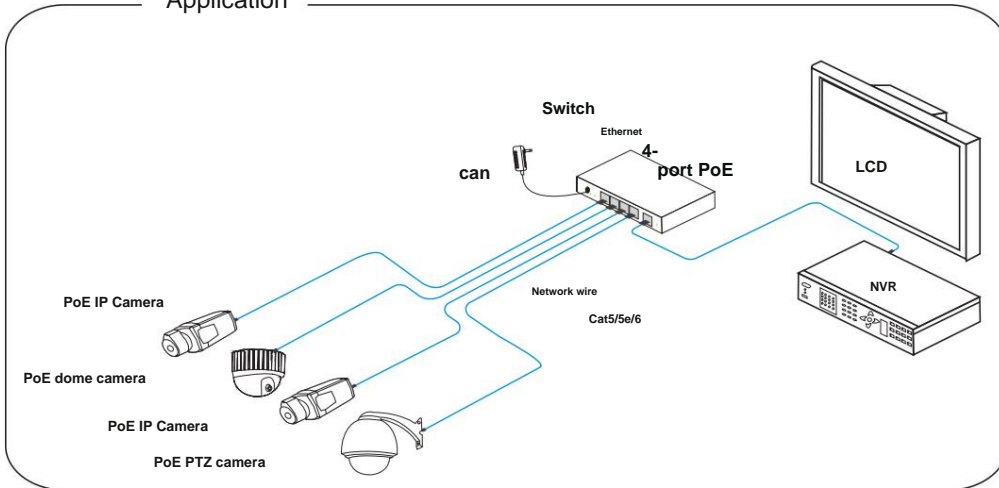


4 Port PoE Ethernet Switch is a switch that is aimed at Ethernet high-definition surveillance and security system of Ethernet projects. The product fully combines the features of security surveillance, provides forwarding capability of fast packets and abundant backplane bandwidth, ensuring clear image and smooth transmission. The protection circuit against surges and ESD can improve the stability of the product. The product supports a model of IP CCTV, can achieve a VLAN, control a network storm, protecting information security, prevent viral transmission and Ethernet attack, fully satisfy Ethernet video security surveillance system and Ethernet project needs.

Application



Feature

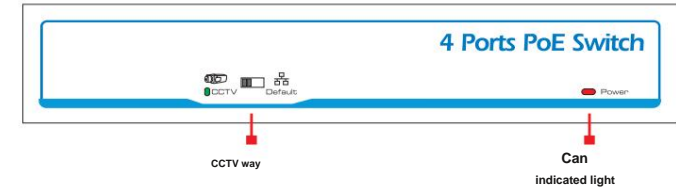
- 4 10/100Base-TX Ethernet ports (PoE ports) and 1 10/100Base-TX uplink port; Supports standards
- IEEE802.3af/at, single port 30W max output.
- One-key CCTV mode: 1-4 downlink ports can only communicate with uplink ports, extend the transmission distance up to 250m (10Mbps)
- 6KV surge protection, 8KV ESD immunity and anti-interference.
- Easy and secure installation: wall mount, desktop, Kensington security slot; Plug and play.
-

! Important

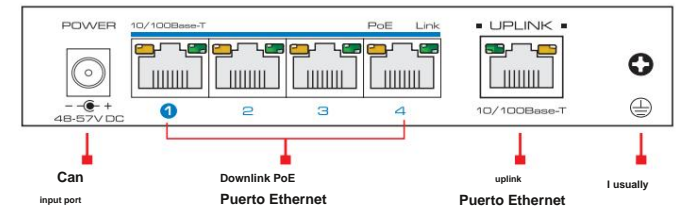
The transmission distance is related to the connected cable. We suggest a standard Cat5e/6 network cable, so the Transmission distance can be up to 100m.

switch diagram

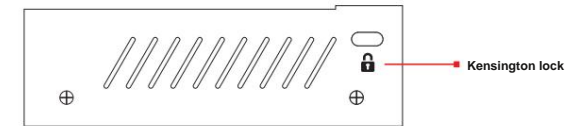
front side



rear side



Lateral



Description :

- 1) The equipment must be grounded according to the request.
- 2) Turn the dial to the left, the equipment can enter CCTV mode after restarting the equipment.

installation steps

Check the following items before installation; if it is missing, contact the dealer.

