



The EV-POE330016 is an unmanaged PoE switch, with 16\*10/1000M PoE ports + 2\*10/100/1000M uplink RJ45 ports, 1-16 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 160W . 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

### ▪ 10/1000Mbps access, Gigabit uplink

- All series supports "16\*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

- 16\*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 160 W . 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 9-16 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.

<b>Model</b>	<b>EV-POE330016</b>
<b>Inherent port</b>	16*10/1000M POE ports (Data/Power) 2*10/100/1000M uplink RJ45 ports (Data)
<b>PoE port</b>	Port1-16 supports POE @ IEEE802.3af/at
<b>Functional switch</b>	1*(Extender) <b>Note:</b> When the switch status changes, the PoE switch must be restarted for the switch function to take effect.
<b>Network protocol</b>	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3x
<b>PoE standard</b>	IEEE802.3af/at international standard
<b>Ethernet port feature</b>	Port 1-16: 10/1000 BaseT(X),Auto-sensing, port 17-18:10/100/1000BaseT auto-sensing, Full/half duplex MDI/MDI-X self-adaption
<b>Forwarding Mode</b>	Store and Forward(Full Wire Speed)
<b>Backplane Bandwidth</b>	32 Gbps (non-blocking)
<b>Packet forwarding rate @64byte</b>	5. 36Mpps
<b>MAC address table</b>	16K
<b>Packet forwarding Cache</b>	4M

<b>Twisted pair Transmission</b>	10BASE-T: Cat3,4,5 UTP( $\leq 250$ meter) 100BASE-TX: Cat5 or later UTP( $\leq 100$ meter) 1000BASE-T : Cat5e or later UTP( $\leq 100$ meter)
<b>Power pin assignment</b>	Default 1/2(+),3/6(-); optional 4/5(+),7/8(-)
<b>Max / Average power per port</b>	30W/15.4W
<b>Total PWR / input voltage</b>	160W (AC100-240V)
<b>Power Consumption</b>	Standby<15W; full load<160W
<b>LED indicator</b>	power indicator: PWR (green); network indicator: Link (yellow); POE working indicator: PoE (green)
<b>Power Supply</b>	Built-in switching power supply , AC: 100 ~ 240V 50-60Hz 2.5A
<b>Operation TEMP / humidity</b>	-20~+55°C; 5%~90%RH (Non condensing)
<b>Storage TEMP / humidity</b>	-40~+75°C; 5%~90%RH (Non condensing)
<b>Dimension (L*W*H)</b>	270*181*44.5mm
<b>Net /Gross weight</b>	<1.7kg/<2.2kg
<b>Installation method</b>	Desktop type, wall mounted type
<b>Lightning protection/ protection level</b>	Port lightning protection: 4KV 8/20us; Protection level: IP30
<b>Certification</b>	CE, FCC, RoHS & ISO
<b>Warranty</b>	1 year for PoE switch, (2 years for Power Supply), lifelong maintenance.