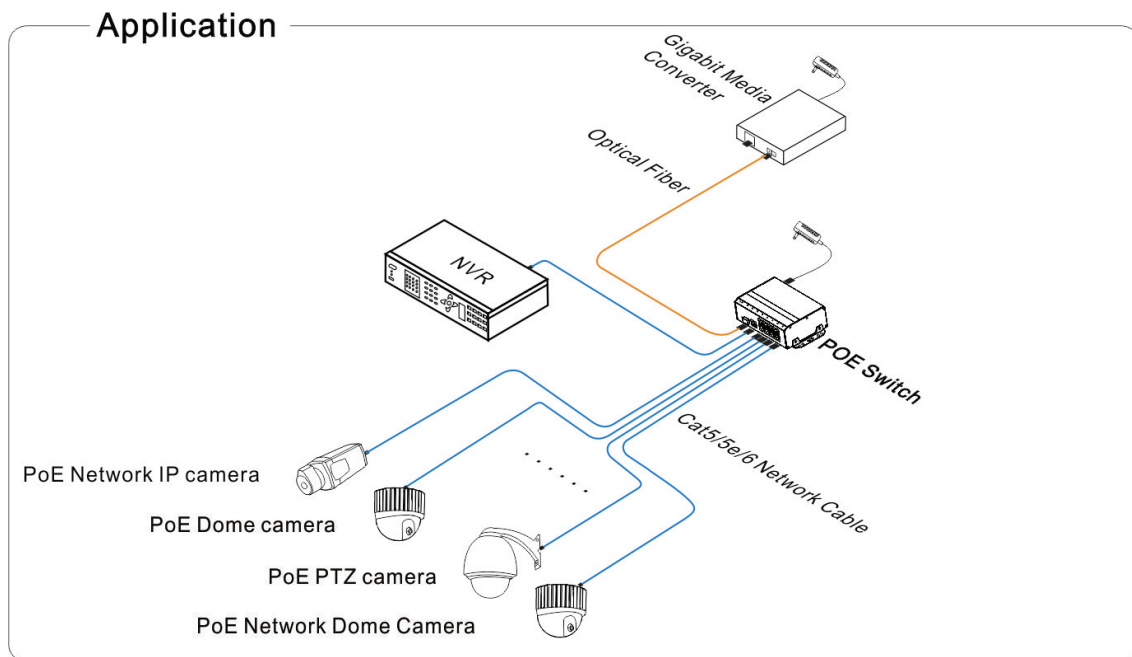




Industrial Fast Ethernet PoE Switch

Manual

This switch is a kind of unmanaged switch with PoE+ function. It has one uplink Ethernet port and one 100Mbps optical port; four 100Mbps PoE Ethernet ports support IEEE802.3af/at standard. This product is designed for HD IP Camera, enable these devices to have power supply without connecting to the power socket. It makes the connection of those devices far away from the power more flexible and simplify wiring. This product integrates with optical port to realize perfect integration between fiber optical transceiver and Ethernet switch, solve the problem of long distance transmission. It can be used in surveillance, network engineering and so on.



Feature

- 8 x 10/100Mbps PoE+ Ethernet ports, support IEEE802.3af/at
- Provide 2 uplink ports, 1000Mbps optical port and Ethernet port
- Support IEEE802.3X full duplex flow control
- Support Auto MDI/MDIX function
- Redundant power design, power heat backup or raise power consumption
- Industrial standard product, fold metal outershell heat dissipation fanless
- Excellent circuit isolation protection, lightning protection up to 4KV
- Convenient for wall, din rail and desktop installation



Notice

- 1) Transmission distance is related to the connecting cable.
We suggest to use standard Cat5e/6 network cable
- 2) If using optical port, customer need to purchase SFP module additional

Introduction

Front board with 8 PoE+ Ethernet ports, the yellow light on the RJ 45 socket left side is to indicate the PoE status, the green light on the right side is to indicate network status; there are 2 Uplink ports, 1 SFP Optical port (reservation, configure optical transceiver depend on the customer's requirement) and 1 Ethernet port. The green LED on the left side is to indicate optical port working status, red LED is to indicate power status, the green light on the Ethernet RJ 45 socket is to indicate Ethernet port working status;

■ Installation steps

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

8-port PoE+ Industrial Ethernet Switch	1 pc
MIT 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 4 network cables to connect 8 IP cameras with POE+ switch's 1~8 PoE port;
- 3) Use another network cable (or optical fiber) to connect PoE+ Ethernet switch's UPLINK port with local network, NVR or computer;
- 4) Connect PoE+ switch with power adapter;
- 5) Check if the installation is correct, make sure all the connections are reliable and power up the system;
- 6) Make sure every network device has power supply and work normally.

■ Specification

	Item	Description
Power	Power	Terminal block
	Power Adapter Voltage	DC 48V-57V
	Power Consumption	<5W
Network Connector	Network Port	1~8 port:10/100Mbps PoE+ UPLINK port:10/100/1000Mbps SFP:1000Mbps optical fiber SFP module port
	Transmission Distance	SFP: depend on the optical module transmission performance
	Transmission Medium	Cat5e/6 standard network cable
	PoE Protocol	IEEE802.3af/at
	PoE Power Supply	End-span
	PoE Power Consumption	Every PoE port output <30W;
Network Switch	Network Standard	IEEE802.3 10BASE-T,IEEE802.3u 100BASE-TX, IEEE802.3ab 1000BASE-TX; IEEE802.3z 1000-SX/LX; IEEE802.3 X
	Switch way	Store and forward
	Package data cache	1M
	MAC address list	8K
LED Status Indicator	Power	1 (red) on the front board; 1(red) on the lean board
	Optical port	1 SPF port indicator (green)
	Uplink network port	1 (green on the RJ 45 socket)
	PoE Network	8 PoE status indicator (yellow on the RJ 45 socket) 8 network status indicator (green)
Key Button	PoE Reset Button	8,corresponding with 1~8 port, PoE reset after press the button
	Reset Button	1, switch restart after press this button
Protection	Communication port Lightning protection	4KV per: IEC61000-4-5
	ESD	1a contact discharge 3 level 1b air discharge 3 level Per:IEC61000-4-2
Environmental	Working temperature	-40℃~75℃
	Storage temperature	-40℃~75℃
	Humidity (non-condensing)	0~95%
Mechanical	Dimension (L×W×H)	159mm×110mm×46.5mm
	Material	Aluminum
	Color	Black
	Weight	570g
Stability	MTBF	>200000h

Products are subject to change without prior notice.

■ Trouble Shooting

Please find the following solution when the device doesn't work:

- Please confirm if the installation is correct;
- Please confirm if the RJ45 cable order in accordance with the EIA/TIA568A or 568B industry standards;
- The maximum consumption of every PoE port can supply 30 W, please do not use the PoE device which consumption over 30W;
- Please replace a normal device with a failure to check if the device is broken;
- If the problem still exist, please contact your distributor.



Notice

- When choose RJ-45 make sure if one end is EIA/TIA568A, the other end must also be EIA/TIA568A.
- When choose RJ-45 make sure if one end is EIA/TIA568B, the other end must also be EIA/TIA568B.