# IES205

**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

ISO 9001  CNAB  IAF  FC  CE  RoHS

## Introduction

The IES205 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 switches easy to use and reliable. These switches have been designed for harsh industrial environments.

IES205 Supports 5 ports 10/100Base-T(X), Full/Half duplex mode, and auto MDI/MDI-X connection.

## Specification

**Interface**

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

**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),  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
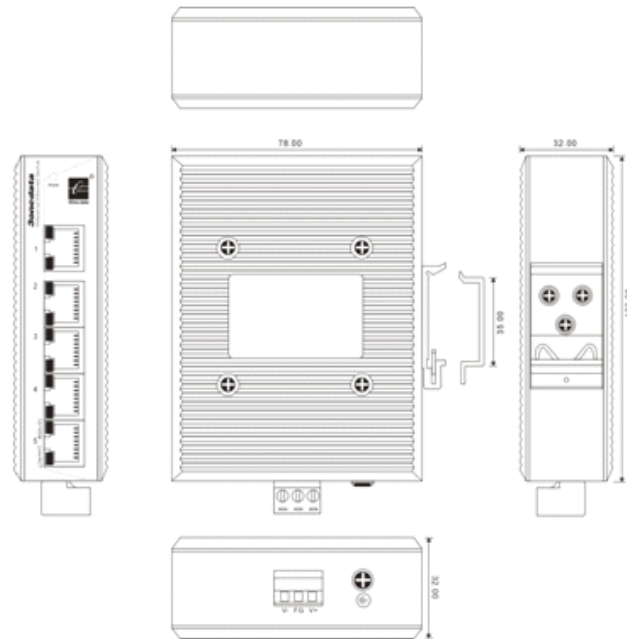
        EN61000-4-8,  Level 5

Shock: IEC 60068-2-27

Free Fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

**Warranty: 5 years**

**Approvals: FCC,CE, RoHS approvals**

## Dimension



## Packing List

1. Ethernet switch IES205 series (plus terminal block)×1

2. User manual ×1

3. DIN-Rail fittings ×1