Manual for 48GE+2S

All gigabit ethernet switch

01 Product introduction

Product overview

48GE+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 thefield of data exchange such as home network, multimedia classroom, security monitoring, wireless network and so on

Port performance

◆ Provide 48*10/100/1000M RJ45 ports which can realize line speed forwarding.

◆ 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

Indicator   Downlink Port   Uplink Port

SFP

Back

Ground screw   AC Power   Ground screw   AC Power

Indicator definition:

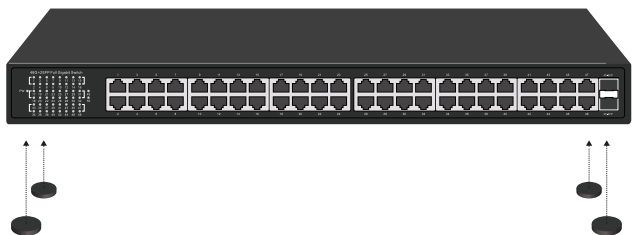| Indicator	Status	Description
Power indicator: PWR	Green light is always on	Power on normal
	Always off	No power
Network indicator	Light is flashing	The corresponding port has data transmission
	Always off	The corresponding port hasn't data transmission

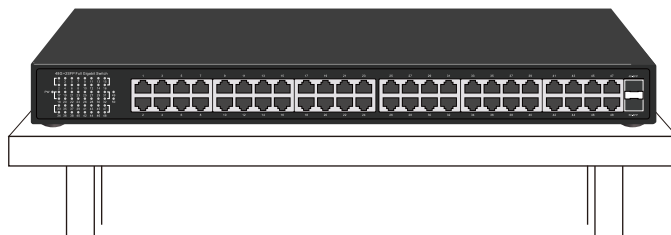# 04 Installation&Points of attention

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.
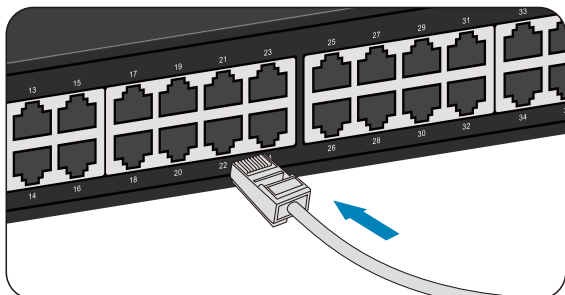
Install to desktop

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

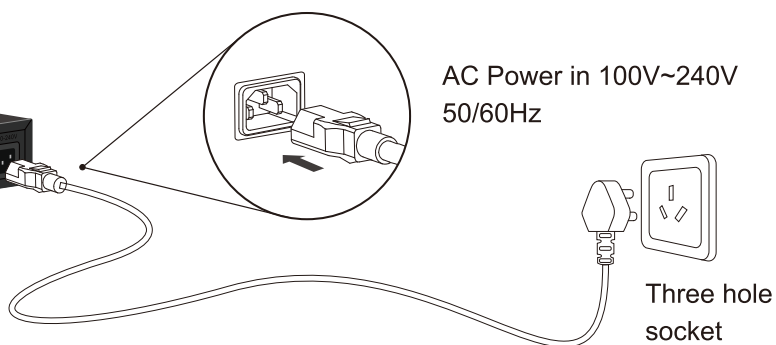2. Place the switch on the horizontal desktop in the ventilation area.
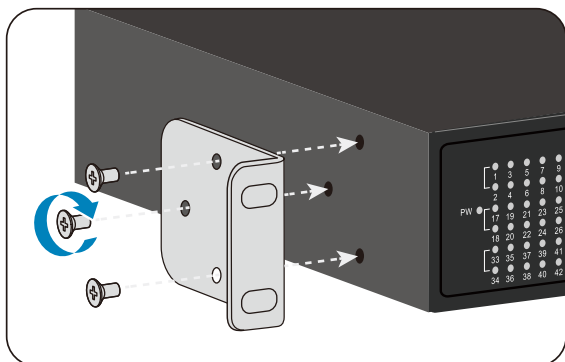
3. Insert the data cable

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.

