

# PoE Switch

spec sheet

Power Over Ethernet

## PoE-2618-16P-270W



Application: Power over Ethernet wiring is safer and more convenient.

### Power Over Ethernet Switch

Power Over Ethernet (POE) greatly simplifies the line deployment of IP cameras and wireless access points, requiring only a single network cable to power and transmit signals.

- | Complies with 10BASE-T, 100BASE-T, 1000BASE-T
- | 16-Port 10/100/1000Mbps supports 52V DC output
- | 2-Port gigabit Combo (2 RJ45/SFP)
- | Complies with IEEE 802.3af/802.3at Power over Ethernet
- | Provides 270W Built-in power supply
- | Auto detects powered device (PD)
- | Remote power feeding up to 100m
- | 10/100/1000Mbps auto-negotiation and auto MDI/MDI-X
- | Store-and-Forward: wire-speed filtering & forwarding rates
- | Supporting 8K absolute MAC addresses
- | High back-plane bandwidth 36Gbps
- | IEEE802.3x Flow control
- | EMI standards complies with FCC, CE class B
- | Made of metal, rack-mount design



# PoE-2618-16P-270W Make Wiring More Convenient and Safe

PoE-2618-16P-270W plug and play, 2 Combo ports and 16 PoE ports, Each PoE port max output 30W

When adding network devices such IP cameras and WIFI routers in places without power, power supply is problem that must be solved. PoE switch can solve this problem. PoE-2618-16P-270W only needs one network cable to connect the network device to transmit the signal and power supply at the same time.

PoE-2618-16P-270W support 16 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, 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.

## Simple to use

PoE-2618-16P-270W is easy to use because no setup is required, plug and play after AC power input, 10/100/1000Mbps auto-adaptive, and power is automatically transferred

between connected devices.

The PoE-2618-16P-270W has two installation methods. It can be placed on the desktop or fixed on the rack with mounting ears. As long as the distance from a single network device is not more than 100 meters, a PoE extender is required for more than 100 meters.

The PoE-2618-16P-270W conforms to the standard PoE protocol and will be automatically detected before power supply, so network devices without PoE can also be used, such as computers.

## Switch power

PoE-2618-16P-270W enables network range extension to all POE devices that are compatible with IEEE 802.3af, which is the universal POE standard for low power network devices such as fixed IP cameras, can connect 16.

In addition, PoE-2618-16P-270W is compatible with POE Plus (IEEE 802.3at), can connect 8.

PoE-2618-16P-270W single port maximum output 30W, 1~16 ports output total power max 270W.

## Numerous Applications

PoE-2618-16P-270W has a wide range of applications, such as surveillance, conference calls, WiFi coverage, etc.

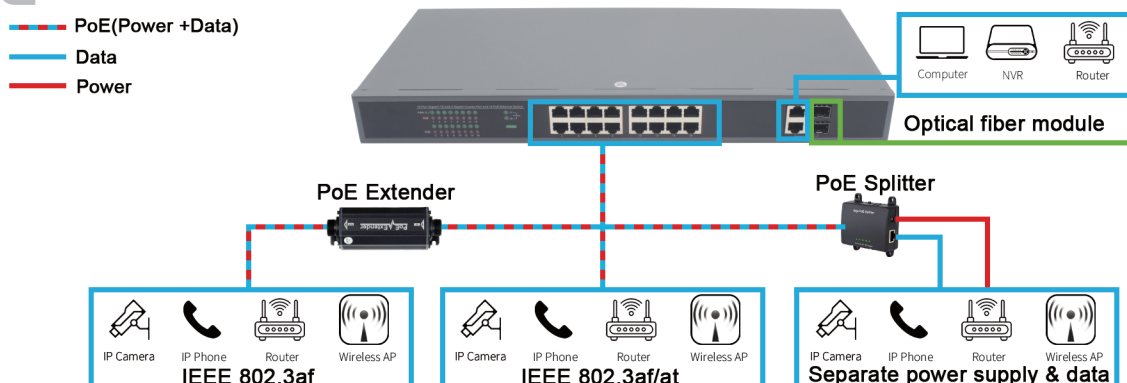
PoE-2618-16P-270W is fully compatible with IP cameras, access points, IP phones, computers, printers, and more.

## Use for further distance

If your terminal equipment is too far away from the switch installation point, you can choose CENTROPOWER's PoE-EX2001. For example, a 300-meter (984-foot) connection between a POE switch and a 10-watt IP camera can be achieved by installing two PoE-EX2001 units on the cable at 100-meter intervals. If you are outdoors, choose PoE-EX2001W, and use the same method as PoE-EX2001.

If your terminal equipment does not need power supply (for example, you have four computers at a distance of 270 meters from the PoE switch and need to be connected to the Internet), you can choose CENTROPOWER's PoE-EX2001 and PoE-EX2005-4P-60W to use together.

## PoE-2618-16P-270W APPLICATION DIAGRAMS



# Unmanaged PoE Switch

## TECHNICAL SPECIFICATION

Power Supply Voltage	AC 100-240V
Power Consumption	The device <5W
Network Ports	1~16 Port: 10/100/1000Mbps 17~18: Gigabit Combo
Transmission Distance	100Meter (328ft) for RJ45 2Km 20Km for SFP Port The optical module is optional
Transmission Media	1~16 Ethernet Port: Cat5e/6 standard UTP cable
POE Agreement	IEEE802.3 af/at standards
PoE Power Supply Mode	End-span method
PoE Power Supply Wattage	Each port ≤ 30W, Whole device < 270W
Network Standard	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3ab 1000BASE-T
Swap Mode	Store-and- forward
Switch Capacity	36Gbps
MAC Address List	8K
Network Light	Light on: The port is connecting Light blinks: The port is receiving or transmitting data. Light off: The port is not linked successfully with the device
PoE Light	Light on: PD is connected Light off: No PD is connected or power forwarding fails PoE pin assignmnet: V+(RJ45 pin 1,2), V-(RJ45 pin 3,6)
Working Temperature	0℃ ~ 40℃
Storage Temperature	-40℃ ~ 70℃
Humidity(non-congeal)	0 ~ 90%
Enclosure Dimensions (L*W*H)	440mm×200mm×44mm
Enclosure Color	Grey
Enclosure Weight	2.95kg

## centropower's Its products

### Ethernet Series:

- POE Switch (unmanaged or managed or industrial grade or outdoor rainproof)
- POE Extender (indoor, outdoor waterproof and rainproof, industrial grade)
- POE injector
- POE splitter
- POE/EOC converter
- Ethernet switch
- etc...

### Power Series:

- DC12V power box
- DC12V power adapter
- AC power adapter
- AC12V/24V power box
- AC-DC converter
- 48V POE power adapter
- Single power supply
- Rack power supply
- etc.

### OTHER:

- Video Balun (1080P, 4K, 8K)
- HDMI (split, switcher, extender, optic fiber cable)
- Cable (HDMI, VGA, DIY, HDIY, DC, coaxial, twisted pair)
- Converter(BNC, DC, RCA)
- Tools
- etc.

### Surge Protection

All Centropower products have been independently tested to verify their resilience to the stringent immunity levels of international standards. Users should note that no electronic equipment can be guaranteed to be completely protected at levels beyond the defined standard; therefore product warranty cannot include damage to products which has been caused by surges exceeding those of the standards specified, for example lightning strike activity. It is the user's responsibility to implement relevant surge protection measures, as appropriate to the installation. This may include the fitting of additional surge protection devices where required.



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