



## ◆ 24-port 10/100M Base-T(X ) or 100Base-FX Unmanaged

### ➤ Features

- Support 24-port 10/100M Base-T(X ) or 100Base-FX;
- Support front and back sides indicator lights, fiber indicator lights with status display ;
- Start working once connected, quick and convenient;
- Support isolated power supply, optional dual redundant power supply;
- Support power-down status relay alarm output;
- Wide temperature range design ,fanless thermal design;
- Satisfy harsh industrial environment.
- IP40 protection, aluminium alloy shell
- 19-inch rack mounting



### ➤ Introduction

IES2024 is an industrial grade Ethernet switch which supports 24-port 10/100M Base-T(X ) or 100Base-FX.

It provides an economical solution for your industrial Ethernet connection. The 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 switch perfect for ensuring that your Ethernet equipment can withstand the rigors of industrial applications

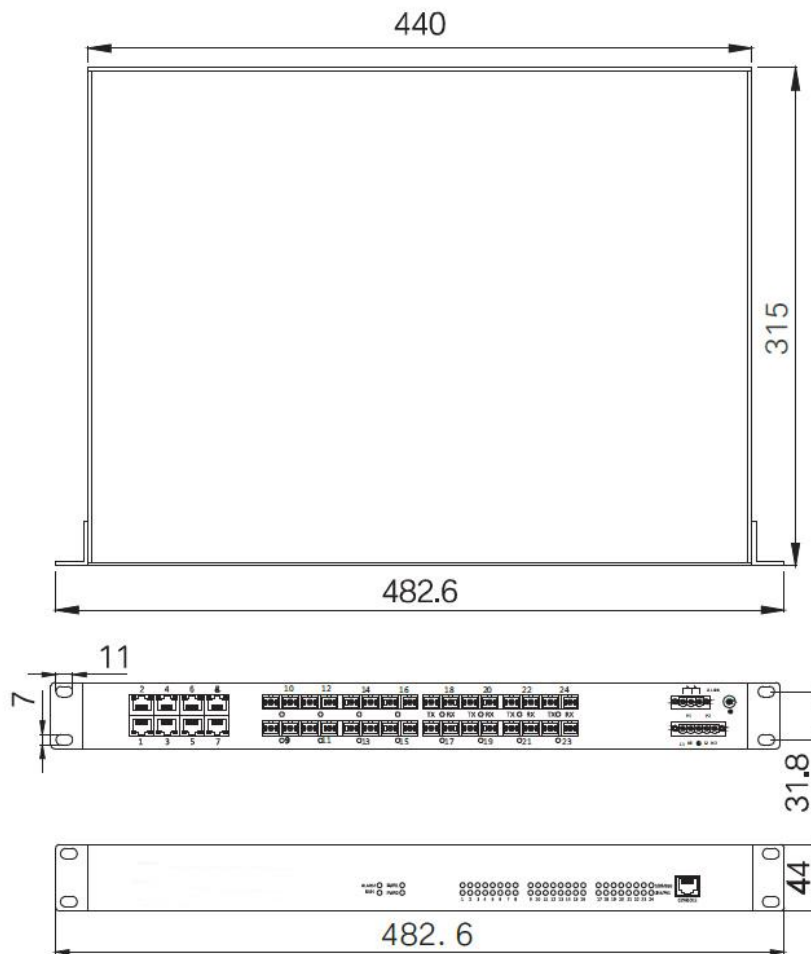
### ➤ Application Industries

- HD monitor transmission and power supply
- Wireless AP layout transmission and power supply
- Network telephone transmission , intelligent house and home system
- Intelligent transportation supervisory system (ITS)
- High-speed Way supervisory/Tele-Communication System
- Security protection system, TV medical treatment
- Long-distance Multi-media Schooling, Campus monitoring
- Long-distance broadcast television transmission system
- High-building Security Protection, Military Tele-Com project

## ➤ Specification

Technology	
Standard	Support IEEE802.3, IEEE802.3u, IEEE 802.3x,
Flow control	IEEE802.3x flow control, back press flow control
Transmit mode	store and forward
Switch Delay	<5 μs
System exchange bandwidth	5.6G
MAC address table	8K
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
Alarm port	terminal block, 1A@24VDC, support power-down status
Transfer distance	
Twisted cable	100M ( standard CAT5/CAT5e cable )
Multi-mode	1310nm, 2/5Km
Single-mode	1310nm, 20/40/60Km,1550nm, 80/100/120Km
Power supply	
Input Voltage	AC/DC220V ( 85-264VAC/110-370VDC )
Connection	3 bit terminal block
Power consumption	<20w ( MAX )
Working environment	
Working temperature	-40~75°C
Storage temperature	-40~85°C
Relative Humidity	5%~95 % ( no condensation )
Mechanical Structure	
Packaging	IP40 protection, aluminium alloy shell
Installation	19-inch racks mount
Dimensions (L×W×H)	482.6mm×315mm×44mm
Weight	3kg
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

## ➤ Dimension



## ➤ Ordering Information

Model NO.	Description
IES2024	24-port 10/100Base-T(X),AC/DC220V
IES2024-4F	20-port 10/100Base-T(X)+ 4-port 100Base-FX AC/DC220V
IES2024-8F	16-port 10/100Base-T(X)+ 8-port 100Base-FX AC/DC220V
IES2024-12F	12-port 10/100Base-T(X)+ 12-port 100Base-FX AC/DC220V
IES2024-16F	8-port 10/100Base-T(X)+ 16-port 100Base-FX AC/DC220V
IES2024-24F	24-port 100Base-FX AC/DC220V

## ➤ Packing List

- Industrial Ethernet Switch ×1
- User manual x 1
- Certificate of quality x 1
- Warranty card x 1