

# IES215

**5-Port 10/100Base-T(X)**

## Unmanaged Industrial Ethernet switch

### Features

- Support 5 port 10Base-T/100Base-TX Ethernet
- Support IEEE802.3/802.3u/802.3x, store and forward
- Support Ethernet 10/100M self-adaptation
- 9~48VDC wide voltage power supply input
- No fan, low consumption design
- IP40 protection, high strength metal shell, DIN rail mount
- -40~75°C working temperature



### Introduction

IES215 is a type of unmanaged industrial Ethernet switch with 5 port 10/100Base-T(X) Ethernet. Support IEEE802.3, IEEE802.3u, IEEE802.3x standard, can provide economical solution for your network connection. IP40 grade protection ensures reliable work in terrible environment. LED indicator is

helpful to monitor and control the status of network connection. It complies with FCC, CE standard. DIN-Rail installation and wide operating temperature (-40~75°C), can satisfied some kinds of industrial environment, can provide reliable and quickly solution for your Ethernet device.

### Specification

#### Technology

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

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

#### Interface

Ethernet: 10/100Base-T(X) auto speed control, Half/full duplex and MDI/MDI-X auto detect, RJ45 port

#### Transfer distance

Twisted cable: 100m (CAT5/CAT5e)

#### Exchange attribute

100M transmit speed: 148810pps

Transfer: Store and forward

System exchange bandwidth: 1.6Gbps

Support 2K MAC address table

#### LED indicator

Interface indicator: 1~5 (LINK/ACT)

Power supply indicator: PWR

#### Power supply

Input voltage: 9~48VDC

Terminal block: 3 bits 7.62mm terminal block

None-load consumption: 0.96W@48VDC

Full load consumption: 2.45W@48VDC

Support opposite connection protection

#### DIP Switch

NO.1: Flow Control

NO.2: Force RJ45 to 10M

#### Mechanical

Shell: IP40, high strength iron shell.

Installation: DIN Rail

Dimension (W×H×D): 35mm×110mm×95mm

Weight: 0.34kg

#### Environmental

Operating Temperature: -40°C to 75°C

Storage Temperature: -40°C to 85°C

Relative Humidity: 5%~95% (non-condensing)

#### Standard

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

EMS: EN61000-4-2 (ESD), Level 3

EN61000-4-4 (EFT), Level 3

EN61000-4-5 (Surge), Level 3

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

#### Warranty

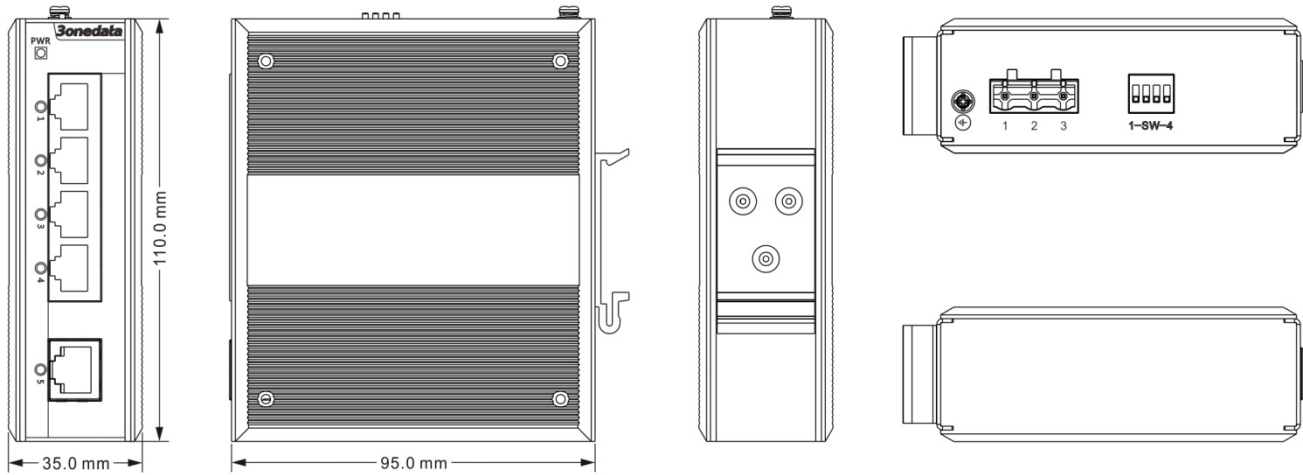
Warranty time: 5 years

#### Certification

CE, FCC, RoHS, UL508 (Pending)

## Dimension and appearance

Unit (mm)



## Ordering Information

IES215- P (9~48VDC): 5 port 10/100Baes-T(X), 9~48VDC, DIN-Rail mounting

## Packing List

1. Industrial Ethernet Switch × 1
2. User manual × 1
3. Certificate of quality × 1
4. Warranty card × 1