

IPS3110 Series

2-Port Gigabit Combo + 8-Port Fast Ethernet (up to 8 PoE)

Unmanaged Industrial PoE Switch

Features

- Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3z/ab, IEEE802.3af/at standard
- Supports 2 Gigabit combo ports
- Up to 8 10/100Base-T(X) PoE ports
- Support IEEE802.3af standard, full-port(PoE) full 15.4W power supply
- Support IEEE802.3at standard, single-port maximum 30W power supply
- Ethernet port support 10/100M self-adaption
- DC48V power input, reverse connection protection
- Industrial grade design, -40-75°C work temperature
- IP40 protection grade, DIN rail mounted



Introduction

IPS3110 series are industrial grade, unmanaged Ethernet switches. The switches provide 8 Fast Ethernet ports (up to up) and 2 ports combo Gigabit SFP slots or 10/100/1000Base-T(X) ports. 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 IEEE802.3af/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 -40 ~ 75°C working temperature, can meet all kinds of Industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

Specification

Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z/ab

Flow control: IEEE802.3x flow control, back press flow control

POE Standard: IEEE802.3af/at

Exchange attribute

100M forward speed: 148810pps

1000M forward speed: 1488100pps

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(-)

100M optic fiber port: 100Base-FX, SC/ST/FC connector,

support single mode (20/40/60/80Km optional), multi

mode (2Km), wavelength: 1310nm, 1550nm

Gigabit Combo port: 1000Base-X SFP slot or 10/100/1000Base-T(X)

Transfer distance

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

Multi-mode: 1310nm, 2Km

Single-mode: 1310nm, 20/40/60Km

1550nm, 80/100/120Km

LED indicator

Run indicator: Run

Interface indicator: Link (1~8/G1~G2)

POE indicator: 1~4/8

Power supply indicator: P1, P2

Alarm indicator: ALM

Power supply

Input Voltage: 48VDC

Type of input: 4 bits 7.62mm terminal block

IPS3110-2GC-8POE

No-load consumption: 4.3W@48VDC

Full-load consumption: 123.6W@48VDC

IPS3110-2GC-4T-4POE

No-load consumption: 8.9W@48VDC

Full-load consumption: 114.4W@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: 1.07kg

Industry Standard

EMI: FCC Part 15, CISPR (EN55022) class A

EMS: EN61000-4-2 (ESD), Level 3

EN61000-4-4 (EFT), Level 3

EN61000-4-5 (Surge), Level 3

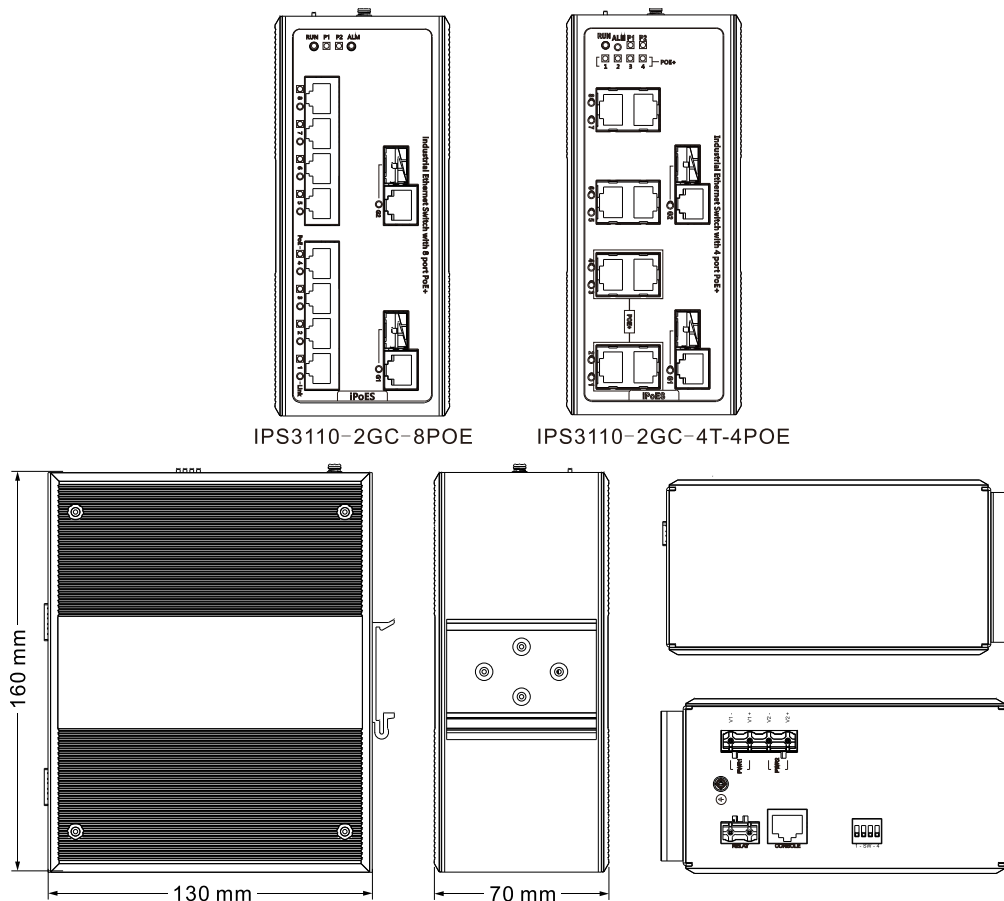
Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Warranty: 5 years

Dimension (Unit: mm)



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

Ordering Information

Available Models	Port Interface				Power Supply
	Fast Ethernet			Gigabit Ethernet Combo	
	10/100Base-T(X)	10/100Base-T(X) PoE	100Base-FX	100/1000Base-T(X) or 1000Base-SFP	
	RJ45	RJ45	SC/ST/FC, MM/SM/SS optional	RJ45 or LC	
IES3110-2GC-4T-4POE	4	4	-	2	48VDC
IES3110-2GC-8POE	0	8	-	2	

MM: Multi-Mode

SM: Single-Mode

SS: Single-Mode, single fiber