

# IT-IPS-205G-IU-4-POE

4-ports 10/100/1000M Base-T(x) PoE + 1-port 10/100/1000M Base-T(x)

## Unmanaged Industrial PoE Switch

### Features

1. Support 5 10/100/1000Base-TX ports.
2. Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3af, IEEE802.3at, store and forward.
3. Support IEEE802.3af standard, full-port full 15.4W power supply.
4. Support IEEE802.3at standard, single-port maximum 30W power supply.
5. 4 Gigabit Ethernet port G1~G4 support POE function.
6. Ethernet port support 10/100/1000M self-adaption.
7. DC48V power input, reverse connection protection.
8. IP40 protect grade, high strength iron shell, DIN Rail installation.
9. Industrial grade 4 design.



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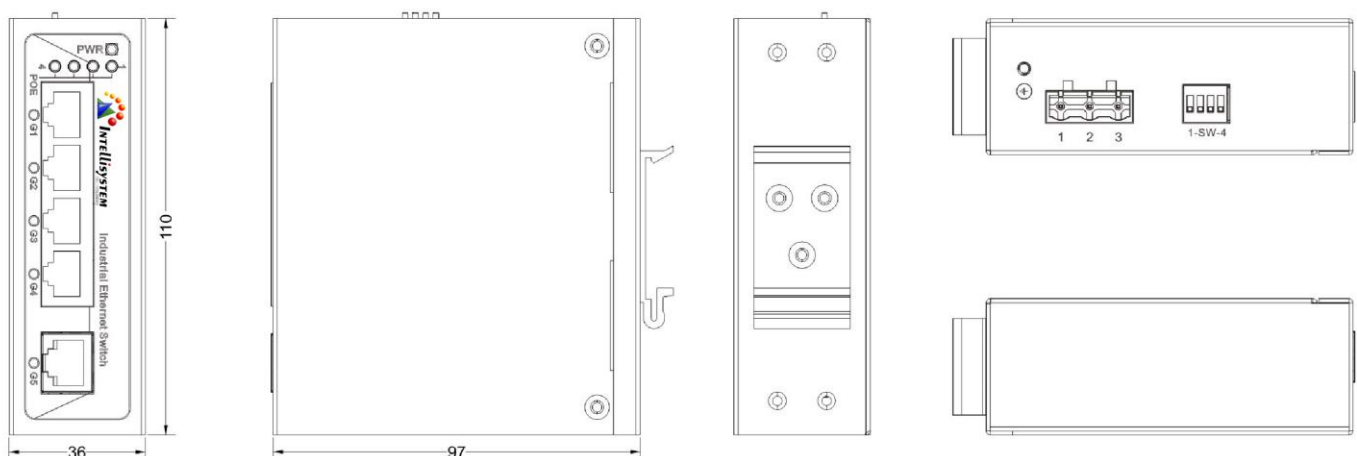
### Introduction

The IT-IPS-205G-IU-4-POE switch is a kind of unmanaged industrial Gigabit PoE switch, it supports 5 10/100/1000Base-T(X) ports. The 4 Gigabit Ethernet ports G1~G4 support Power-over Ethernet (PoE) function. The switches are classified as power source equipment (PSE), and when used in this way, the IT-IPS-205G-IU-4-POE 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, IT-IPS-205G-IU-4-POE adopt industry standard design, IP40 protection, rugged high-strength metal case, power supply input (48VDC). The switch support IEEE802.3/ IEEE802.3u/ IEEE802.3x/ IEEE802.3ab with 10/100/1000M, full/half-duplex, and MDI/MDI-X auto-sensing, providing reliable and economic solution for your industrial Ethernet network.

### Dimensions

#### Unit (mm)



## Specifications

### Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3af/at

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

### Exchange attributes

100M forward speed: 148810pps

1000M forward speed: 1488100pps

Transmit mode: store and forward

MAC address table: 1K

Memory: 1Mbit

### Interfaces

RJ45 port: 10Base-T/100Base-TX/1000Base-TX Self-adaption,

Half/full duplex and MDI/MDI-X auto detect

POE Pin-out: 1/2(+), 3/6(-)

### Transfer distance

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

### LED indicators

Interface indicator: Link (G1~G5)

Power supply indicator: PWR

PoE indicator: POE (1~4)

### Power supply

Input Voltage: 48VDC (44~55VDC)

Type of input: 3 bits terminal block

Consumption (full PD): <60W

### Working environment

Working temperature: -40~75°C

Storage temperature: -40~75°C

Relative Humidity: 5%~95% (no condensation)

### Mechanical Structure

Shell: IP40 protect grade, metal shell

Installation: DIN-Rail or Wall mounts

Weight: 410g

Size (W×H×D): 36mm×110mm×97mm

### Industry Standards

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

### Certifications

CE, FCC, RoHS, UL508 (Pending)

**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