hasivo®

➤ Manual for S2600P-16G-2TS

Gigabit uplink PoE switch

01 Product introduction

Product introduction

S2600P-16G-2TS is a full Gigabit high-performance enterprise unmanaged PoE switch independently developed by hasivo, in which ports 1 ~ 16 support IEEE802 3af / at standard Poe power supply, as Poe power supply equipment, can automatically detect and identify the power receiving equipment that meets the standard and supply power to it through network cable. It is suitable for hotels, campuses, factory dormitories and enterprises to establish an economic and efficient Poe network.

Port performance

- 16 10 / 100 / 1000M PoE RJ45 adaptive ports are provided, and all ports can realize line speed forwarding.
- 2 Gigabit network ports + 2 Gigabit SFP photoelectric multiplexing uplink ports are provided for high-speed uplink transmission.
- 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.

PoE power supply

- It complies with IEEE 802.3af/at PoE power supply standard. The maximum PoE output power of the whole machine is 300W, and the maximum PoE output power of single port is 30W.
- Automatically identify PoE equipment for power supply without damaging non PoE equipment.

02 Accessories list

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

03 Product display

Front

Indicator light
Downlink port
Upstream port
Function switch

Back

Ground screw   AC Power

Indicator definition:

Indicator		Status	Description
Power indicator		Green light is always on	Power on normal
		Always off	No power
Downlink port indicator:1-18	Green	Light is on	The corresponding port has data transmission
	Orange	Light is on	The corresponding port PoE output normal
SFP indicator: 19-20		Light is on	The corresponding SFP port has data transmission

Function switch Description:

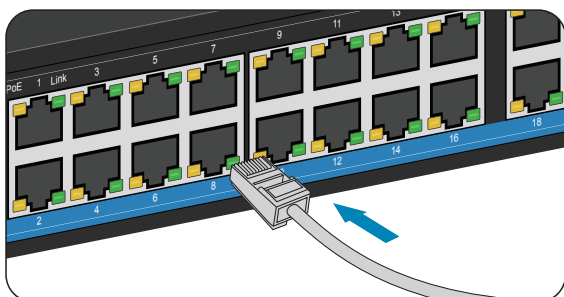| Functional representation	Working mode	Function description
N	Standard switching mode	All ports communicate freely and are suitable for ordinary data transmission environment
V	Port isolation mode	The downlink ports are isolated from each other, which is applicable to the use scenario of connecting wireless AP and can be suppressed Network storm to improve network performance
C	Flow control mode	Port traffic balance control to prevent packet loss of large data traffic and ensure high user networkEfficient and stable operation

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.
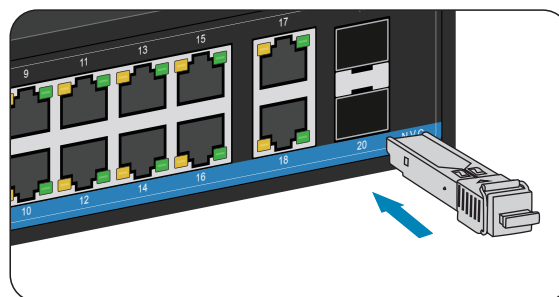
Port installation and connection

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.

（Note: The downlink port needs to be connected with network equipment; the uplink port needs to be connected with optical fiber convergence switch, server and other equipment）
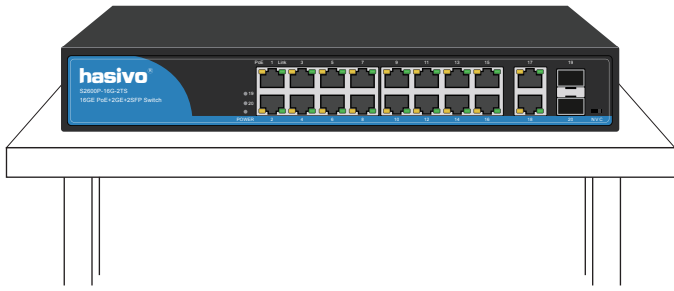
As shown in the figure, align the optical fiber module with the optical port of the SFP and insert it smoothly. When you hear a clear click, it indicates that the optical fiber module is installed successfully. Just install the two optical fiber modules in this way.

（Note: single fiber optical module should be used in pairs with 1310nm A and 1550nm B.Please purchase and check by yourself before installation）
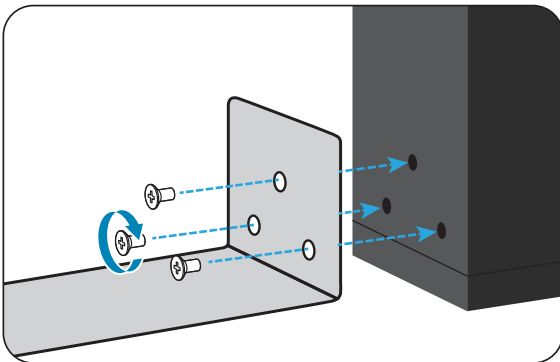
Install to desktop
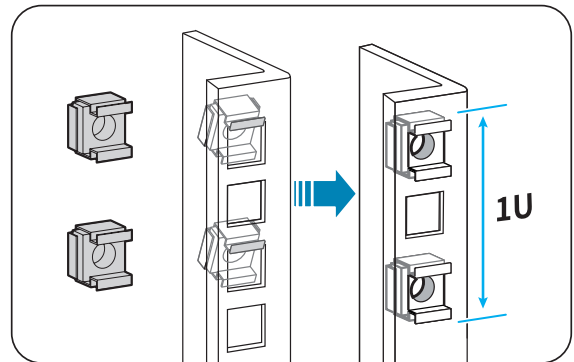
Place the switch on the desktop

