PoE Switch

Power Over Ethernet

PoE-7026

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 IEEE 802.3, IEEE 802.3i/u/af/at/

| 24-Port 10/100/1000Mbps supports 52V DC output

| 2-Port gigabit Combo (2 RJ45/SFP)

| Complies with IEEE 802.3af/at Power over Ethernet

| Provides 400W 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 52Gbps

| IEEE802.3x Flow control

| EMI standards complies with FCC, CE class B

| Made of metal, rack-mount design, with fan cooling

| supports one-key function conversion, currently supports five modes, normal mode, VLAN mode, Extend mode, WATCHDOG mode, QOS mode

| UL certification

CENTRO

PoE-7026 Make Wiring More Convenient and Safer

PoE-7026 plug and play, 2 Gigabit Uplink and 24 Gigabit RJ45 port with PoE, support IEEE 802.3af/at

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 Switch only needs one network cable to connect the network device to transmit the signal and power supply at the same time.

Multifunctional

PoE-7026 is a multifunctional PoE Switch, with 4P DIP switch controls 4 functions to be turned on or off.

PoE-7026 supports one-key function conversion, currently supports five modes, normal mode, VLAN mode, Extend mode, WATCHDOG mode, QOS mode.

Normal mode: no special function (Nom, all mode all switch down).

VLAN: 1-24 port will not communicate with each other only communicate with uplink port, it will control the Net storm, protect the information security.

Extension: the 1-24 ports communicate with each other and with the uplink ports; the 1-24 ports can transmit to 250meters with Cat5e/6 cable or better.

WATCHDOG: WATCHDOG The network port has a link but for 2-3 minutes with no data transmission will restart the PoE port. Originally has already had link but disconnected for 2-3 minutes without link will restart the PoE port.

QOS: QOS is the specified port with port data priority, priority is higher than other ports, other ports data priority is equal. For example, 24 ports and 1-2 ports specify the priority, then the data forwarding of these two ports has a higher priority than the other ports, so the data of these two ports are preferentially forwarded.

Simple to use

PoE-7026 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-7026 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-7026 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-7026 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 24.

In addition, PoE-7026 is compatible with POE Plus (IEEE 802.3at), can connect 12.

PoE-7026 single port maximum output 30W, total power max 400W.
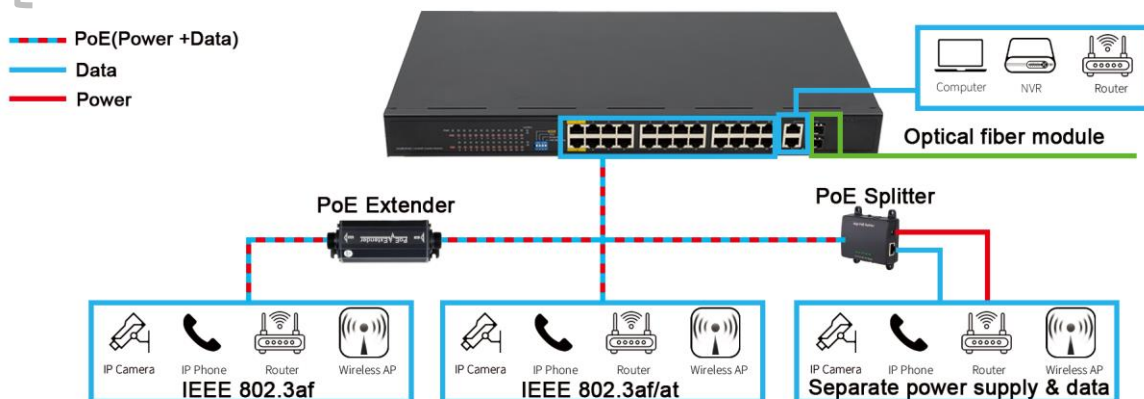
Numerous Applications

PoE-7026 has a wide range of applications, such as surveillance, conference calls, WIFI coverage, etc.

PoE-7026 is fully compatible with IP cameras, access points, IP phones, computers, printers, and more

Use for further distance

If all your terminal devices are long than 250m from the switch installation point, you can select CENTROPOWER's PoE-EOC01 (Indoor) or PoE-EOC01-WE (Outdoor), the maximum transmission distance to 800meters of 10Mbps.

PoE-7026 APPLICATION DIAGRAMS

Unmanaged PoE Switch

TECHNICAL SPECIFICATION

Power	Power Supply	Built-in power supply
	Voltage Range	AC 100~240V
	Consumption	The device <5W
	Indicator Light	One power light (green)
	PoE Power	400W for 24 PoE Port
Ethernet	Speed	PoE Port: 24 10/100/1000Mbps RJ45 Port Uplink: 2 Gigabit Combo Port
	Transmission Distance	100Meter (328ft) for RJ45 2Km 20Km for SFP Port The optical module is optional
	Transmission Media	Cat5e/6 standard UTP cable Based on the optical module used
	Ethernet Standard	IEEE 802.3 / 802.3i / 802.3u / 802.3ab / 802.3z / 802.3af/at
	Switching capacity	52Gbps
	Transfer Rate	14880pps for 10Mbps 148800pps for 100Mbps 1488000pps for 1000Mbps
	MAC Address	4K MAC address table
LINK/ACT Indicator (Green)	Light on	The port is connected
	Light blinks	The port is receiving or transmitting data
	Light off	The port is not linked successfully with the device
PoE Indicator (Orange)	Light on	PD is connected
	Light off	No PD is connected or power forwarding fails
	PoE pin assignment	PoE pin assignment: V+(RJ45 Pin 1,2), V-(RJ45 Pin 3,6)
Environment	Working Temperature	0℃ ~ 40℃
	Storage Temperature	-40℃ ~ 70℃
	Humidity Non condensing	0~90%
Mechanical	Dimension	440mm×200mm×44mm
	Color	Grey
	Weight	3.1kg

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
- Wireless bridge
- etc.

Power Series:
- DC12V power box
- DC12V power adapter
- AC power adapter
- AC12V/24V power box
- AC-DC converter
- DC-DC converter
- 48V POE power adapter
- Switch Mode Power Supply
- Rack power supply
- etc.

OTHER:
- Video Balun (1080P, 4K, 8K)
- HDMI (split, switcher, extender, optic fiber cable)
- Cable (Network, HDMI, VGA, DC, DIY, HDIY, coaxial, twisted pair, RG59 with Power)
- Converter (BNC, DC, RCA, RJ45)
- Tools (RJ45, BNC...)
- Cabinet
- 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 lighting 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.

CentroPower

Address
China Office: 8th Floor, Block B, Fengze Building, Huafeng Second Industrial Park, Hangkong Road, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, 518126
Phone: 0755-23200933
USA Office: 15322 E Valley Blvd, City of Industry, CA91746
Phone: (626)391-8868
Website: www.centropower.com
Email: info@centropower.com