



## Industrial Ethernet Switch

## IES4018-2F

### ◆ 16-port 10/100M Base-T(X) + 2-port 100Base-FX Din-Rail Unmanaged

#### ➤ Features

- Support 16-port 10/100M Base-T(X) + 2-port 100Base-FX;
- Start working once connected, quick and convenient;
- Support indicator lights for states display;
- Support industrial grade power supply;
- Support power-down status relay alarm output;
- Wide temperature range design ,fanless thermal design;
- Support over Voltage, over current protection;
- Support Broadcast storm suppression;
- Satisfy harsh industrial environment;
- IP40 protection, aluminium alloy shell;



#### ➤ Introduction

IES4018-2F is an unmanaged Industrial Ethernet switch with high performance, high cost-effective. It provided 16-port 10/100M Base-T(X) + 2-port 100Base-FX

It supports auto flow control, full/half duplex mode and MDI/MDI-X self-adaption. It built in standard industry design, all components are based on Industry grade, no fan, low consumption, can satisfied some kinds of requirements of industry field, to achieve high reliability.

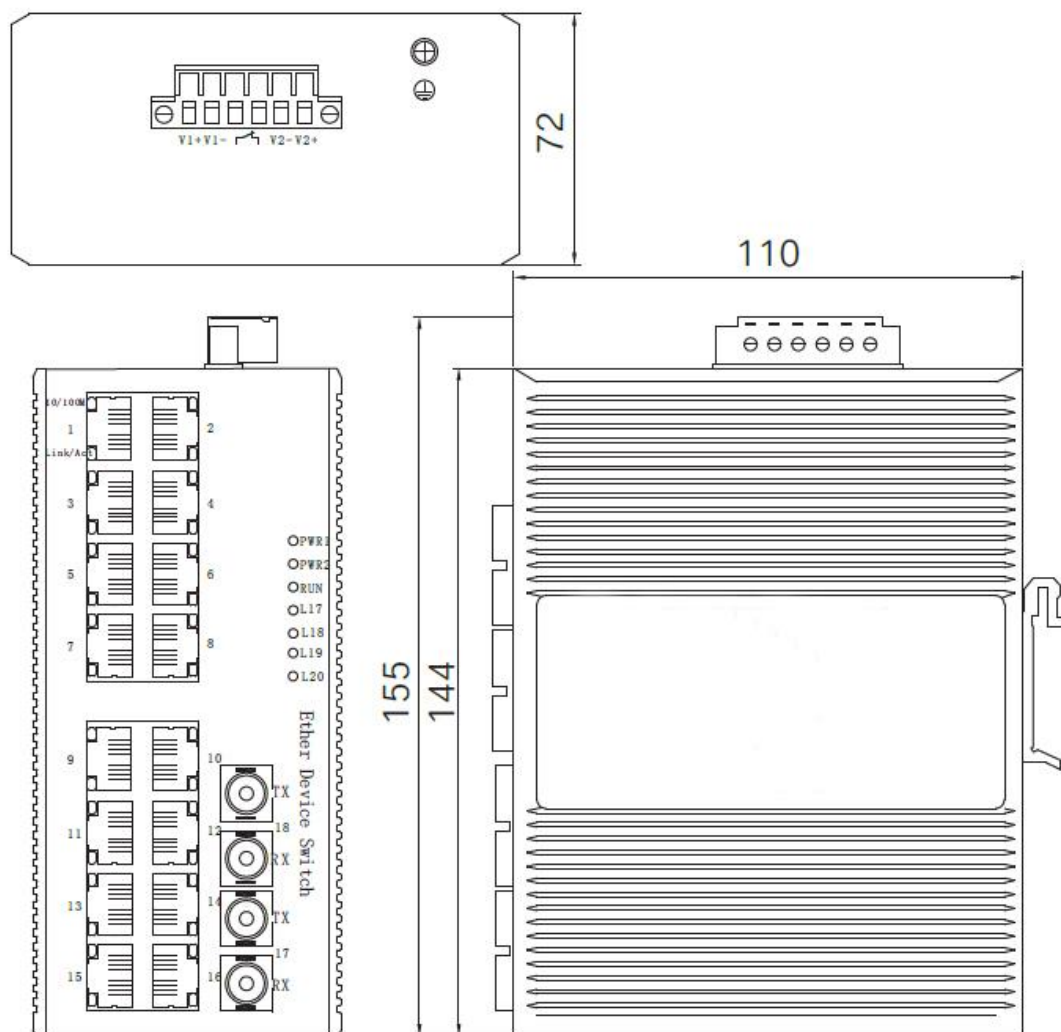
#### ➤ Application Industries

- 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	IEEE802.3, IEEE802.3u, IEEE802.3x
Flow control	IEEE802.3x, back pressure
Electric port	10Base-T/100/1000Base-TX auto speed control Half/full duplex and MDI/MDI-X auto detection
100M fiber port	100Base-FX, SC/ST optional
Alarm port	terminal block, 1A@24VDC, support power-down status
Transfer distance	
Twisted cable	100M ( standard CAT5/CAT5e cable )
Multi mode fiber	1310nm, 2Km
Single mode fiber	1310nm, 20/40/60Km 1550nm, 60/80/100/120Km
Exchange speed	148810pps
Transmit mode	store and forward
Switch Delay	<5 μ s
Switch Bandwidth	4.8Gbps
MAC Table Size	4K
LED indicator	
Running status indicator	RUN
Power	PWR
Interface lights	Link/ACT, Speed (TX),Link/ACT( FX)
Power supply	
Input voltage	DC12~48V AC/DC220V ( 85-264VAC/110-370VDC )
Input method	terminal block
Power Consumption	6w (MAX)
Support	Over-load protection, reverse connection, Redundance
Mechanical Structure:	
Shell	IP40 protection,aluminium alloy shell
Installation	3.5-inch din-rail mounting
Size (W×H×D)	144mm×110mm×72mm
Weight	1kg
Working temperature	-40~85℃
Storage temperature	-40~85℃
Relative Humidity	5%~95%( no condensation)
Standard	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), Level 4
Shock	IEC 60068-2-27
Free fall	IEC 60068-2-32
Shake	IEC 60068-2-6
Certification	CE, FCC, RoHS, UL508(Pending)
Warranty time	5 years

## ➤ Dimension



## ➤ Ordering Information

Model NO.	Description
IES4018-2F	16-port 10/100M Base-T(X)+2-port 100Base-FX, DC12-48V
IES4018-2F	16-port 10/100M Base-T(X)+2-port 100Base-FX, AC/DC220V

## ➤ Packing List

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