

IES206G-2GS

4-port 10/100/1000BaseT(x) Ethernet + 2-port Gigabit SFP slot

Unmanaged Industrial Ethernet Switch

Features

1. Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3ab, IEEE802.3z
2. Support 4 ports 10Base-T/100Base-TX/1000 Base-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°C working temperature
8. No fan, low consumption, Industrial design standard
9. IP40 protect grade, high strength iron shell, DIN Rail mounting



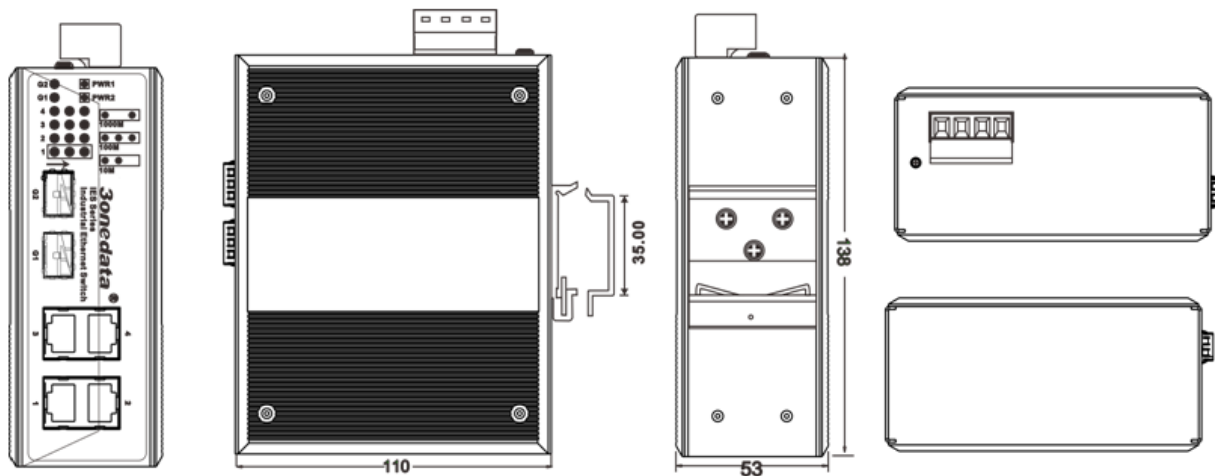
Introduction

IES206G-2GS-P (12/48VDC) is a kind of industrial, unmanaged, Gigabit Ethernet switch. It supports 4 port 10Base-T/100Base-TX /1000Base-TX Ethernet port and 2 port 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 °C ~75 °C 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, IEEE802.3ab, 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: 12Gbps

MAC address table: 1K

Memory: 1Mbit

Interface



Gigabit Ethernet port: 10Base-T/100Base-TX/1000Base-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: 1, 2, 3, 4

Gigabit SFP port indicator: G1, G2

Ethernet port speed indicator: 10M, 100M, and 1000M

Power supply indicator: PWR1/PWR2

Power supply

Input Voltage: 24VDC (12~48VDC)

Type of input: 4 bits 7.62mm terminal block

Support non-polarity

Support overload current protect

Consumption

No-load power consumption: 1.45W@24VDC

Full-load power consumption: 4.35W@24VDC

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

Weight: 0.71kg

Size (W×H×D): 53mm×138mm×110mm

Industry Standard

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

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

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 IES206G-2GS (plus terminal block) ×1
2. User manual × 1
3. Certificate of quality × 1
4. Warranty card × 1