4-port 10/100M Ethernet + 1-port 100M FX, Din-Rail, Layer2, Unmanaged

➢ Features

- Support 4-port 10/100M Base-T(X) + 1-port 100Base-FX;
- Plug-and-play, no configuration is required;
- Support indicator status display;
- Support IP40 protection, aluminum alloy shell, fanless design;
- Support Broadcast storm suppression;
- Support Single DC12-48V or single AC/DC 220V power supply;
- Power supply input support anti-reverse protection and non-polarity;
- Support over Voltage, over current, EMC protection;
- Support -40-75°C wide operating temperature range;
- DIN-Rail or wall Installation;
- Warranty:5years

➢ Introduction

UPCOM IES405-F is a rugged industrial grade, Din-Rail, layer2, Unmanaged Ethernet switch that supports 4-port 10/100M Base-T(X) +1-port 100Base-FX. Plug and play, easy to install, no configuration is required, can be operated at wide temperatures range from -40 to 75°C.

IES405-F adopts standard Industrial design, IP40 protection, aluminum alloy shell, support Din-rail or wall installation, fanless design, support EMC level 4 protection, Single power DC12-48V or single AC/DC220V optional, can meet the requirement of various Industrial automation, Data Center Network, Intelligent Transportation System, Electric Power Industry, and new energy applications.
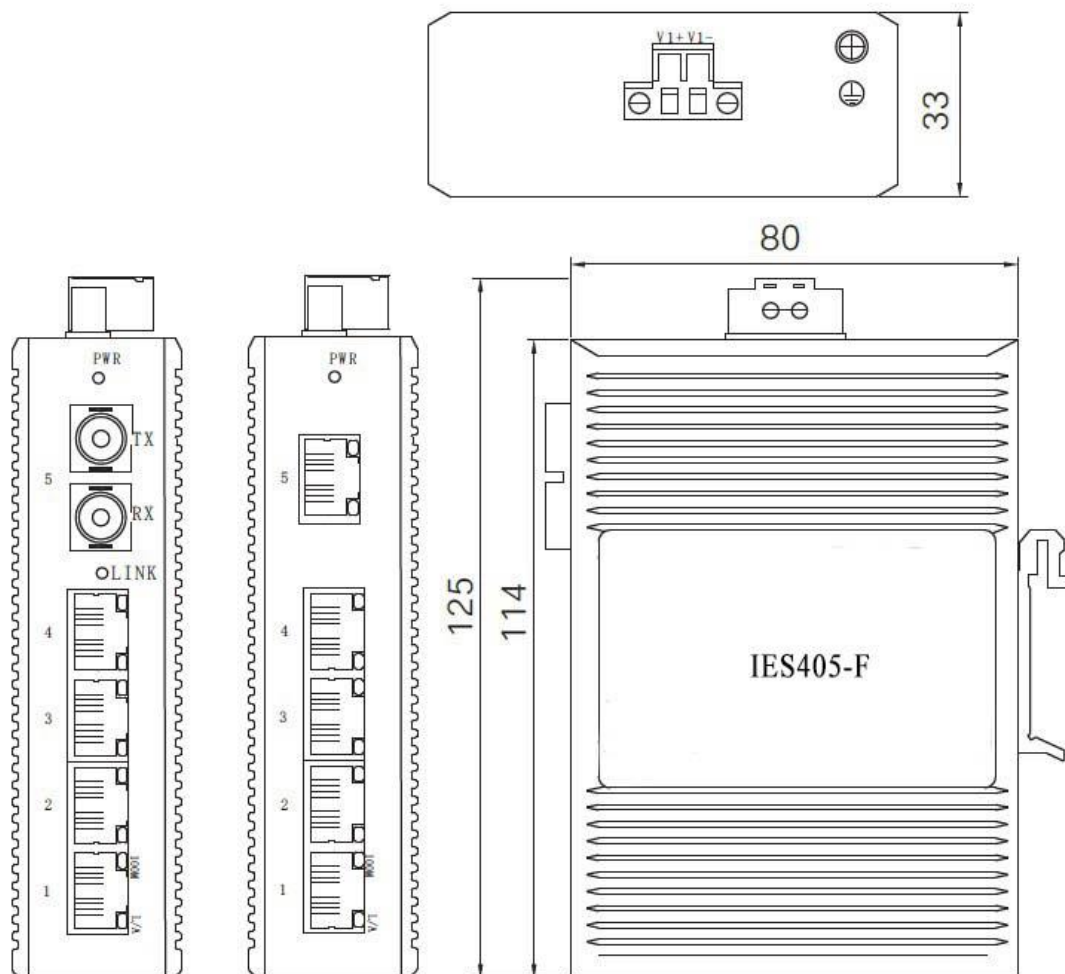
➢ Application

- Intelligent Transportation System
- Industrial Automation
- Security Surveillance
- New Energy and Utilities
- Data Center Network
- Electric Power Industry
- Oil&Gas
- Smart City

➢ Specification

Specification	
Product Name	5-port 10/100M Din-Rail Unmanaged layer2 Industrial Ethernet switch
Product Model	IES405-F
Port Definition	4-port 10/100M RJ45 +1-port 100Base-FX
Terminal block for power input	5.08mm terminal block
Protocol Standard	IEEE802.3(Ethernet), IEEE802.3u(100Base-TX&100Base-FX)
	IEEE802.3x(Flow control)
Switch capability	
MAC Table Size	1K
Switch Delay	<5μs
Communication distance	
Twisted-pair	100m(CAT5/CAT5e cable)
Multi-mode fiber	100M multi-mode: 1310nm 2km
Single mode fiber	100M single mode: 1310nm 20km; 1550nm 40/60/80/100/120km
LED indicator lights	
Front panel LED lights	Port light: LINK/ACT;SPEED;
	Power LED: PWR1/PWR2
Power	
Input power	Single power DC12-48V or Single power AC/DC220V
Full-load consumption	<5W
Overload protection	support
Inversed protection	support
Working Environment	
Operating Temperature	-40°C~75°C
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95% (non-condensing)
Physical Characteristics	
Shell	IP40 protection, aluminum alloy shell
Installation	35mm din-rail Installation
Dimension	35mm*118mm*86mm
Industry standard	
EMC	EN61000-4-2(ESD), Level 4 EN61000-4-3(RS), Level 4 EN61000-4-4(EFT), Level 4 EN61000-4-5(Surge), Level 4 EN61000-4-6(CS), Level 4

	EN61000-4-8, Level 5
Impact	IEC60068–2-27
Falling	IEC60068-2-32
Shock	IEC60068-2-6
Warranty	
Warranty	5 Years
Certification	CE, FCC, RoHS

➢ **Dimension**

➤ Connection

➤ Ordering Information

Model NO.	Description
IES405	5-port 10/100M Base-T(X), Single DC12-48V
IES405-F	4-port 10/100M Base-T(X)+1-port 100M FX, Single DC12-48V
IES405-AD220	5-port 10/100M Base-T(X), Single AC/DC220V
IES405-F-AD220	4-port 10/100M Base-T(X)+1-port 100M FX, Single AC/DC220V

➤ Packing List

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