# 8 Ports Gigabit PoE Ethernet Switch
User Manual

9 Ports support 8 PoE Gigabit Ethernet Switch is a security monitoring Ethernet Switches are designed to Ethernet HD monitor security systems and Ethernet projects. The product is fully integrated with the characteristics of the security monitoring,provi -ding fast packet forwarding capability, the product is fully gigabit transfer rates p -rovide enough bandwidth to ensure clear images, smooth transmission. Provide en -ough bandwidth demand for high-definition video.

Application
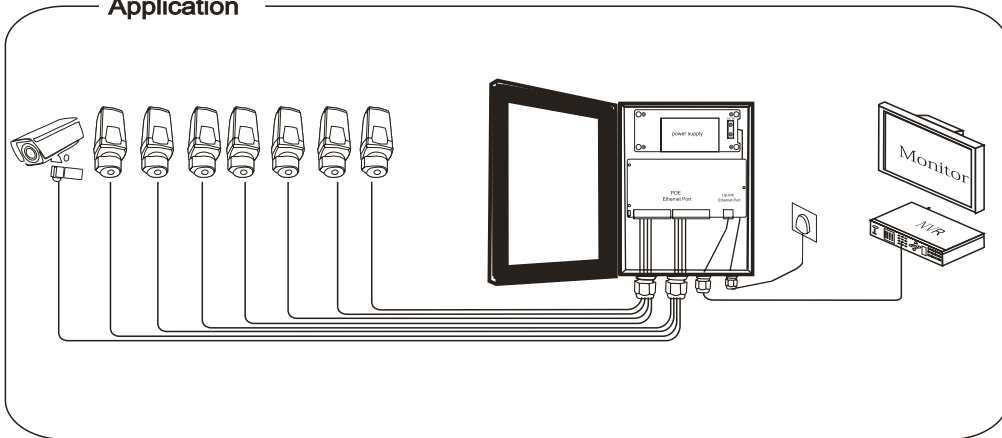
■ Feature

Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab,IEEE802.3af, IEEE802.3at
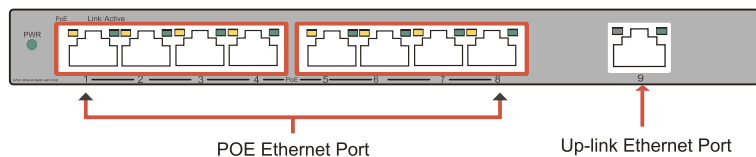
Provides 9 10/100/1000Base-TX ports

Provides 8 PoE injector and 125W Built-in power supply

High back-plane bandwidth 18Gbps
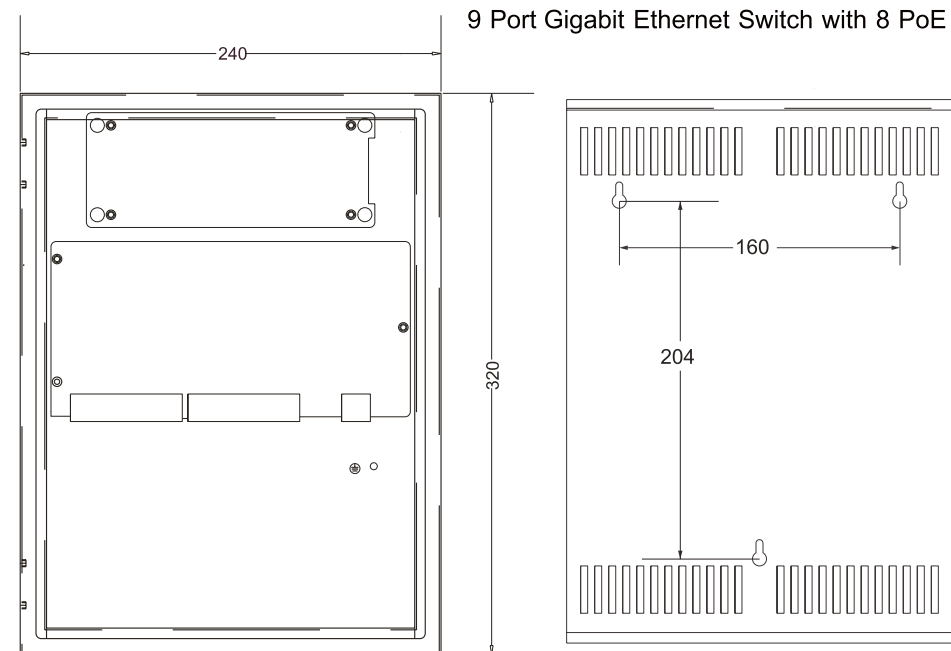
IEEE802.3x Flow control

EMI standards complies with FCC, CE class B

POE Ethernet Port   Up-link Ethernet Port

⚠ 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 up tofurthest,

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■ Board Diagram

9 Port Gigabit Ethernet Switch with 8 PoE

⚠ Notice

Pls re-start device before turn on function，Extend the functionality and the network cable, camera type is associated.

■ Installation steps

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

● 9 ports Gigabit PoE Ethernet Switch   1pcs
● AC power cable   1pcs
● Accessory   1pcs
● User manual   1pcs

Please follow the below installation steps

1) Please turn off the signal power and display device power before installation, installation with power will damage the transmission equipment;

2 Use network cable connect PoE IP camera and 1~8 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.

■ Specifica

Item		Description
Power	Power Supply	Built-in Power Supply
	Voltage Range	100~240VAC 50/60H
	Switch Consumption	< 6W
Ethernet	Speed	1-8 Port:10/100/1000Mbps Uplink:10/100/1000Mbps
	Transmission Distance	1-8port 100Meters with 100Mpbs 200Meters with 10Mbps Uplink:100Meter with 100Mpbs
Network Switch	Ethenet Standard	IEEE.802/3 802.3u /802. 3af/af
	Switching capacity	18G
	Transfer Rate	14,880 pps for 10Mbps 148,800 pps for 100Mbps 148,8000 pps for 1000Mbps
	MACAddress	4K MAC address table
Function	On	Green	200meters is start to work
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 (12.36)	On	Orange	PD is connected
	Off	-	No PD is connected or power forwarding fails
Working Environment	Working Temperature	0~45℃
	Storage Temperature	-40℃~70℃
	Humidity Non condesing	0~85%
Mechanical	Dimension L ＊W＊ H	320mm×240x90mm
	Color	White

Specifica change will not be noticed

■ Trouble Shooting

Please follow the steps if the equipment has trouble

● Make sure the equipment is installed according to the manufactures installation guide
● Conf 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 8 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

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

⚠ **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.