Industrial Ethernet Switches IES408-1F

◆ 7 port 10/100M TX+ 1 port 100M FX Unmanaged Switch (12V～48VDC)

➢ Features

- Advanced Ethernet switch technical
- IEEE802.3/802.3u/802.3x/802.3d,store and forward
- Plug-and-play, 10/100M, F/H duplex, MDI/MDI-X auto negotiation
- Broadcast storm protection
- Relay output warning for power failure and port break alarm
- Redundant 24VDC power input(12V～48VDC)
- -40~75 ℃ working temperature
- Designed for industrial applications. IP30 protection, rugged high-strength metal case

➢ Introduction

IES408-1F series are a smart plug-and-play industrial Ethernet switch, which can provide economical solution for your Ethernet. Its dustproof fully sealed structure(protective case of IP30 level), over-current, over-voltage and EMC protected redundant double power input as well as built-in intelligent alarm design can help system main tenancy personnel monitor the network operation, which can work reliably in harsh and dangerous environment.
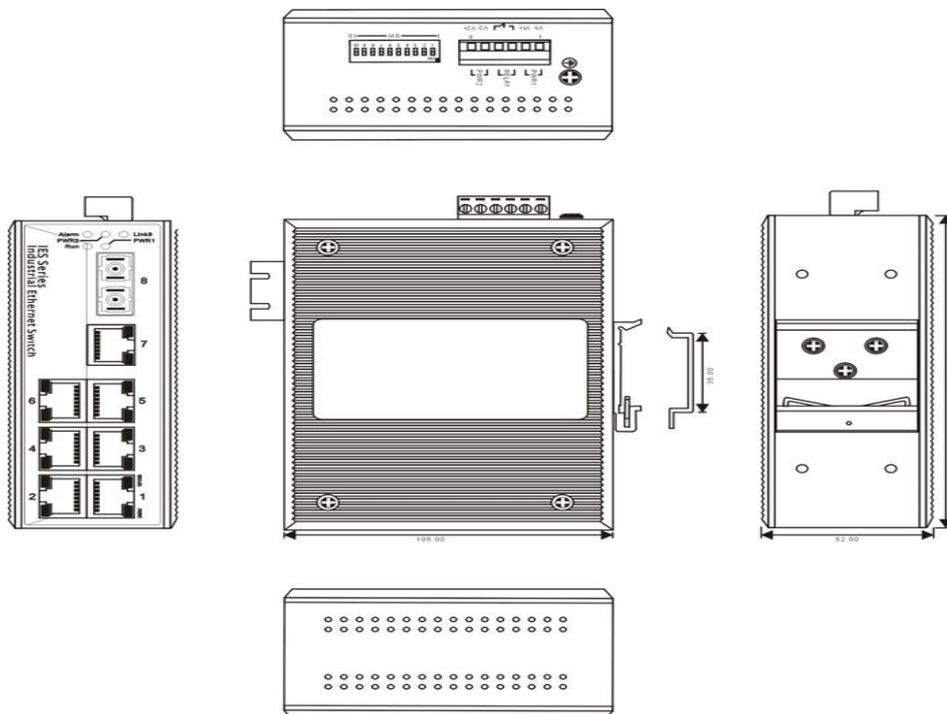
IES408-1F support 7 TP ports and 1 optic port, TP(RJ45) Support 10/100Base-T(X), Full/Half duplex mode, and auto MDI/MDI-X connection.100BaseFX ports supports single/multi mode, SC/ST connector, optional.

➢ Specification

Interface	
RJ45 Ports	10/100BaseT(X) auto connection, F /H duplex or force work mode, and support MDI/MDI-X connection
Fiber Port	100BaseFX ports (SC/ST connector, optional),Single-mode:20,40,60,80, 120Km,optional,Multi-mode: 2Km
Wavelength	850nm, 1310 nm, 1550nm
Alarm output interface	One relay alarm output. Support power, port link and network alarm
Indicator	Power, Port link, abnormity alarm indication, 10M/100M Rate
Technology	
Standards	IEEE802.3, IEEE802.3x, IEEE802.3u
Forwarding and Filtrate Rate	148810pps
Processing type	Store and Forward
System exchange bandwidth	4.8G
Relay	
Max voltage	DC30V
Max power input	24VA
Power	

Input Voltage	24VDC (12VDC~48VDC),overload Current Protection, support dual power backup
Mechanical	
Dimensions	136mm×52mm×105mm (H×W×D)
Casing	IP30 protection, Metal case
Weight	800g
Environmental	
Operating Temperature	-40 to 75 ℃
Storage Temperature	-45 to 85 ℃
Ambient Relative Humidity	10% to 95% (non-condensing)
Approvals	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2(ESD), EN61000-4-3(RS), EN61000-4-4(EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC 60068-2-27
Free Fall	IEC 60068-2-32
Vibration	IEC 60068-2-6
Warranty	5 years
Approvals	FCC,CE, RoHS approval

➢ **Dimension**

➤ Ordering Information

Model NO.	Description
IES408-1F (M)	7-port 10/100Baes-T(X) + 1-port 100Base-FX, Multi-mode, SC/ST optional, DC12-48V
IES408-1F (S)	7-port 10/100Baes-T(X) + 1-port 100Base-FX, Single-mode, SC/ST optional, DC12-48V
IES408-1F (SS)	7 -port 10/100Baes-T(X)+1- port 100Base-FX, Single-mode, single fiber, SC/ST optional, DC12-48V

➤ Double power supply input and relay output alarm

IES408-1F series can provide double power supply backup and 1-route relay alarm output. Redundant double DC power supply input (12V～48VDC) can provide your equipment with uninterrupted operation to further provide additional protection for normal operation of automatic system. 1-route equipment alarm output signal can support power supply and port link alarm. Relay can give out output alarm in case of power supply failure or interruption of port link to notice or remind site engineers to make quick response for appropriate emergency maintenance

➤ Packing List

- Ethernet switch IES408-1F series (plus terminal block)×1
- User manual ×1
- DIN-Rail fittings ×1