

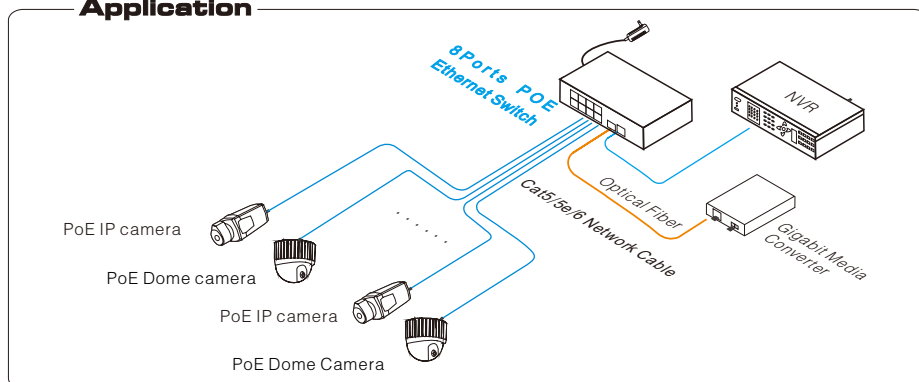
8 Ports PoE Ethernet Switch

User Manual

Ver 1.0

The un-managed 8 ports switch provides one uplink ethernet port and one uplink optical port (both gigabit), 8*10/100Mbps PoE ports which supporting af/at PoE standard. It supports one key CCTV mode: 1. Realize VLAN : 1~8 downlink PoE ports communicate with uplink ports only; 2. Extend the POE Ports transmission distance up to 250m (Max distance will depend on the camera and cable), but the downlink bandwidth only 10Mbps; 3.PoE watchdog (Detect POE device when it is frozen, reboot automatically). The product could be used in network security video surveillance, network project etc.

Application



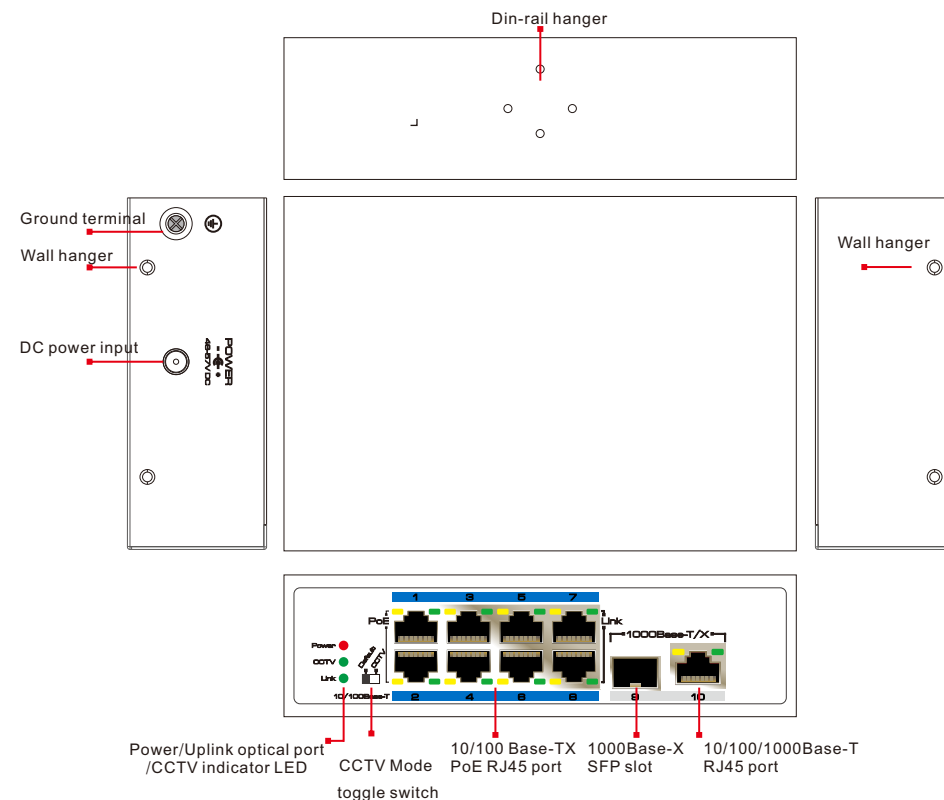
Feature

- Provide 8*10/100Base-T RJ45 PoE ports, 1*10/100/1000Base-T RJ45 and 1*1000Base-X SFP port ;
- The 8 PoE ports support IEEE802.3 af/at standard and can provide up to 30W power per port;
- One key CCTV mode: 1. Realize VLAN : 1~8 downlink PoE ports communicate with uplink ports only; 2. Extend the POE Ports transmission distance up to 250m (Max distance will depend on the camera and cable), but the downlink bandwidth only 10Mbps; 3.PoE watchdog (Detect POE device when it is frozen, reboot automatically);
- 6KV surge protection, 8KV/15KV ESD protection;
- -30℃ ~ 65℃ working temperature;
- Din-rail and wall-mount installation.

