PoE Switch

Power Over Ethernet

PoE-2034-32P-500W

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
- 32-Port 10/100Mbps supports 50V DC output
- 2-Port 10/100/1000Mbps uplink(Combo, 2RJ45/SFP)
- Complies with IEEE 802.3af/802.3at Power over Ethernet
- Provides 32 PoE injector and 500W Built-in power supply
- Half duplex flow control and full duplex back pressure mode
- High back-plane bandwidth 10.4Gbps
- IEEE802.3x Flow control
- 10/100Mbps auto-negotiation and auto MDI/MDI-X
- Store-and-Forward: wire-speed filtering & forwarding rates
- Supporting 16K absolute MAC addresses
- Made of metal, rack-mount design, with cooling fan

CENTROPOWER

PoE-2034-32P-500W Make Wiring More Convenient and Safe

PoE-2034-32P-500W plug and play, 2 uplinks ports and 32 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.

The PoE switch can solve this problem. The PoE-2034-32P-500W only needs one network cable to connect the network device to transmit the signal and power supply at the same time.

PoE-2034-32P-500W is fullyintegrated with the characteristics of the security monitoring, pro vi-ding fast packet f orwarding 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.

Simple to use

PoE-2034-32P-500W is easy to use because no setup is required, plug and play after AC power input, 10/100Mbps auto-adaptive, and power is automatically transferred between connected devices.

The PoE-2034-32P-500W has three installation methods. It can be placed on the desktop or fixed on the rack with mounting ears or hung on the wall with mounting holes. The maximum transmission distance of PoE port is 100 meters at 10/100 Mbps.

The PoE-2034-32P-500W 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-2034-32P-500W enables network range extension to all POE devices that are compatible with IEEE 802.3af, which is the universal POE standard f or low power network devices such as fi xed IP cameras, can connect 32.

In addition, PoE-2034-32P-500W is compatible with POE Plus (IEEE 802.3at), can connect 16.

PoE-2034-32P-500W single port maximum output 30W, 1~24 ports output total power max 500W.

Numerous Applications

PoE-2034-32P-500W has a wide range of applications, such as surveillance, conference calls, WIFI coverage, etc.
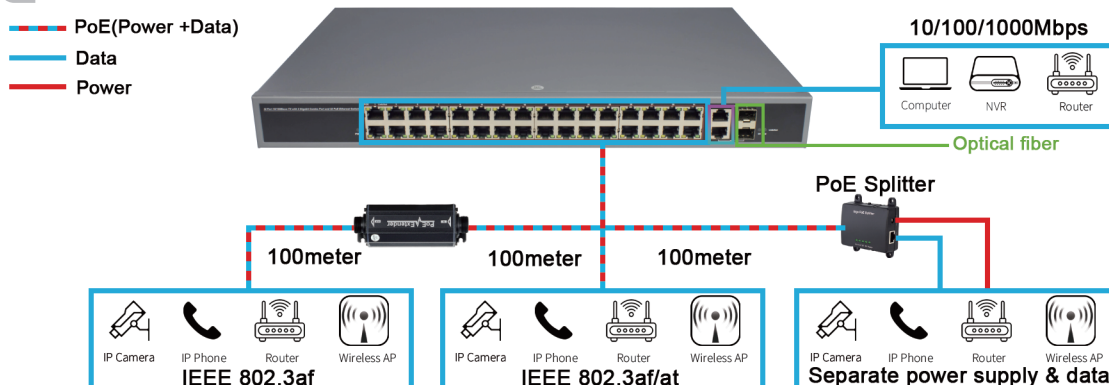
PoE-2034-32P-500W is fully compatible with IP cameras, access points, IP phones, computers, printers, and more.

Use for further distance

If your terminal equipment is too far away from the switch installation point, you can choose CENTROPOWER's PoE-EX201. 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-EX201 units on the cable at 100m intervals.

 If your terminal equipment is outdoors, choose CENTROPOWER's Outdoor PoE Extender.

PoE-2034-32P-370W APPLICATION DIAGRAMS

- PoE(Power +Data)
- Data
- Power

10/100/1000Mbps

Computer   NVR   Router

Optical fiber

PoE Splitter

100meter   100meter   100meter

IP Camera IP Phone Router Wireless AP
IEEE 802.3af

IP Camera IP Phone Router Wireless AP
IEEE 802.3af/at

IP Camera IP Phone Router Wireless AP
Separate power supply & data

Unmanaged PoE Switch

TECHNICAL SPECIFICATION

Power Supply Voltage	AC 100-240V
Power Consumption	The device <4W, POE power supply <500W
Network Ports	1～32 Ports: 10/100Mbps Ethernet port, adaptive control 2-Port 10/100/1000Mbps nterface for uplink (Combo, 2RJ45/SFP)
Transmission Distance	100Meter(328ft)for RJ-45, 2Km 20Km for SFP Port The optical module is optional
Transmission Media	All RJ45 Ethernet Port：Cat5e/6 standard UTP cable
POE Agreement	IEEE802.3 af/at standards
PoE Power Supply Wattage	Each PoE port≤30W, Whole device<500W
Network Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3x
Swap Mode	Store-and- forward
Switch Capacity	10.4Gbps
Packet Forwarding Rate	7.7377Mpps
MAC Address List	16K
Power Indicator Light	One power light （red）
Network Light	Light on: The port is connecting Light blinks: The port is receiving or transmittin gdata Light off: The port is not linked successfully with the device
PoE Light	Light on: The port is connecting 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	-10℃-70℃
Humidity(non-congeal)	20~89%
Enclosure Dimensions (L*W*H)	440mm×275mm×44mm
Enclosure Color	Grey
Enclosure Weight	3.8kg

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 defi ned standard; therefore product warranty cannot include damage to products which has been caused by surges exceeding those of the standards specifi ed, for example lighting strike activity. It is the user's responsibility to implement relevant surge protection measures, as appropriate to the installation. This may include the fi tting of additional surge protection devices where required.

CentroPower

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