

# POES16-16P-I 16 ports POE Switch Datasheet

## >>| Product Introduction

The POES16-16P-I, a low-cost desktop Power-over-Ethernet (POE) switch, built-in power, is designed by E-Lins. It provides 16 10/100Mbps Auto-Negotiation RJ45 ports. All 16 ports support Auto MDI/MDIX functions which include 16 ports with POE function (Port 1-8). It can automatically detect and supply power for the IEEE 802.3af compliant Powered Devices (PDs), like Voip Phone, PoE APs, IP Phones, IP cameras, etc. The POE Switch is Plug-and-Play unit and with a reliable POE adapter to supply power for both the network switch and the POE functions.

The POES16-16P-I is a small size metal-shell device which is useful for the small office, home and the IP solution project using.

## >>| Products Features

- 1) Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE802.3af
- 2) Provides 16 10/100 Base-TX ports, include 8 POE ports
- 3) IEEE802.3x Flow control
- 4) Surge protection for power port and data ports
- 5) Supports PoE IEEE 802.3af compliant Powered Device (PD)
- 6) EMI standards complies with FCC, CE class B
- 7) Built-in power

## >>| Specification

Item	Description
<b>Summarize</b>	
Fixed port	16 10/100Mbps RJ45 port, including 16 PoE ports
LED Indicators	PWR, PoE, Link/Act LED.
Input voltage	100V~240V AC, 50/60Hz (for power adapter) 48VDC (for switch)
Power consumption	255W, 250W for PoE
Operating temperature	-10℃~40℃.
Storage temperature	-20℃~70℃.
Relative humidity	10%~95% (non-condensing).
Thermal methods	Fanless/Built-in quiet Fan.
Performance spec	Switching capacity: 4Gbps; Network delay(100 to 100Mbps): less than 2ms

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MAC address table	8K.
Network standard & Traffic control	IEEE802.3i 10 BASE-T; IEEE802.3u 100 BASE-TX; IEEE 802.3x full-duplex flow control. IEEE802.3af
Case Type	Metal
Package	POES16-16P-I POE switch User Manual Power Adapter
Certificates	Electromagnetism: CE Class B Compatibility: FCC Part 15, Class B, VCCI Class B, C-Tick Security Criterion CE/LVD
<b>PoE</b>	
PoE port	16 * 10/100Base-TX ports.
PoE Standard	IEEE802.3af, per port 15.4W.
Pin assignment	V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8).
data & power transmission distance	100m
Cable	UTP cat5 or higher