IES206-2GS

4-port 10/100BaseT(x) Ethernet + 2-port Gigabit SFP slot

Unmanaged Industrial Ethernet Switch

Features

1. Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3z
2. Support 4 ports 10Base-T/100Base-TX and 2 ports Gigabit SFP slot
3. Ethernet port support full/half duplex mode, MDI/MDI-X
4. Support Store and forward
5. Support MAC address learning, aging automatic
6. 12~48VDC power input, power supply support non-polarity
7. -40~75℃ working temperature
8. No fan, low consumption, Industrial design standard
9. IP40 protect grade, high strength iron shell, DIN Rail mounting

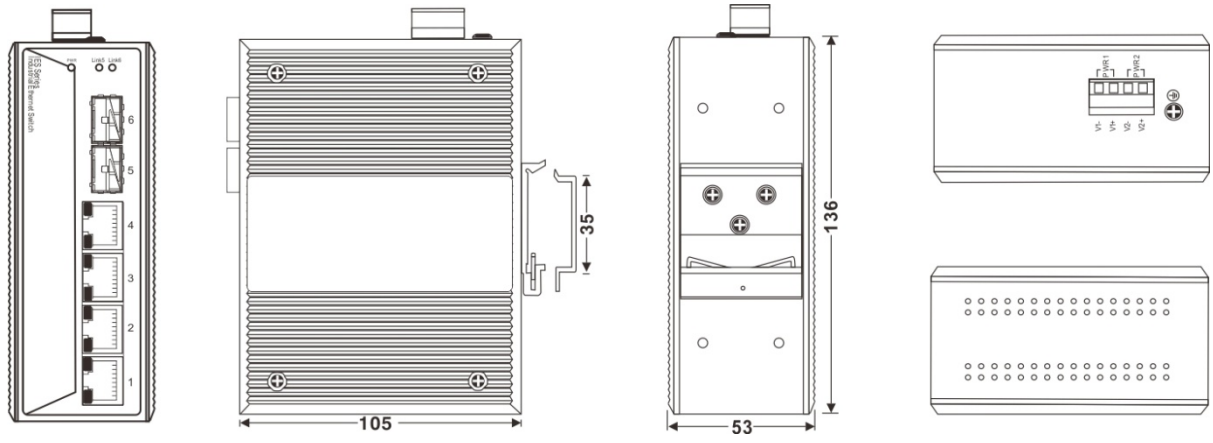


Introduction

IES206-2GS-P (12/48VDC) is a kind of industrial unmanaged Ethernet switch. It supports 4 ports 10Base-T/100Base-TX Ethernet and 2 ports 1000Base-X SFP fiber port, no fan, low consumption design, working function more steadily. It accorded with FCC, CE standard, industrial design requirement, it can work steadily in -40℃ ~75℃ working temperature, it can provide reliable and quickly solution for your Ethernet device.

Dimension

Unit (mm)



Specification

Technology

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

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

Exchange attribute

100M forward speed: 148810pps

1000M forward speed: 1488100pps

Transmit mode: store and forward

System exchange bandwidth: 7.6Gbps

MAC address table: 8K

Memory: 1Mbit

Interface

10/100M Ethernet port: 10Base-T/100Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect

Gigabit SFP port: 1000Base-X, SFP slot

Transfer distance

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

Multi-mode: 1310nm, 2Km

Single-mode: 1310nm, 20/40Km

1550nm, 60/80/100/120Km

LED indicator

Ethernet port indicator: LINK/ACT (1~4/G1~G2)

Power supply indicator: PWR1/PWR2

Power supply

Input Voltage: 24VDC (12~48VDC)

Type of input: 4 bits 7.62mm terminal block

Consumption

No-load power consumption: 5.9W@24VDC

Full-load power consumption: 7.3W@24VDC

Working environment

Working temperature: -40～75℃

Storage temperature: -40～85℃

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

Mechanical Structure

Shell: IP40 protect grade, metal shell

Installation: DIN-Rail

Weight: 0.9kg

Size (W×H×D): 53mm×136mm×105mm

Industry Standard

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

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

EN61000-4-3 (RS), Level 3

EN61000-4-4 (EFT), Level 4

EN61000-4-5 (Surge), Level 4

EN61000-4-6 (CS), Level 3

EN61000-4-8, Level 5

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Certification

CE, FCC, RoHS, UL508 (Pending)

Warranty: 5 years

Packing List

1. Industrial Ethernet switch IES206-2GS (plus terminal block) ×1
2. User manual x 1
3. Certificate of quality x 1
4. Warranty card x 1