4 PORTS POE SWITCH

GE-P4001-UT

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4 Ports PoE Switch

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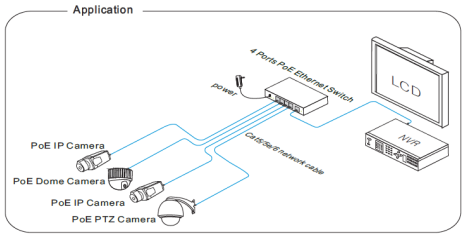
Introduction

4 ports PoE Switch is a security surveillance Ethernet Switch which aims at Ethernet high definition surveillance and Ethernet project security system. The product fully combines the characteristics of security surveillance, provides fast packet forwarding ability and abundant backplane bandwidth, which ensures clear image and fluent transmission. Inserted static, surge protection circuit can improve product stability. The product supports one key CCTV model, can achieve VLAN, QoS priority after configuration, control the Net storm, protect the information security, prevent the viral transmission and Ethernet attack, fully satisfy the Ethernet video security surveillance system and Ethernet project needs.

Specification

Item	Description
Downlink Ports	4x10/100Base-TX (PoE)
Uplink Ports	1x 10/100Base-TX
Network Standard	IEEE 802.3/802.3u/IEEE802.3x
Switch Capacity	1Gbps
Packet Forwarding Rate	0.74Mpps
Exchange Type	Storage&Fowarding
Buffer	768k
MAC Address List	2K
PoE Standard	802.3af/at(PSE)
PoE Standard	802.3af/at(PSE)
PoE Mode	End-span
PoE Power Supply	1/2(+), 3/6(-)
PoE Output	Single PoE Output≤30W(54V DC), Whole machine PoE out-
CCTV Mode	1. Downlink ports only communicate with uplink ports 2.Extend transmission distance to 250m(Downlink Ports) 3.Rate:10Mbps(Downlink Ports)
Surge Immunity	6KV IEC61000-4-5
ESD Protection	Contact discharge 6K, Air discharge 8KV, Per: IEC61000-4-2
Voltage Input	DC 48V~57V
Power Consumption	5W
Operation Temperature	-10c~+55c
Storage Temperature	-40c~+85c
Operation Humidity	5%-95%(Non-condensing)
Dimensions(LxWxH)	135mm×85.6mm×27mm
Material	Metal
Weight	315g

Application



Feature

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

Installation steps

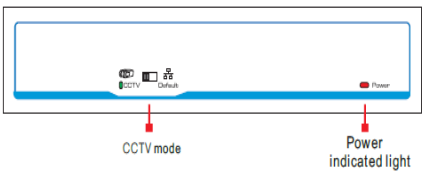
- Please check the following items before installation, if it is missing, please contact the dealer.
- 4 ports PoE Ethernet Switch 1pc
- Power adaptor 1pc
- AC Power Cable 1pc
- Accessories 1set
- User Manual 1set

Please follow installation s teps as below:

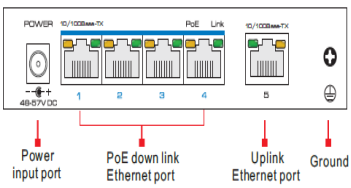
- Please turn off the signal power and display device power before installation, installation with power will damage the transmission equipment;
- Use network cable connect PoE IP camera and 1 4 down link ports of product respectively;
  Use a network cable connect equipment up link port and NVR or computer;
- Turn on the power of the equipment;
- Check if the installation is correct, equipment is in good condition, the connection is stable, then provide power for system;
- Ensure the Ethernet equipment with power and work properly.

Board Diagram

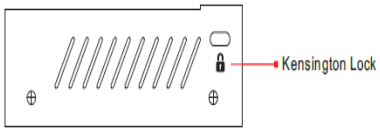
Front Board



Back Board



Side Board



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Description

- The equipment must connect the ground according to the request.
- Turn the dial switch for left, the equipment can enter CCTV mode after restart the equipment power.

Trouble shooting

Please follow the steps if the equipment has trouble.

- Make sure the equipment is installed according to the manufactures installation guide.
- Confirm RJ45 cable order meets EIA/TIA568A or 568B standard.
- Every PoE port can provide PoE equipment maximum power less than 30W, please do not connect the PoE equipment with power over 30W.
- Replace the equipment with a proper functioning 4 ports PoE Ethernet Switch to check if the epuipment is damaged
- Please contact your vendor if trouble still exists.

Plug Producing Method

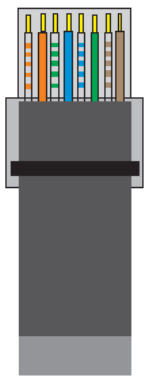
Instruments to be used: wire crimper, network tester. Wire sequence of RJ45 plug should conform with EIA/TIA568A or 568B.

- Please remove 2cm long the insulating layer, and bare 4 pairs UTP cable;
- Separate the 4 pairs UTP cable and straighten them;
- Line up the 8 pieces of cables per EIA/TIA 568A or 568B;
- Cut out 1.5 cm cable wrap and leave the bare wire;
- Plug 8 cables into RJ45 plug, make sure each cable is in each pin;
- Use the wire crimper to crimp it;
- Repeat above 5 steps to make the another end;
- Use 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