

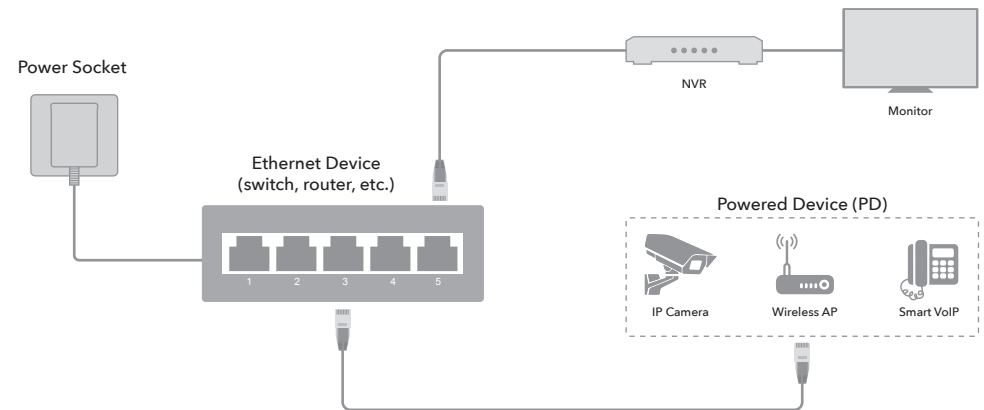
Specification

Item			Description
Power	Power supply		External Power Adaptor
	Voltage Range		DC48~57V
	Switch Consumption		<5W
Ethernet	Speed		1~5 Port : 10/100/1000Mbps
			Uplink: 10/100/1000Mbps
	Transmission Distanc		100Meter (328ft)
Network Switch	Ethernet Standard		IEEE 802.3/802.3u/802.3ab/802.3af/at
	Switching capacity		10G
	Transfer Rate		14,880pps for 10Mbps
			148,800pps for 100Mbps
			1,488,000pps for 1000Mbps
	MAC Address		2K MAC address table
LINK/ACT	On	Green	The port is connecting
	Blinks	-	The port is receiving or transmitting data
	Off	-	The port is not linked successfully with the device
POE	On	Orange	PD is connected
	OFF	-	No PD is connected or power forwarding fails
	Capacity		60W
	PoE pin assignmnet		V+(RJ45 Pin 1,2), V-(RJ45 Pin 3,6)
Environment	Working Temperature		0~40℃
	Storage Temperature		-40~70℃
	Humidity Non condensing		0~90%
Mechanical	Dimension		119 x 85 x 28mm
	Color		Gray

Specification change will not be noticed

5-Port Gigabit POE+ Switch User Manual

Cudy Gigabit PoE Ethernet Switch is an equipment designed for security surveillance systems and ethernet networks. This product is fully integrated with the characteristics of the security monitoring, provide enough bandwidth for transmitting high resolution images and HD video.



Feature

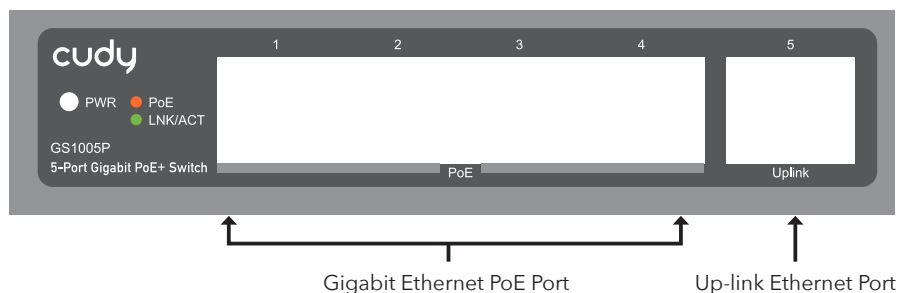
- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3af, IEEE802.3at
- Provides 5 10/100/1000Base-TX ports
- 60W PoE power output total
- High back-plane bandwidth 10Gbps
- IEEE802.3x Flow control
- EMI standards complies with FCC, CE class B

Notice

The transmission distance is related to the connected cable. We suggest standard Cat5e/6 network cable and quality of camera so the transmission distance can be up to the furthest.

Board Diagram

Front board



Back board



Installation steps

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

- | | |
|----------------------|------|
| ● Gigabit PoE Switch | 1pcs |
| ● Power adaptor | 1pcs |
| ● AC power cable | 1pcs |
| ● Accessory | 1pcs |
| ● User manual | 1pcs |

Please follow the below installation steps

1. Please turn off the power of all the connected equipments before installation, with power will damage the equipment.
2. Use network cable connect PoE IP camera and 1~4 downlink ports of product respectively.
3. Use a network cable connect equipment up link port and NVR or computer.
4. Connect power adapter.
5. Check if the installation is correct equipment is in good condition the connection is stable then provide power for system.
6. Ensure the Ethernet equipment with power and work properly.

Trouble Shooting

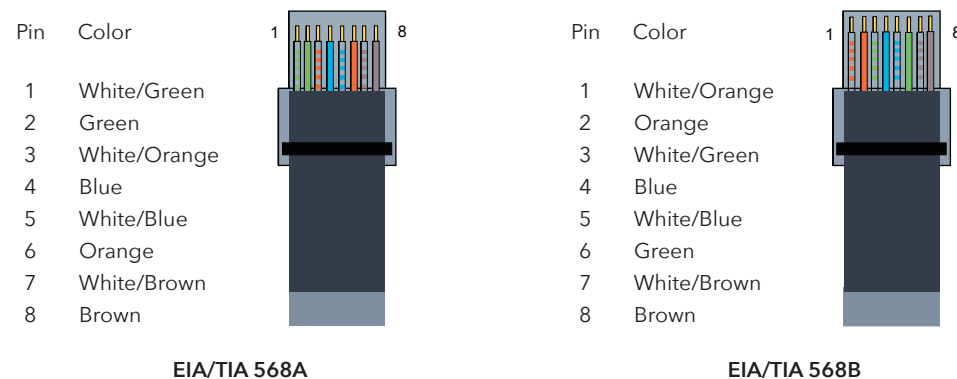
Please follow the steps if the equipment has trouble

- 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 5 ports PoE Ethernet Switch to check if the equipment 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.

1. Please remove 2cm long the insulating layer and bare 8 pairs UTP cable.
2. Separate the 8 pairs UTP cable and straighten them.
3. Line up the 8 pieces of cables per EIA TIA 568A or 568B.
4. Cut off the cables to leave 1 5cm bare wire.
5. Plug 8 cables into RJ45 plug make sure each cable is in each pin.
6. Use the wire crimper to crimp it.
7. Repeat above 9 steps to make the another end.
8. Use network tester to test the cable if t works.



Notice

When choose RJ45 make sure if one end is EIA/TIA568A.the other end should also be EIA/TIA568A.
When choose RJ45 make sure if one end is EIA/TIA568B.the other end should also be EIA/TIA568B.