

4 PORTS POE SWITCH

GE-P4002-UT



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4 Ports PoE Switch







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	
Power	Power Supply	Power Adaptor	
	Voltage Range	DC48V~54V	
	Consumption	<5W	
Ethernet	Speed	1-4 port:Default:10/100Mbps; CCTV:10Mbps; UPLINK:100Mbps	
	Transmission Distance	1-4 port:Default:0 100m; CCTV:0-250m; UPLINK:100m	
Network Switch	Backplane Band- width	1.0G	
	Packet Forwarding Rate	0.75Mbps	
	Packet Buffer	768K	
	MAC	2K	
Status Indicator	Power Light	2Kput≤60W	
	Ethernet Port Light	2pcs(Yellow&Green) on RJ45,yellow indicates PoE, green indicates Link/Act	
	Surveillance Module Light	1pcs(Green), green indicates CCTV	
	Pluse Group	Level 2 Standard: IEC61000-4-4	
Network Switch	ESD	1a Contact Discharge Level 3 1b Air Discharge Level 3 Standard: IEC61000-4-2	
	Anti-thunder Level	Level 3 Standard: IEC61000-4-5	
Working Environment	Working Temperature	-10c~55c	
	Storage Temperature	-40 ~85	
	Humity (Non-condesing)	0~95%	
Mechanical	Dimension(L*W*H)	135mm×85.6mm×27mm	
	Out Shell	Galvanized Sheet	
	Color	Black	
Power/Dis- tance 54V	Weight	315g	
	Distance	100m 150m 200m 250m	
	Power	26W 24W 23W 21W	

Application Application PoE IP Camera PoE PTZ Camera

Feature

- Major ports: 2pcs*100Mbps uplink Ethernet port(reserve a port to connect internet);4pcs*100Mbps downlink PoE Ethernet ports , every port supports MDI/MDIX;
- Special function: One key CCTV model 1 4 downlink ports can only communicate with uplink ports;
- ❖ Power input: DC48V, 57V;
- ❖ Transmission Distance: Ethernet port 0,100m; the furthest transmission distance could reach 250m in CCTV model; Uplink port can reach 100m;
- ❖ Standard: Meet IEEE802.3 ,IEEE802.3u,IEEE802.3 af/at standards,
- End-Span, the spare cable can be of other use;
- Protection: Excellent anti-thunder, anti-static and anti-interference ability;
- ❖ Appearance: Delicate design and easy installation, configure the anti-theft lock hole, guard against theft;
- Operation: Plug and Play, No Setting required.

Installation steps

Please check the following items before installation, if it is missing, please contact the dealer.

- 4 ports PoE Ethernet Switch 1pcs
- Power adaptor
 1pcs
- ❖ AC Power Cable 1pcs

Accessories 1pcs

User Manual 1pcs

Please follow installation s teps as below:

- Please turn off the signal power and display device power before
- ❖ installation, or it will damage the transmission equipment;
 Use network cable connect PoE IP camera and 1~4 downlink ports
- of product respectively;

Front Board Back Board Side Board Very Control of Mark Cont

Installation steps

- Use a network cable connect equipment uplink port and NVR or computer;
- Connect power adapter;
- Check if the installation is correct, equipment is in good condition, the connection is stable, then power on for system;
- * Ensure the Ethernet equipment with power on can work properly.

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 568B