IES1024-8F

16-port 10/100M Ethernet+ 8-port 100Base-FX(SC/ST/FC)

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

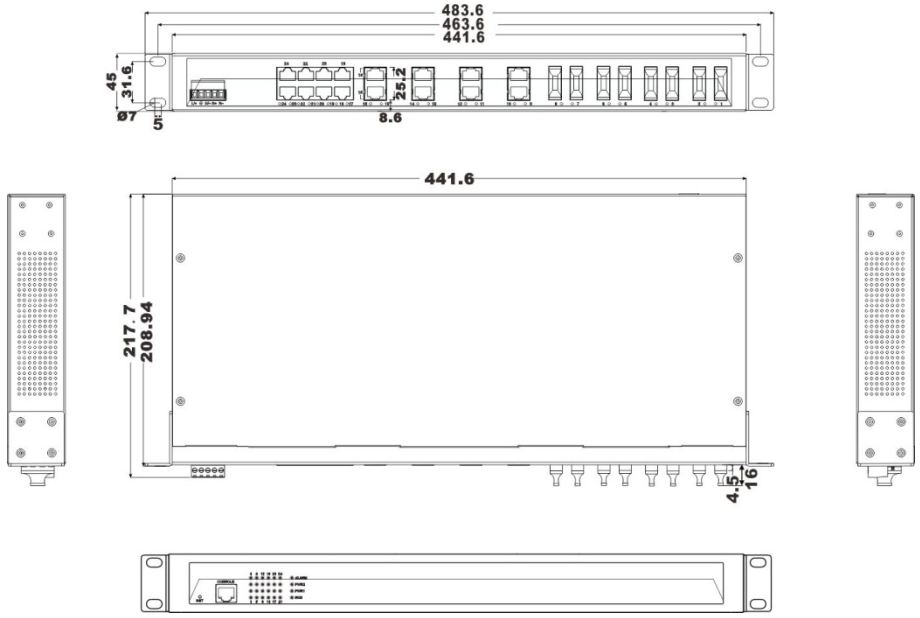


Introduction

The IES1024-8F industrial Ethernet switches consists of 16 Ethernet ports and 8 Fiber ports that provide an economical solution for your industrial Ethernet connection. The IES1024-8F 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 IES1024-8F 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 attribute

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

100M optic fiber port: 100Base-FX, SC/ST/FC connector, support single mode (20/40/60/80Km optional), multi mode (2Km), wavelength: 1310nm, 1550nm

Console port: Reserved

Alarm port: Reserved

Transfer distance

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

Multi-mode: 1310nm, 2/5Km

Single-mode: 1310nm, 20/40/60Km

1550nm, 80/100/120Km

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: 12.1W

Full load consumption: 14.6W

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 rack 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

Ordering Information

IES1024-8F (M): 16 port 10/100Baes-T(X) + 8 port 100Base-FX Multi-mode SC/ST/FC, 100~240VAC/DC;

IES1024-8F (S): 16 port 10/100Baes-T(X) + 8 port 100Base-FX Single-mode SC/ST/FC, 100~240VAC/DC;

IES1024-8F (SS): 16 port 10/100Baes-T(X) + 8 port 100Base-FX single-mode, single fiber SC/ST/FC, 100~240VAC/DC.

Packing List

1. Industrial Ethernet switch IES1024-8F (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