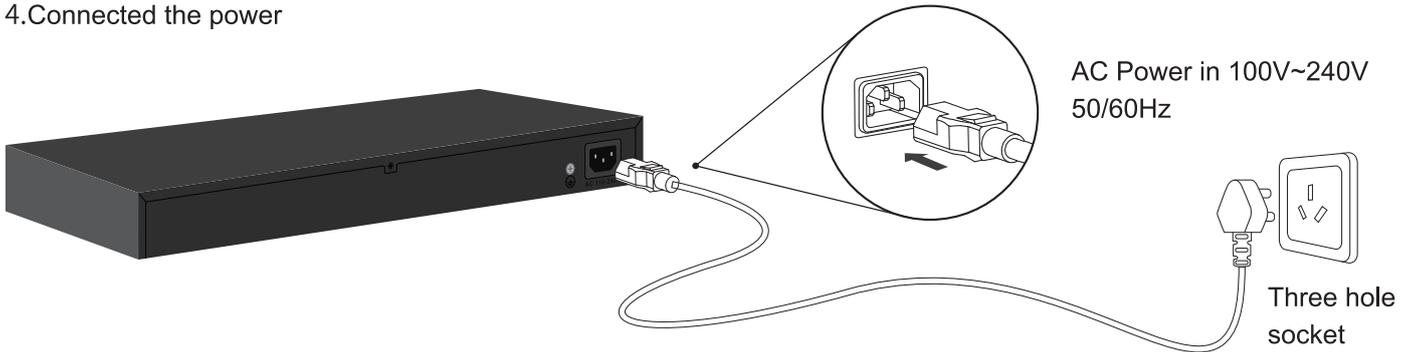
Install to cabinet/Rack

1. install the rack lug attached to the equipment to both sides of the switch with screws

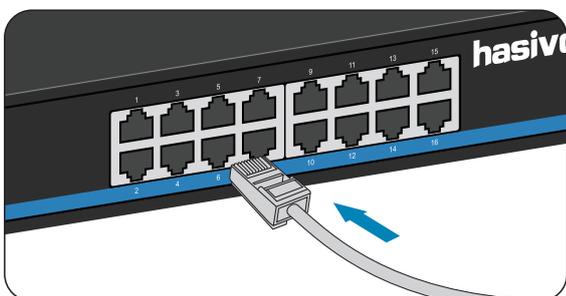2. Install floating nut on cabinet / rack

1U

3. Put the switch installed with the lug into the cabinet and screw on the screw to complete the installation.

4.Insert the data cable and SFP module

> Insert the data cable


> Install the SFP module

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(Note: single fiber optical module should be used in pairs with 1310nm A and 1550nm B.Please purchase and check by yourself before installation)
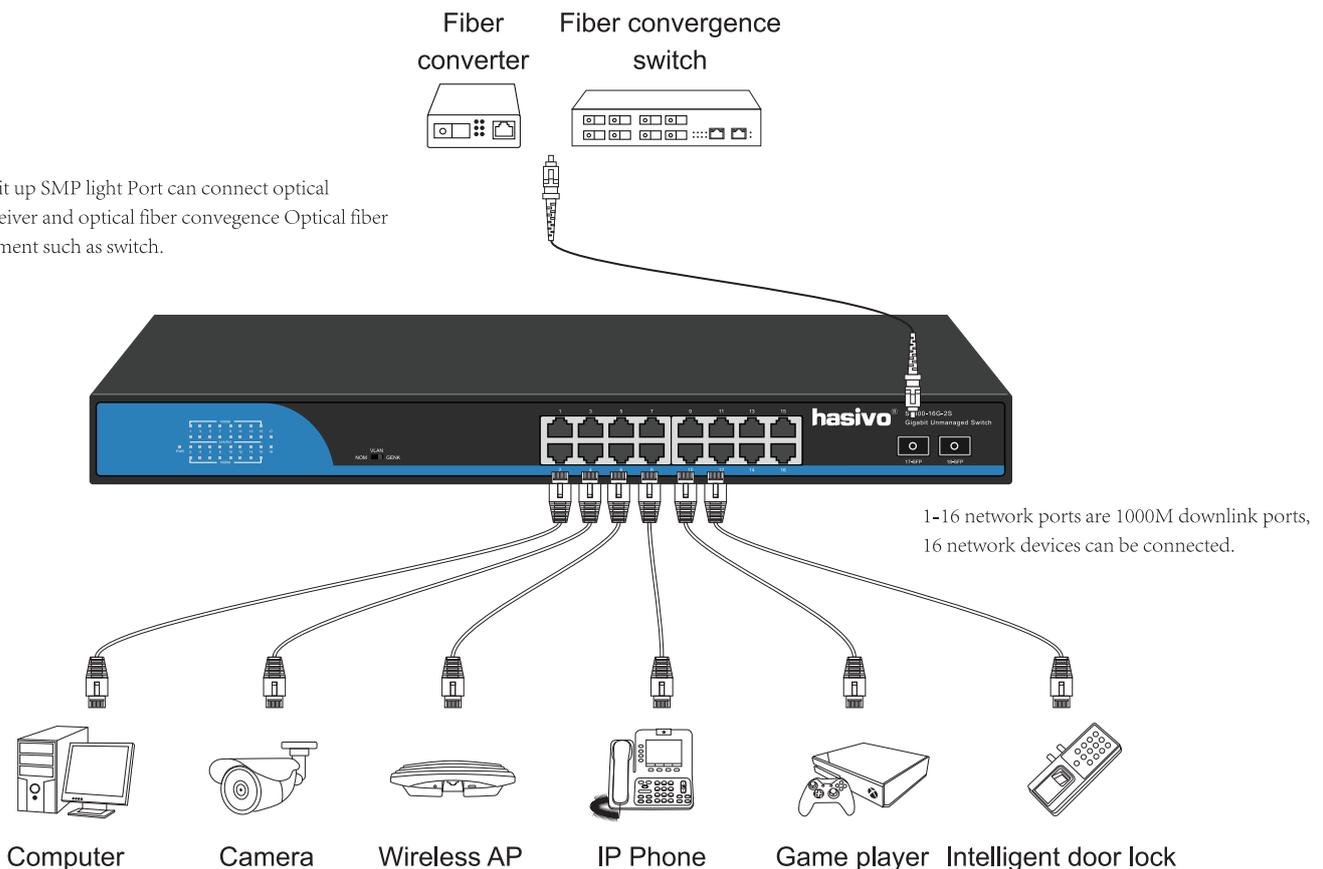
4.Connected the power

