

IES205-2

5-port 10/100M Entry-level Industrial Ethernet Switch

Features

1. IEEE802.3/ 802.3u/ 802.3x
2. Support auto negotiation speed, F/H duplex mode, and auto send data control
3. Plug-and-play, auto MDI/MDI-X connection
4. Store and Forward 100M
5. Switching process type
6. Broadcast storm protection
7. Network work state LED indicator
8. 12~36VDC power input Operating temperature ranges from -40 to 75°C
9. Industry standard design, dustproof and close design
IP30, rugged high-strength metal case



Introduction

The IES205-1 series of industrial Ethernet switches are entry-level industrial 5-port Ethernet switches that provide an economical solution for your industrial Ethernet connection, support IEEE802.3/802.3u/802.3x. Dustproof and full close structure and the IP30 case with LED indicators make the plug-and-play IES205-1 switches easy to use and reliable. These switches have been designed

for harsh industrial environments

IES205-1 supports 3 TP ports and 2 fiber ports. TP(RJ45) support 10/100Base-T(X), Full/Half duplex mode, and auto MDI/MDI-X connection; 100BaseFX supports single-/multi-mode, SC/ST/FC connector for optional.

Specification

Interface

RJ45 Ports: 10/100BaseT(X) auto connection, Full /Half duplex or force work mode, and support MDI/MDI-X connection

Fiber Ports: 100BaseFX ports (SC/ST/FC connector, optional)
Single-mode: 20, 40, 60, 80, 120Km, optional

Multi-mode: 2, 5Km, optional

Wavelength: 850nm, 1310 nm, 1550nm

Technology

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

Forwarding and Filtrate Rate: 148810pps

Transmit type: Store and Forward switching process type

Support 1K MAC Address

Power

Input Voltage: 12VDC~36VDC,

Overload Current Protection

Connection: 3 bit terminal block

Mechanical

Dimensions (L×W×H): 103mm×78mm×32mm

Packaging: IP 30 Protection, Metal case

Environmental

Operating Temperature: -40 to 75°C

Storage Temperature: -45 to 85 °C

Ambient Relative Humidity: 10% to 95% (non-condensing)

Approvals

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

EMS: EN61000-4-2(ESD),

EN61000-4-3(RS),

EN61000-4-4(EFT),

EN61000-4-5 (Surge),

EN61000-4-6 (CS),

EN61000-4-8,

EN61000-4-11

Shock: IEC 60068-2-27

Free Fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Warranty: 5 years

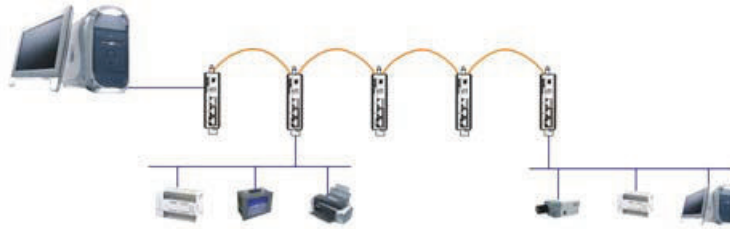
Approvals: FCC, CE, RoHS approvals



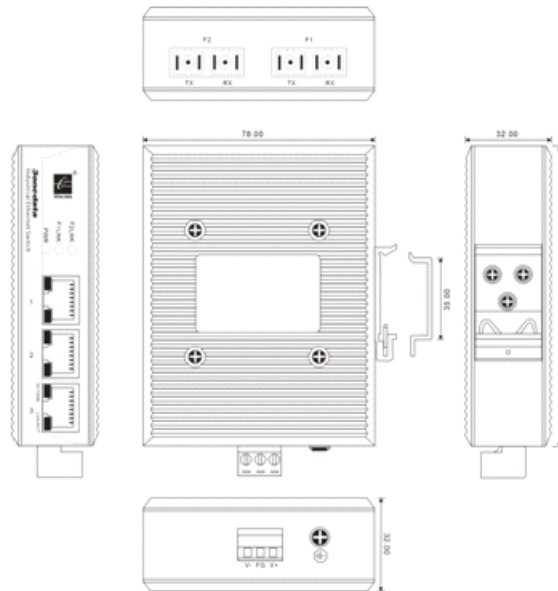
Chain Connection

In addition to industry-grade performance, the most outstanding feature of IES205 as compared with common switches is that it can provide 2 100Base-FX(IES205-2) for chain interconnection of the system to

ensure the safe data transmission. It can also break away from the 100m transmission distance of twisted-pair wire to improve the communication distance significantly.



Dimension



Ordering Information

IES205-2M 3-port 10/100Baes-T(X) + 2-port 100Base-FX, Multi-mode, SC, ST, FC optional, DC12-36V

IES205-2S 3-port 10/100Baes-T(X) + 2-port 100Base-FX, Single-mode, SC, ST, FC optional, DC12-36V

Packing List

1. Ethernet switch IES205-2 series (plus terminal block)×1
2. User manual ×1
3. DIN-Rail fittings ×1