- 4 Port PoE Switch 1 PC
- Power adapter 1 PC
- AC power cord 1 PC
- Accessory 1 game
- User's manual 1 game

Follow the installation steps below

- 1) Please turn off signal power and show device power before installation, installation with power will damage the transmission equipment;
- 2) Use a network cable to connect the PoE IP camera and 1~4 downlink ports of the product respectively;
- 3) Use a network cable to connect the equipment to the gateway and the NVR or computer;
- 4) Turn on the equipment;
- 5) Check whether the installation is correct, the equipment is in good condition, the connection is stable, then provide power to the system;
- 6) Make sure the Ethernet equipment has power and is working properly.



Specifications

Model	Description
Energy	Power supply Power adapter DC48V ~ 54V
	voltage range
	Consumption ~ 5W
Ethernet	Speed Port 1-4: Default: 10/100Mbps; CCTV: 10 Mbps; Uplink port: 100 Mbps
	transmission distance Port 1-4: Default: 0 ~ 100m; CCTV: 0 ~ 250 m; UPLINK: 100m
Switch	Ethernet Standard IEEE 802.3 / 802.3u / 802.3af / at
	exchange capacity 1.0 Gbps
	Packet forwarding rate 0.74 Mpps
	packet buffer 768K
	MAC address 2k
status indicator	power light 1pc(red)
	ethernet port light 2 pieces (yellow and green) on RJ45, yellow indicates PoE, verde indica Link / Act
	Watchdog Module Light 1pc (green), green means CCTV
protection level	Group Pluse Level 3 Standard: IEC61000-4-4
	ESD contact discharge 6KV Air Discharge Level 8KV Standard: IEC61000-4-2
	anti thunder level 6KV Standard: IEC61000-4-5
Working Environment	Work temperature - 10 ~ 55
	Storage temperature - 40 ~ 85
	Humidity (not condensing) 0 ~ 95%
Mechanic	Dimension(L * In * H) 135 mm x 85,6 mm x 27 mm
	outside shell galvanized sheet
	Color Grey
	Weight 315 g

The specification change

I don't know will notice



Problem solving

Follow the steps if the computer has problems.

- Make sure the equipment is installed in accordance with the manufacturer's installation guide. Confirm that the cable order
- RJ45 meets EIA/TIA568A or 568B standards.
- Each PoE port can provide PoE equipment with a maximum power of less than 30W, please do not connect PoE equipment with a power greater than 30 W.
- Replace the equipment with a working 4-port PoE switch to check if the equipment is damaged.
- Contact your provider if the problem persists.

Connector production method

Instruments to use: cable crimper, network tester. The wire sequence of the RJ45 plug must comply with EIA / TIA568A or 568B.

- 1) Remove the 2cm long insulating layer and 4-pair bare UTP cable;
- 2) Separate the 4 pairs of UTP cables and stretch them;
- 3) Align the 8 pieces of wires according to EIA/TIA 568A or 568B;
- 4) Cut the wires to leave 1.5 cm of bare wire;
- 5) Plug 8 wires into the RJ45 socket, make sure each wire is on each pin;
- 6) Use the wire crimper to crimp it;
- 7) Repeat the 5 steps above to make the other end;
- 8) Please use a network tester to test the cable if it works.

pin color	
1	White green
2	Green
3	white / orange
4	Blue
5	White blue
6	orange
7	White Brown
8	Brown



EIA / TIA 568A

Pin	Color
1	white / orange
2	orange
3	White green
4	Blue
5	White blue
6	Green
7	White Brown
8	Brown



EIA / TIA 568B



Important

When you choose RJ45, please make sure if one end is EIA/TIA568A, the other end must be EIA/TIA568A as well. When you choose RJ45, make sure that if one end is EIA/TIA568B, the other end must also be EIA/TIA568B.