

# IES1024

24-port 10/100Base-T(x)

**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



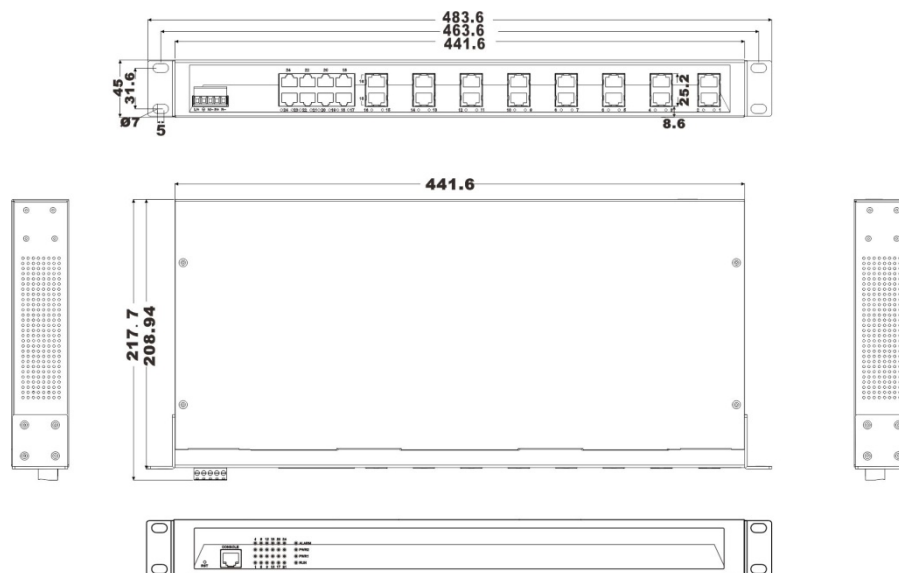
## Introduction

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: 3M

**Interface**

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

**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/DC  
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) , 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

**Certification**

CE, FCC, RoHS, UL508 (Pending)

**Warranty:** 5 years

**Packing List**

1. Industrial Ethernet switch IES1024 (plus terminal block) × 1
2. User manual × 1
3. Certificate of quality × 1
4. Warranty card × 1
5. Power cable × 1
6. Rackmount ears × 2