4. Connected the power

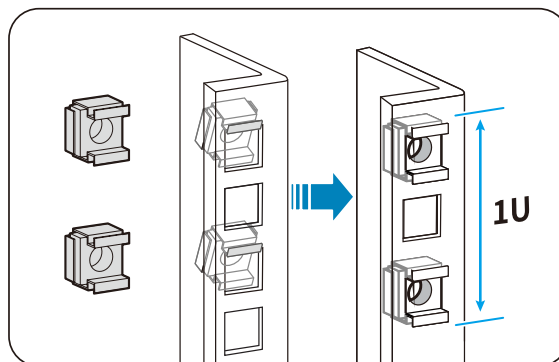AC Power in 100V~240V 50/60Hz

Three hole socket
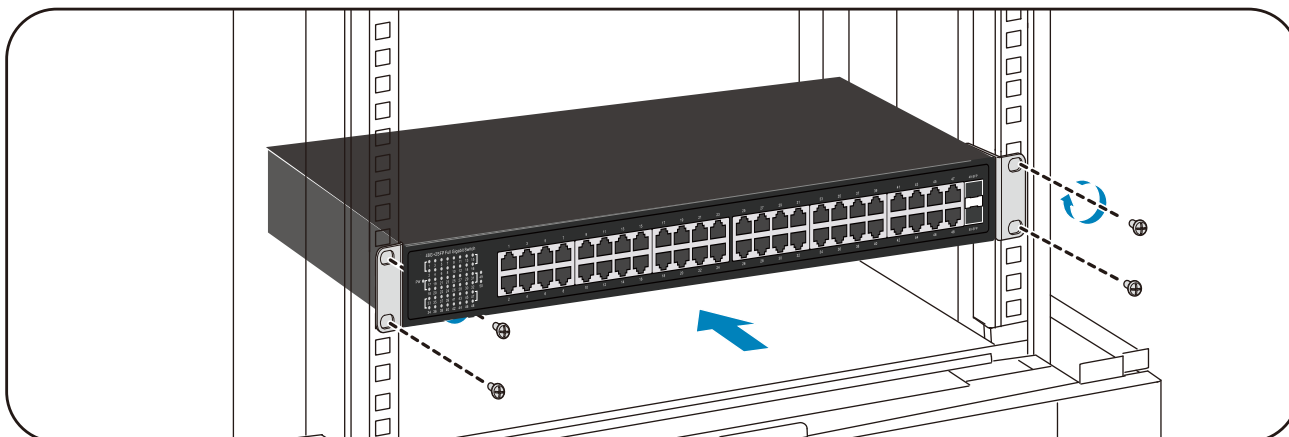
Install to cabinet/Rack

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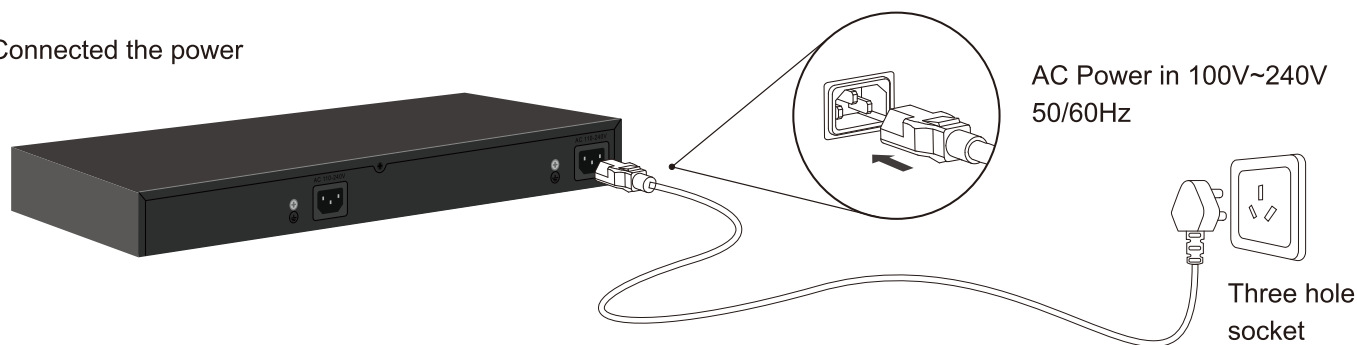
2. Install floating nut on cabinet / rack