The switch shall be placed on a well ventilated horizontal desktop, which is conducive to better heat dissipation of the equipment
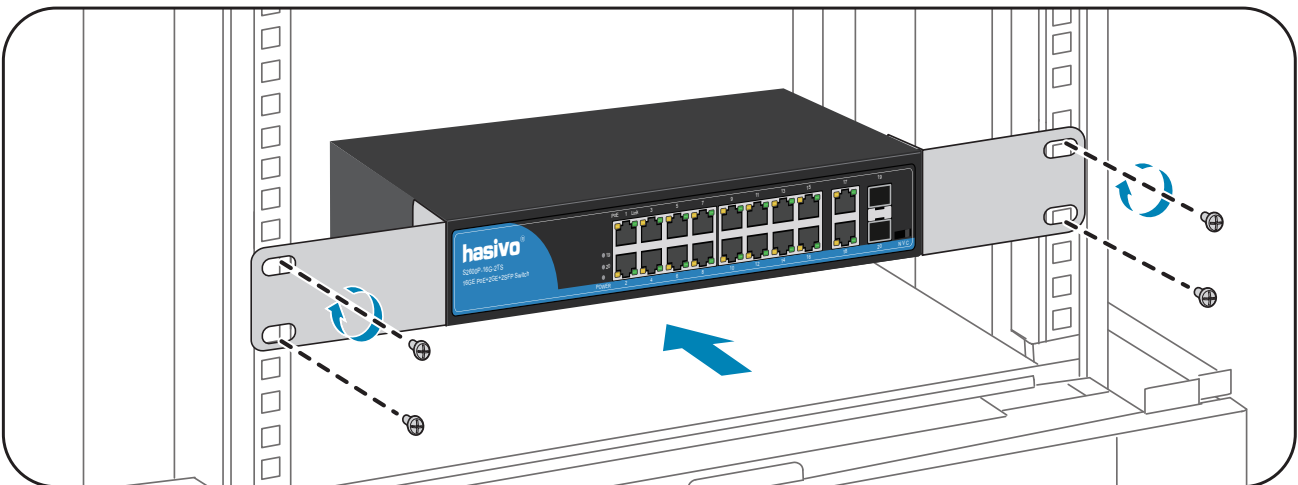
Install to cabinet/Rack

1. Install the rack lug attached to the equipment to both sides of the switch with screws
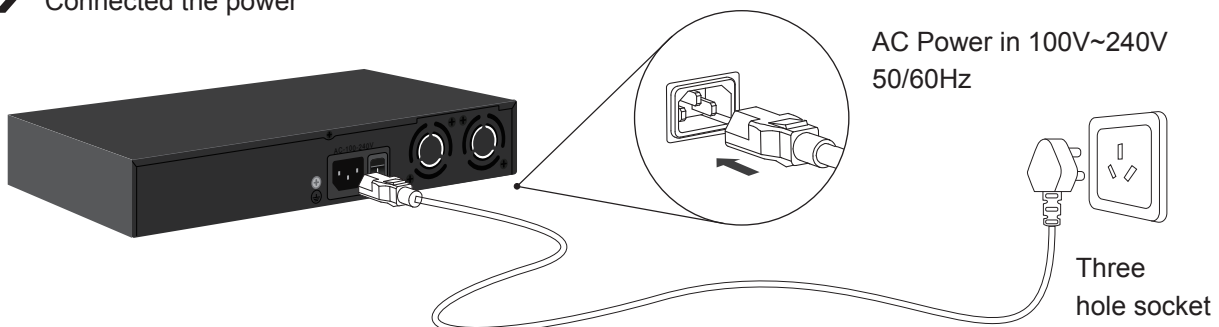
2. Install floating nut on cabinet / rack

