

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

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

Unmanaged Industrial PoE Switch

Features

1. Support 4 10/100/1000Base-TX port and 1 1000Base-FX SC port.
2. Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z, IEEE802.3ab, IEEE802.3 af/at, 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. Ethernet port support 10/100/1000M self-adaption.
6. 4 Gigabit Ethernet port G1~G4 support POE function.
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

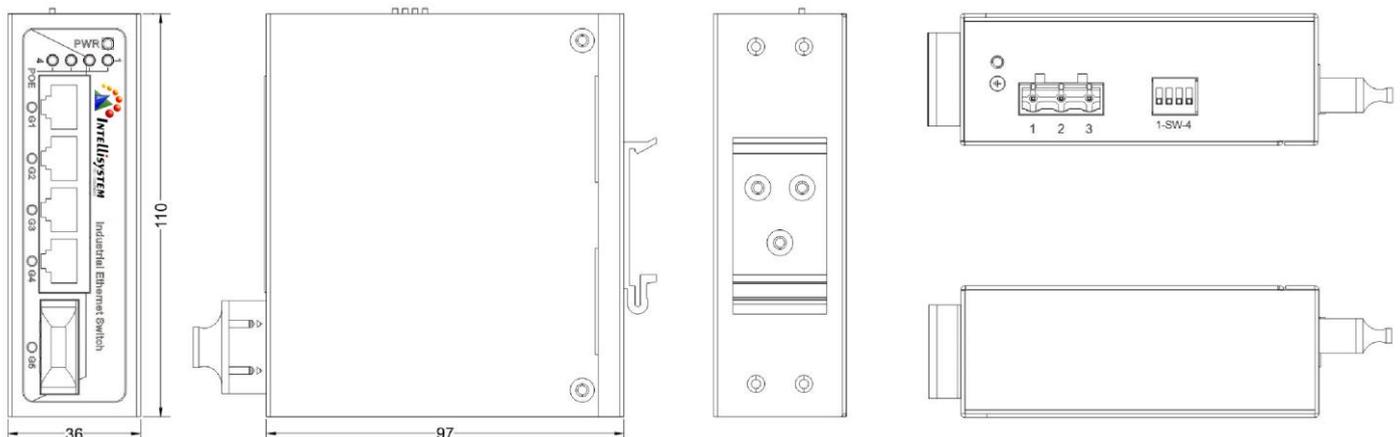
The IT-IPS-205G-IU-GF-4-POE switch is a kind of unmanaged industrial Gigabit PoE switch, it supports 4 10/100/1000Base-T(X) ports and 1 1000Base-FX Fiber port. The 4 Gigabit Ethernet port G1~G4 support Power-over-Ethernet (PoE) function. The switches are classified as power source equipment (PSE), and 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/ IEEE802.3ab/ IEEE802.3z 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, IEEE802.3z/ab, 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
Gigabit fiber port: 1000Base-FX, SC, support single mode
(20/40/60/80Km optional), multi-mode (2Km), wavelength: 1310nm,
1550nm
POE Pin-out: 1/2(+), 3/6(-)

Transfer distance

Twisted cable: 100M (standard CAT5/CAT5e cable)
Multi-mode: 1310nm, 2Km
Single-mode: 1310nm, 20/40Km
1550nm, 60/80/100/120Km

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