Caution

- 1) Transmission distance is related to the connecting cable. We suggest to use standard Cat5e/6 network cable to get the best transmission effect.
- 2) If use optical uplink port, customer needs to purchase additional SFP module.
- 3) The equipment must be connected to anti-thunder grounding ,otherwise the protection level will be greatly reduced ; please use NO. 20th or above wire to connect grounding terminal to the earth.

Board Diagram



Installation steps

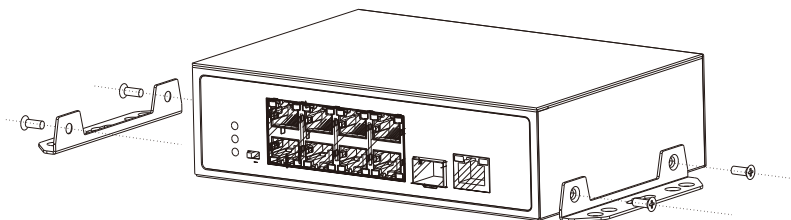
Please check the following items before installation. If any missing, please contact the dealer.

- | | |
|-----------------------|-------|
| • POE Ethernet switch | 1 pc |
| • Power adapter | 1 pc |
| • Wall hangers | 2 pcs |
| • Din rail hanger | 1 pc |
| • User manual | 1 pc |

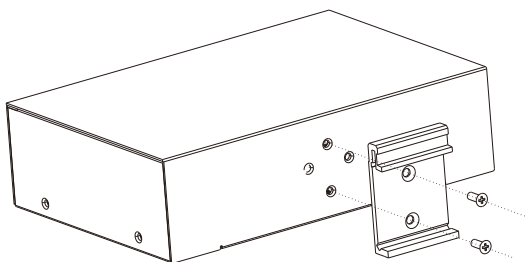
Please follow the following installation steps

- 1) Please turn off the signal source and the device's power, installation with power on may damage the device;
- 2) Use 8pcs network cables to connect 8pcs IP cameras with the product's 1~8 RJ45 Ethernet ports;
- 3) Use another network cable or (optical fiber) to connect switch's UPLINK port with NVR or computer;
- 4) Connect switch with power adapter;
- 5) Check if the installation is correct and device is good, make sure all the connection is reliable and power up the system;
- 6) Make sure every network device power supply works normally.

Wall-mount installation



Din-rail installation



■ Specification

Item		8 ports PoE Ethernet Switch
Power	Power Supply	Power adapter
	Voltage range	DC48V~57V
	Consumption	Self consumption < 5W
Ethernet Port Parameter	Ethernet Port	1~8 ports: 10/100BASE-TX PoE; Port 9: 10/100/1000BASE-T; Port 10: 1000BASE-X SFP
	CCTV Mode	1. Realize VLAN : 1~8 downlink PoE ports communicate with uplink ports only; 2. Extend the POE Ports transmission distance up to 250m (Max distance will depend on the camera and cable), but the downlink bandwidth only 10Mbps; 3. PoE watchdog (Detect POE device when it is frozen, reboot automatically)
	Transmission Medium	Cat5e/6 network cable
	PoE standard	IEEE802.3af/at
	PoE Power Supply	End-span
	PoE Power output	Single port ≤ 30W, Whole < 240W (Default power adaptor 120W)
Ethernet Exchange Specification	Ethernet Standard	IEEE802.3 10BASE-T; IEEE802.3u 100BASE-TX; IEEE802.3ab 1000BASE-TX; IEEE802.3z 1000-SX/LX
	Switch Fabric	5.6Gbps
	Throughput	4.2Mpps
	Packet Buffer	1M
Indicator Status	MAC Address	8K
	Power LED	1 pc red
	CCTV LED	1*green, the green LED on Indicates CCTV Mode start
	Optical Port LED	1*green LED
	Uplink Ethernet Port LED	Green and yellow LED on RJ 45 indicate network
Protection	Downlink Ethernet Port LED	1~8 ports : green LED indicates network status, yellow LED indicates PoE status
	Port Lighting Protection	6KV , Per: IEC61000-4-5
Operation Environment	ESD	8KV: contact/15KV: air discharge , Per: IEC61000-4-2
	Working Temperature	-30℃~65℃
	Storage Temperature	-40℃~85℃
Mechanical	Humidity (Non-condensing)	0~95%
	Dimension(L×W×H)	159mm×110mm×44mm
	Material	Metal
	Color	Black
	Weight	500g

Products are subject to change without prior notice

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