



The EV-POE330024 is an unmanaged PoE switch, with 24*10/1000M PoE ports + 2*10/100/1000M uplink RJ45 ports, 1-24 ports support IEEE 802.3af/at PoE standard, single port PoE power up to 30W, the maximum PoE output power of the whole machine is 250W. As a power supply device for PoE, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, video access control and intercom, through network cable, to meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprise. A cost-effective network.

Features

▪ 10/100Mbps access, Gigabit uplink

- All series supports "24*10/1000M PoE ports + 2*10/100/1000M RJ45 port " combination, which enables users to flexibly build networking to meet the needs of various scenarios.
- All ports support non-blocking wire-speed forwarding for smoother transmission.
- Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.

▪ Intelligent POE Power Supply Function

- 24*10/1000 Base-TX RJ45 ports support PoE power supply to meet the needs of PoE power supply in security monitoring, teleconferencing systems, and wireless coverage.
- Conforms to the IEEE 802.3af/at PoE power supply standard, automatically recognizes PoE devices for power supply, without damaging non-POE devices. The maximum POE output power of the entire device reaches 250W and the maximum POE output power of a single port is 30 W.
- The PoE port supports the priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is preferentially guaranteed to prevent the device from being overloaded.

▪ Easy To Operate

- Plug and play, no configuration, simple and convenient.
- With function switch, it supports 17-24 port 10M/250m long distance transmission mode when one button is turned on.
- The user can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link/Act), and POE operation indicator.
- Support desktop, compatible 1U-19 inch cabinet installation.

▪ The Equipment Is Stable And Reliable

- The host has low power consumption, no fan mute design, aluminum alloy metal shell, excellent heat dissipation, and ensure stable operation of products.
- The equipment fully meets the requirements of CE, FCC and RoHS safety regulations, and is safe and reliable. Self-developed power supply, high redundancy design, provides long-term stable PoE power output.

Model	EV-POE330024
Inherent port	24*10/1000M POE ports (Data/Power) 2*10/100/1000M uplink RJ45 ports (Data)
PoE port	Port1-24 supports POE @ IEEE802.3af/at
Functional switch	1*(Extender) Note: When the switch status changes, the PoE switch must be restarted for the switch function to take effect.
Network protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3x
PoE standard	IEEE802.3af/at international standard
Ethernet port feature	Port 1-24: 10/1000 BaseT(X),Auto-sensing, port 25-26:10/100/1000BaseT auto-sensing, Full/half duplex MDI/MDI-X self-adaption
Forwarding Mode	Store and Forward(Full Wire Speed)
Backplane Bandwidth	14.8Gbps (non-blocking)
Packet forwarding rate @64byte	6.55Mpps
MAC address table	16K
Packet forwarding cache	4M

Twisted pair	10BASE-T: Cat3,4,5 UTP(≤250 meter)
Transmission	100BASE-TX:Cat5 or later UTP(≤100 meter) 1000BASE-T : Cat5e or later UTP(≤100 meter)
Power pin assignment	Default 1/2(+),3/6(-);optinoal 4/5(+),7/8(-)
Max / Average power per port	30W/15.4W
Total PWR / input voltage	250W (AC100-240V)
Power Consumption	Standby<20W;full load<250W
LED indicator	power indicator: PWR (green); network indicator: Link/Act (yellow); PoE indicator: PoE (green)
Power Supply	Built-in switching power supply , AC: 100 ~ 240V 50-60Hz 4. 1A
Operation TEMP / humidity	-20~+55°C;5%~90%RH (Non condensing)
Storage TEMP / humidity	-40~+75°C;5%~90%RH (Non condensing)
Dimension (L*W*H)	330*204*44mm
Net /Gross weight	<2.3kg/ < 3kg
Installation method	Desktop type, wall mounted type
Lightning protection/ protection level	Port lightning protection:4KV 8/20us; Protection level:IP30
Certification	CE, FCC, RoHS & ISO
Warranty	1 year for PoE switch, (2 years for Power Supply), lifelong maintenance.