

# IPS318-8POE

## 8-port 10/100Base-T(x) POE

### Unmanaged Industrial POE Switch

#### Features

1. Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3af/at, store and forward
2. Support 8 10/100Base-T(x) PoE ports
3. Support IEEE802.3af standard, full-port(PoE) full 15.4W power supply
4. Support IEEE802.3at standard, single-port maximum 30W power supply
5. Ethernet port support 10/100M self-adaption
6. DC48V power input, reverse connection protection
7. Industrial grade design, -40~75°C work temperature
8. IP40 protection grade, DIN rail mounted



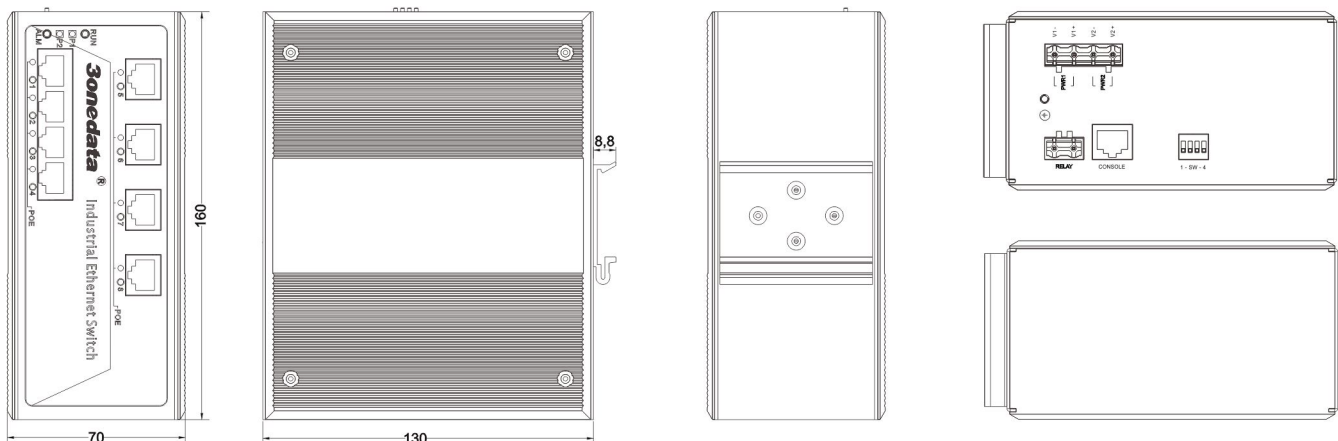
#### Introduction

IPS318-8POE is an industrial grade, unmanaged and redundancy POE switch. The switch provides 8 ports 10/100M Ethernet, which supports POE function (IEEE 802.3af/at). The switches are classified as power source equipment (PSE), and when used in this way, the switches enable centralization of the power supply, providing up to 30 watts of power per port and reducing the effort needed for installing power. The switches can be used to power IEEE 802.3af/at standard devices (PD), eliminating the need for additional wiring.

It support CE, FCC standard, adopt industry standard design, IP40 protection, rugged high-strength metal case, power supply input (48VDC). The switch support IEEE802.3/ IEEE802.3u/ IEEE802.3x/ with 10/100M, full/half-duplex, and MDI/MDI-X auto-sensing, the -40~75°C working temperature, can meet all kinds of Industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

#### Dimension

##### Unit (mm)



## Specification

### Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE802.3x  
Flow control: IEEE802.3x flow control, back press flow control  
POE Standard: IEEE802.3af/at

### Exchange attribute

100M forward speed: 148810pps  
Transmit mode: store and forward  
System exchange bandwidth: 7.6G  
MAC address table: 8K  
Memory: 1M

### Interface

Fast Ethernet Port: 10Base-T/100Base-TX auto speed control,  
Half/full duplex and MDI/MDI-X auto detect  
PoE Pin-out: 1/2(+), 3/6(-)  
Console port: debug serial port carry out CLI command (no enabled)  
Alarm port: 2 bit 7.62mm terminal block (no enabled)  
1 channel relay alarm output

### Transfer distance

Twisted cable: 100M (standard CAT5/CAT5e cable)

### LED indicator

Run indicator: Run  
Interface indicator: Link (1~8)  
POE indicator: 1~8  
Power supply indicator: P1, P2  
Alarm indicator: Alarm

### Power supply

Input Voltage: 44~57VDC  
Type of input: 4 bits 7.62mm terminal block  
No-load consumption: 7W@48VDC  
Full-load consumption: 130W@48VDC  
Single PoE port maximum consumption: 30W@48VDC

### Working environment

Working temperature: -40~75°C  
Storage temperature: -40~85°C  
Relative Humidity: 5%~95% (no condensation)

### Mechanical Structure

Shell: IP40 protect grade, metal shell  
Installation: DIN rail mount  
Size (W×H×D): 70mm×160mm×130mm  
Weight: 1.2kg

### Industry Standard

EMI: FCC Part 15, CISPR (EN55022) class A  
EMS: EN61000-4-2 (ESD)  
EN61000-4-4 (EFT)  
EN61000-4-5 (Surge)

Shock: IEC 60068-2-27  
Free fall: IEC 60068-2-32  
Vibration: IEC 60068-2-6

**Warranty:** 5 years

## Packing List

1. Industrial PoE Switch (plus terminal block) × 1
2. User manual × 1
3. Certificate of quality × 1
4. Warranty card × 1
5. DIN-Rail mounting kit × 1