IES1024

24-port 10/100M Ethernet

Unmanaged Industrial Ethernet Switch

Features

- Support IEEE802.3, IEEE802.3u, IEEE 802.3x
- Store and Forward switching process type
- Plug-and-play , auto MDI/MDI-X connection
- Support 8K MAC address
- 10/100BaseT(X)(RJ45)
- Operating temperature range from -40 to 75°C
- Designed without fan
- IP30, rugged high-strength metal case
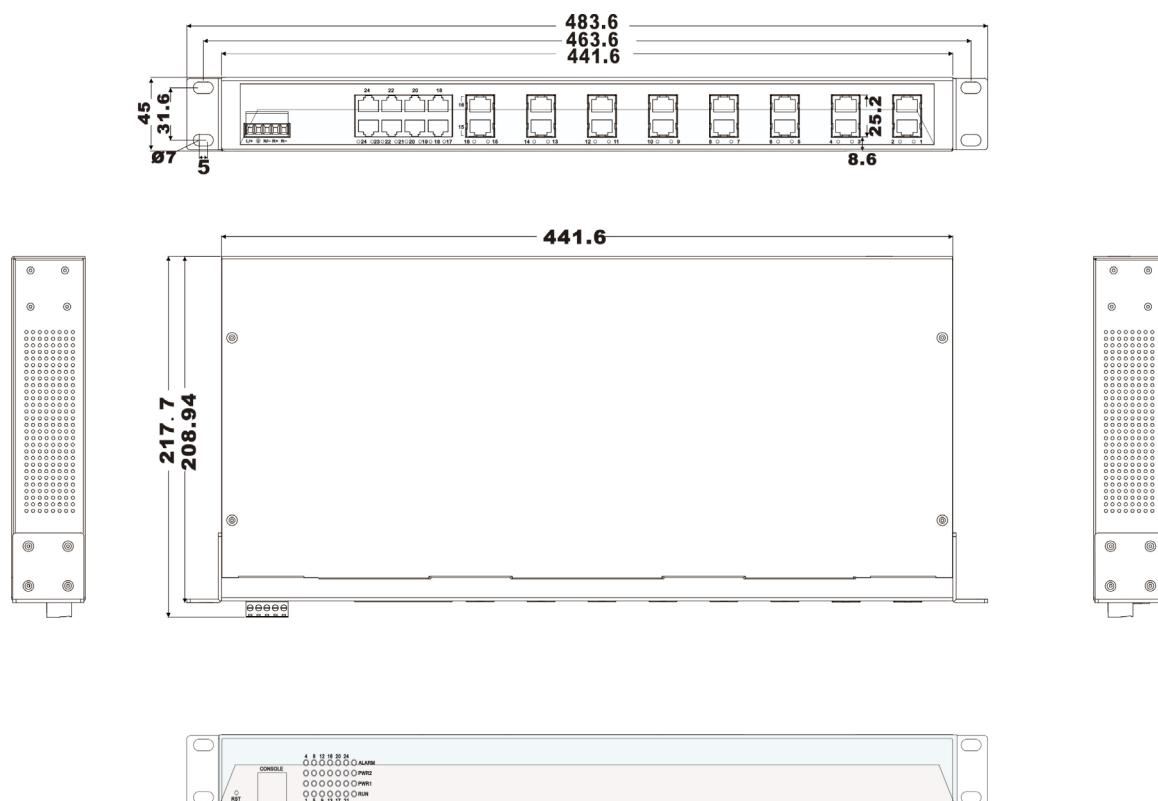- 19-inch rack mounting

CE   FC   RoHS

Introduction

The IES1024 industrial Ethernet switches consists of 24 Ethernet ports that provide an economical solution for your industrial Ethernet connection. The IES1024 switches have an operating temperature range of -40 to 75°C, and are designed with low consumption and without fan. The rugged hardware design makes the IES1024 perfect for ensuring that your Ethernet equipment can withstand the rigors of industrial applications.

Dimension

Unit (mm)

Specification

Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE 802.3x,

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

Exchange attribute1

100M forward speed: 148810pps

100M maximum filter speed: 148810pps

Transmit mode: store and forward

System exchange bandwidth: 12.8G

MAC address table: 8K

Memory: 4M

Interface

Electric port: 10Base-T/100Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect

Console port: Retain

Alarm port: 2 bit terminal block

1 channel relay alarm output

Load ability: 5A@250VAC

Transfer distance

Twisted cable: 100M（standard CAT5/CAT5e cable）

LED indicator

Run indicator: Run

Interface indicator: Link (1~24)

Power supply indicator: PWR

Alarm indicator: Alarm

Power supply

Input Voltage: 100~240VAC

Overload Current Protection: 1.2A

Connection: 3 bit terminal block

Consumption

Unload consumption: 6.9W

Full load consumption: 9.4W

Working environment

Working temperature: -40～75℃

Storage temperature:-40～85℃

Relative Humidity: 5%~95 %(no condensation)

Mechanical Structure

Packaging: IP 30 protection, metal case

Installation: 19-inch racks mount

Dimensions (L×W×H): 441.6mm×208.9mm×45mm

Industry Standard

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

EMS： EN61000-4-2 (ESD)，Leve 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

Certification

CE, FCC, RoHS, UL508 (Pending)

Warranty: 5 years

Packing List

1. Ethernet switch IES1024 (plus terminal block) × 1

2. User manual × 1

3. Certificate of quality × 1

4. Warranty card × 1

5. Power cable × 1