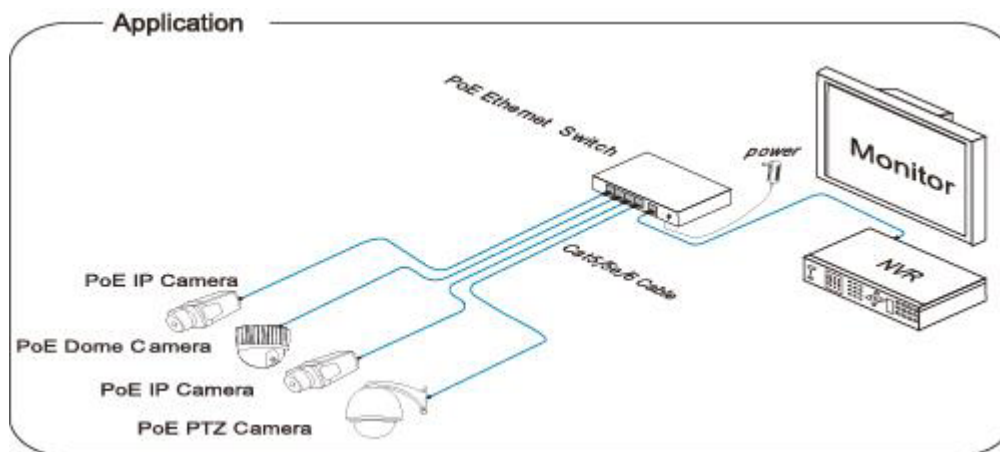# POE-2018-16E-250

16 Port Unmanaged PoE Switch

16 Ports support 16 PoE 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, providing fast packet forwarding capability, the product is fully gigabit transfer rates provide enough bandwidth to ensure clear images, smooth transmission. Provide enough bandwidth demand for high-definition video.
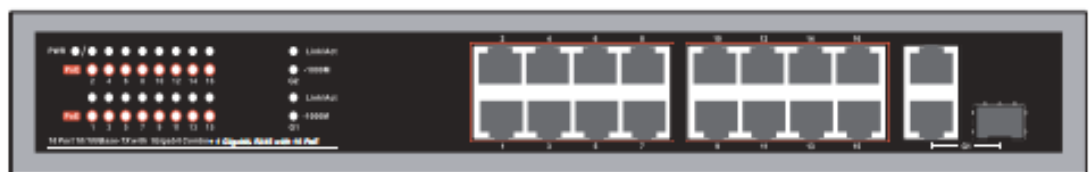

Key Features

- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab,IEEE802.3af, IEEE802.3at
- Provides 16 10/100 Base-TX ports and 1 Gigabit Combo+1 Gigabit RJ-45
- Provides 16 PoE injector and 200W Built-in power supply
- One key Vlan/ Extension to 328 ft/ 100M
- High back-plane bandwidth 7. 2Gbps
- IEEE802.3x Flow control

Application

POE-2018-16E-250 16 Port Unmanaged PoE Switch

Port and Performance			
Power	Power Supply		Built-in power supply
	Voltage Range		AC100-240V
	Switch Consumption		250W for 16 PoE
Ethernet	Speed		1-16 Port:10/100Mbps G1 (combo) :10/100/1000Mbps & 1.25Gbps G2: 10/100/10,00Mbps
	Transmission Distance		328 Ft. (100 Meters) for RJ45 The distance is determined by the optical module The optical module is optional
Network Switch	Ethernet Standard		IEEE 802.3/ 802.3u/ 802.3ab/802.3af/at
	Switching capacity		7.2G
	Transfer Rate		14,880 pps for 10Mbps 148,800 pps for 100Mbps 148,8000 pps for 1000Mbps
	MAC Address		4K 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	Green	PD is connected
	Off	-	No PD is connected or power forwarding fails
	PoE Pin Assignment		V+(Rj45 Pin 1,2),-(Rj45 Pin 3,6)
Working Environment	Working Temperature		32 - 104ºF (-0 - 40ºC)
	Storage Temperature		-40 - 158ºF (-40 - 70ºC)
	Humidity Non Condensing		0 - 85 %
Mechanical	Dimensions		11.02" x 7.08" x 1.57" (280 x 180 x 40mm)
	Color		Gray

POE Ethernet Port   Gigabit Combo Port

Power input port
INPUT:100-240VAC

FAN

Installation steps

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

- 1 x 16 + 1 Combo Gigabit port PoE Ethernet Switch
- 1 x AC power cable
- 1 x Accessory
- 1 x User manual

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 - 16 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, if 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

1. Make sure the equipment is installed according to the manufactures installation guide
2. Confirm RJ45 cable order meets EIA/TIA568A or 568B standard.
3. Every PoE port can provide PoE equipment maximum power less than 30W, please do not connect the PoE equipment with power over 30W
4. Replace the equipment with a proper functioning 16 ports PoE Ethernet Switch to check if the equipment is damage.
5. Please contact your vendor if trouble still exist.