1U

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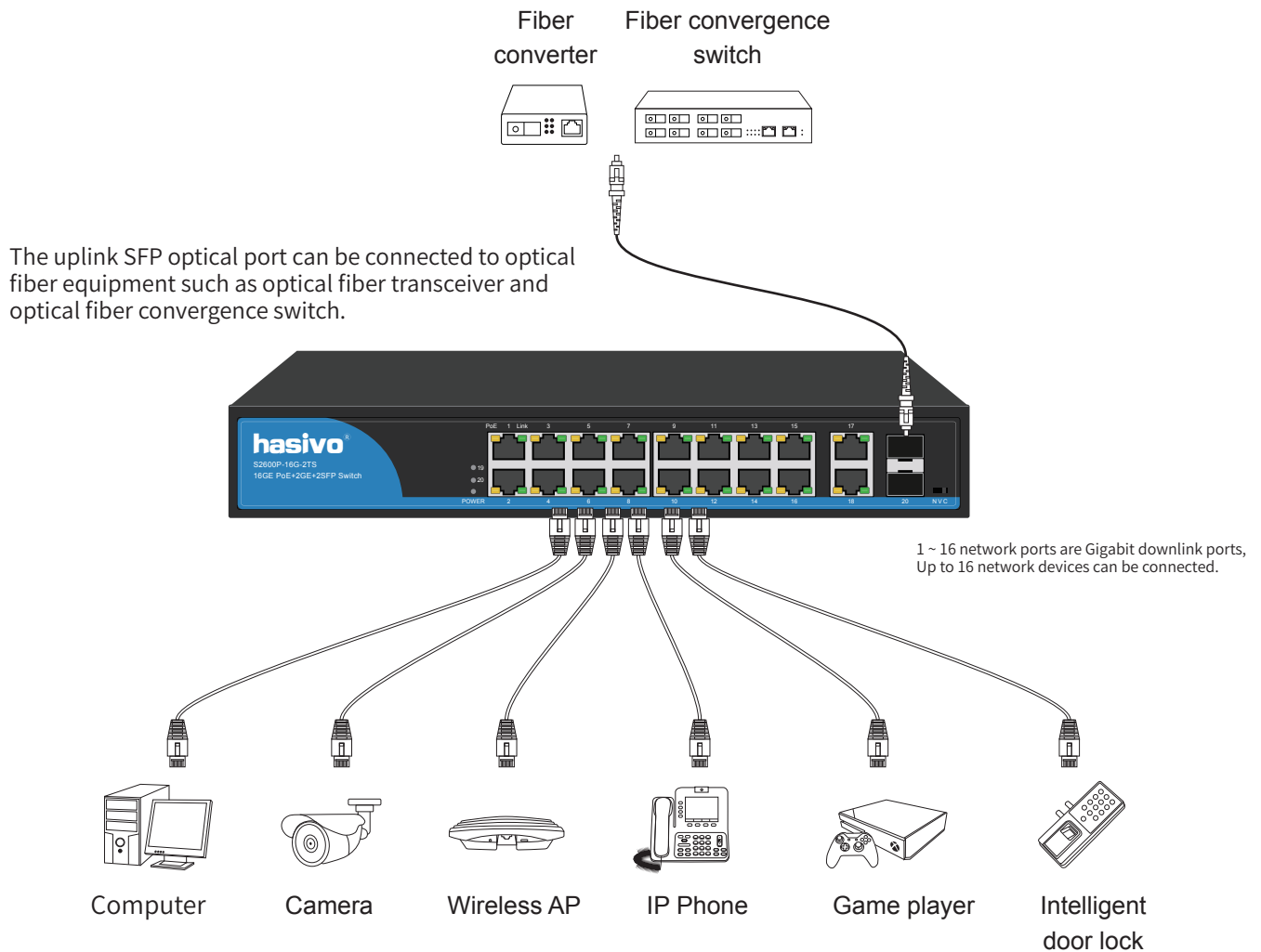
Power on

>>> 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

The uplink SFP optical port can be connected to optical fiber equipment such as optical fiber transceiver and optical fiber convergence switch.

1 ~ 16 network ports are Gigabit downlink ports,
Up to 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	S2600P-16G-2TS
Product	2 Optical 16 Electric Full Gigabit PoE Switch
Fixed Port	16*10/100/1000Base-TX PoE port（Data/Power） 2*10/100/1000Base-TX RJ45 port (Data) 2*1000M SFP
PoE Port	1-16 port supports PoE(Optional First Port Output HiPoE_60w)
Function Switch	N_ Standard mode + V_ Port isolation + C_Flow control mode (refer to the user manual for specific ports)
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab1000BASE-T IEEE 802.3x IEEE 802.3z 1000BASE-X
Port Specification	10 / 100 / 1000baset (x) automatic detection, full / half duplex MDI / mdi-x adaptive
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)
Power pin	Default1/2(+)，3/6(-)；Optional order 4/5(+)，7/8(-)
Single port power	Average 15.4W；MAX 30W;1-2 port MAX 90W
Total power/Input voltage	MAX 300W
Watt	Standby power consumption: ≤ 20W; Full load power consumption ≤ 300W
LED Indicator	Power: Power indicator (optional power overload indicator) 19: 20: (Optical port connection indicator) Uplink port: (Network connection indicator green / 100M + Yellow / 1000m) Port: (POE work indicator orange; link_; network connection indicator green)
Power Input	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）	295mm*195mm*45mm 410mm*275mm*95mm

N.W/G.W（kg）	1.7kg/2.4kg
Installation	Rack-mount(optional machine hanger spare parts)
Lightning protection level	3KV 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）

PS: We will try our best to check the errors in the printing and pictures, but hasivo will not be responsible for any possible omissions. The appearance, specifications, parameters, prices and supply conditions of the products listed on this page are subject to change without notice.