AC Power in 100V~240V 50/60Hz

Three hole socket
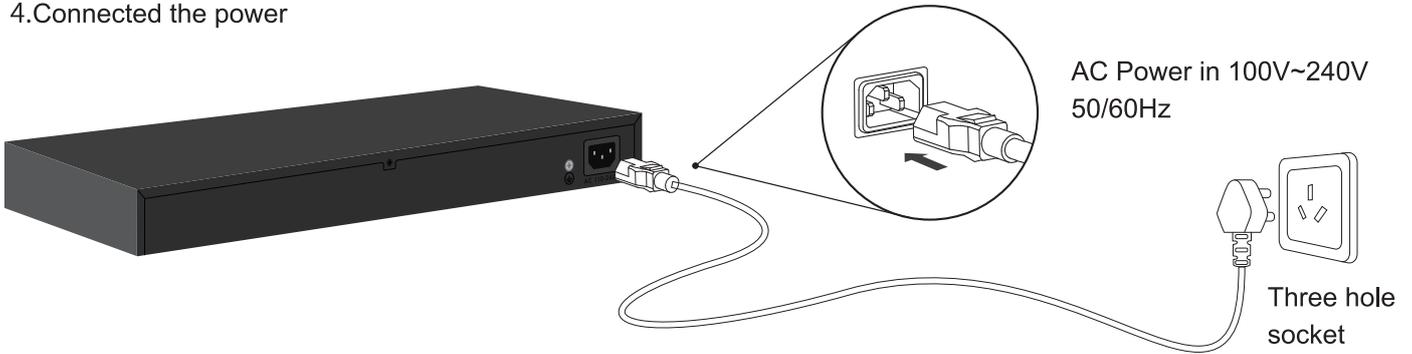
Points of attention

1.Do not stack heavy objects on the switch to avoid danger.

2.In order to avoid the risk of electric shock, please do not open the machine box when the switch is working, even if it is not powered on, please contact us in case of any problem.

3.Before cleaning the switch, pull out the power plug of the switch. Do not wipe it with wet fabric or clean it with liquid.

4.If the power adapter is damaged, do not replace it with other power adapters. This switch should be equipped with original power adapter.

05 Application

Fiber converter

Fiber convergence switch

Gigabit up SMP light Port can connect optical transceiver and optical fiber convegence Optical fiber equipment such as switch.

1-16 network ports are 1000M downlink ports, 16 network devices can be connected.

Computer   Camera   Wireless AP   IP Phone   Game player   Intelligent door lock

06 Common troubleshooting

⚠ *The PWR indicator is not on after the power is connected* ➡ *Check whether the power adapter and plug are connected correctly, whether the power cord is damaged, and whether the power adapter is damaged.*

⚠ *Switch cannot communicate after power up* ➡ *Check whether the switch indicator is on. If the indicator is off, the network cable is not connected. If the indicator is on, the communication fault is indicated.*

⚠ *Switch network speed suddenly become very slow* ➡ *Take off the plug and restart the switch.*

[If the above problems or other switch problems can not be solved, please contact us for technical support]

Model	S5800-16G-2S
Product	Enterprise all Gigabit 16+2 Ethernet Switch
Fixed Port	16*10/100/1000Base-TX RJ45 port (Data) 2*1000M SFP
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u100BASE-TX IEEE 802.3ab1000BASE-T IEEE 802.3z 1000BASE-X IEEE 802.3x IEEE 802.1q VLAN
Function	N_Standard normal; V_Port isolation; C_Flow Control mode
Port Specification	10/100/1000BaseT（X）Auto
Transmission Mode	Store and Forward（full wirespeed）
Bandwidth	56Gbps
Packet Forwarding	40.32Mpps
MAC Address	8K
Buffer	4.1M
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) 1000BASE-SX: 62.5μm/50μm MMF(2m~550m) 1000BASE-LX: 62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
Watt	≤20W
LED Indicator	PWR:Power LED 1-16:(Link LED =10/100/1000M) 17-18:(Gigabit uplink 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）	440mm*200mm*45mm 513mm*300mm*95mm
N.W/G.W（kg）	1.6kg/2.2kg
Installation	Rack-mount(optional machine hanger spare parts)
Lightning protection level	3KV 8/20us； IP30
Certificate	3C； CE mark, commercial；CE/LVD EN60950； FCC Part 15 Class B；RoHS；
Warranty	Whole device for 1 year(Accessories not included)

hasivo®

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