1U

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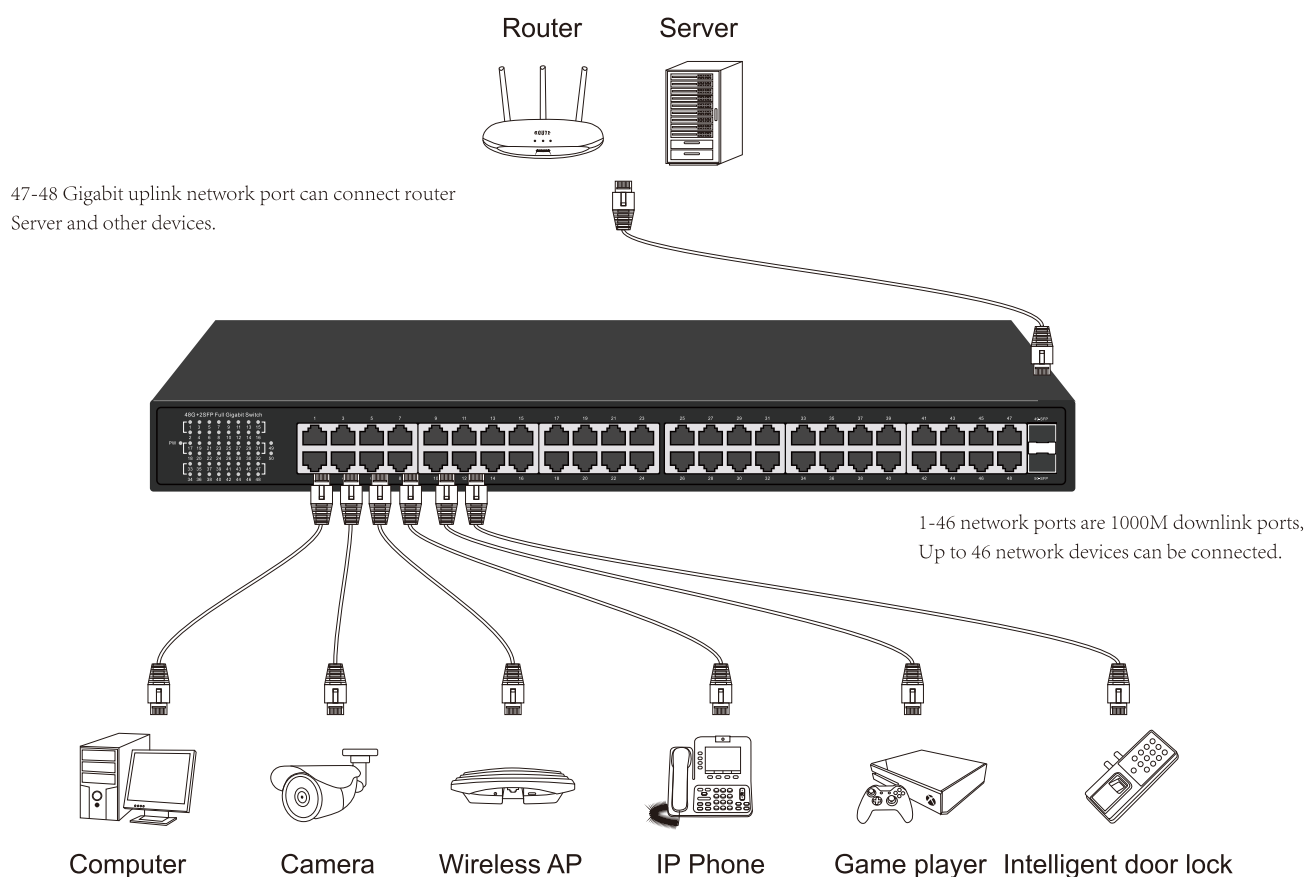
4.Connected the power

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

Router   Server

47-48 Gigabit uplink network port can connect router
Server and other devices.

1-46 network ports are 1000M downlink ports,
Up to 46 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]

07 Product parameter

Model	48GE+2S
Product	**Enterprise all Gigabit 48 ports Ethernet Switch**
Port	48*10/100/1000Base-TX PoE port(Data/Power) 2*1000M SFP
Bandwidth	128Gbps
Packet Forwarding	74.40Mpps
MAC	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) SFP: 1000M single and multimode optical module with maximum distance =120km (depending on the optical module)
LED Indicator	PWR:Power LED(green) 1-48:10/100、1000M Network connection indicator(green) 49-50:SFP connection indicator(green)
Power	Built-in power AC：100-240Vac 50-60Hz 0.5A
Operating Temperature/Humidity	-10~+55°C;5%~90% RH No condensation
Storage Temperature/Humidity	-40~+75°C;5%~90% RH No condensation
Product size/Packing size(L*W*H)	440mm*290mm*45mm 515mm*375mm*95mm
N.W/G.W(kg)	2.8kg/3.7kg
Installation	Rack type(distribution rack lug accessories)
Lightning protection level	6KV 8/20us; IP30
Certificate	CE-EMC EN55032;CE-LVD EN62368; FCC Part 15 Class B;RoHS;
Warranty	Complete machine 1 year(excluding accessories)