IT-ES215-IU

5 ports 10/100M Ethernet Unmanaged Industrial Ethernet switch

Features

1. Support 5 ports 10Base-T/100Base-TX Ethernet

2. Support IEEE802.3/802.3u store and forward

3. Support Ethernet 10/100Mself-adaption

4. 12~48VDC wide voltage power supply input

5. No fan, low consumption design

6. IP40 protection, high strength metal shell, DIN rail mount
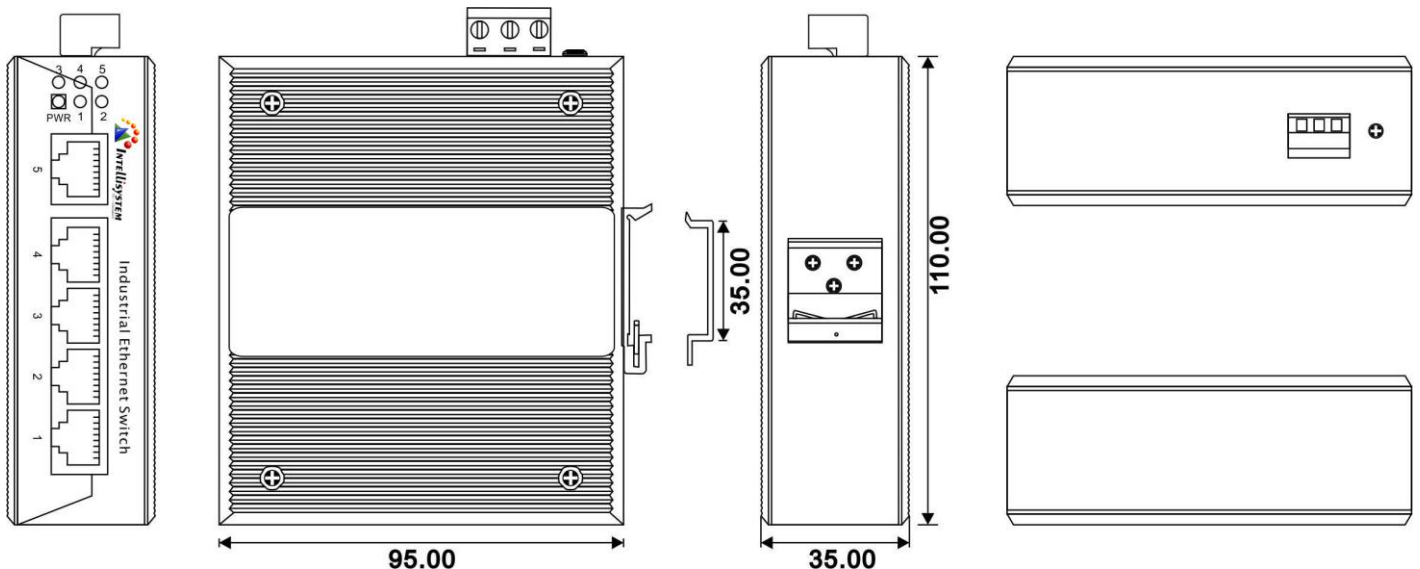
7. -40~75℃ working temperature

Introduction

IT-ES215-IU is a type of unmanaged industrial Ethernet switch with 5 port 10Base-T/100Base-TX Ethernet, supports IEEE802.3, EEE802.3u, 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℃), can satisfied some kinds of industrial environment, can provide reliable and quickly solution for your Ethernet device.

Dimensions and appearance

Unit (mm)

Specifications

Technology:

Standard: IEEE802.3, IEEE802.3u

Interfaces:

Ethernet: 10/100Base-TX self-adaption, RJ45 port

Transfer distance

Twisted cable: 100m (CAT5/CAT5e)

Exchange attributes:

100M transmit speed: 148810pps

Transfer: Store and forward

System exchange bandwidth: 1 G

Buffer memory: 64Kbits

Support 2K MAC address table

LED indicators

Interface indicator: 1~5 (LINK/ACT)

Power supply indicator: PWR

Power supply

Input voltage: 24VDC (12~48VDC)

Input current: 0.02A@24VDC

Terminal block: 3 bits 7.62mm terminal block

None load consumption: 0.48W@24VDC

Full load consumption: 1.2W@24VDC

Support inside over-current 4.0A protection

Support opposite connection protection

Mechanical

Shell: IP40, high strength iron shell.

Installation: DIN Rail

Dimension（W×H×D: 110 mm×95mm×35mm

Weight: 352g

Environmental

Operating Temperature: -45°C to 75°C

Storage Temperature: -45°C to 85°C

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

Standards

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 (PFM), Level 5

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Warranty

Warranty time: 5 years

Certifications

CE, FCC, RoHS, UL508 (Pending)

Ordering informations

Option model	Ports				Power
Standard model	Ethernet	Optic fiber port (SC/ST)			
		SM	SS	MM	
IT-ES215-IU	5	—	—	—	12~48VDC
IT-ES215-IU-1F	4	1			
IT-ES215-IU-2F	3	2			