

16-port 10/100/1000M Ethernet + 4-port Gigabit SFP, Unmanaged

➤ Features

- Support 16-port 10/100/1000M Base-T(X) + 4-port Gigabit SFP;
- Plug-and-play, no configuration is required;
- Support relay alarm output;
- Support indicator status display;
- Support IP40 protection, aluminum alloy shell, fanless design;
- Support Broadcast storm suppression;
- Support dual AC/DC 220V power supply;
- Power supply input support anti-reverse protection;
- Support over Voltage, over current, EMC protection;
- Support -40-75°C wide operating temperature range;
- 1U, 19-inch Rack-mount Installation;
- Warranty:5years



➤ Introduction

IES2020-16G-4GS is a rugged industrial grade, Din-Rail, layer2, Unmanaged Ethernet switch which supports 16-port 10/100/1000M Base-T(X) + 4-port Gigabit SFP. Plug and play, easy to install, no configuration is required, can be operated at wide temperatures range from -40 to 75°C. two independent power circuits ensure the normal operation of the device when one power supply is faulty.

UCPOM IES2020-16G-4GS adopts standard Industrial design, IP40 protection, aluminum alloy shell, support Din-rail or wall installation, fanless design, support EMC level 4 protection, dual power AC/DC220V optional, can meet the requirement of various Industrial automation, Data Center Network, Intelligent Transportation System, Electric Power Industry, and new energy, etc.

➤ Application

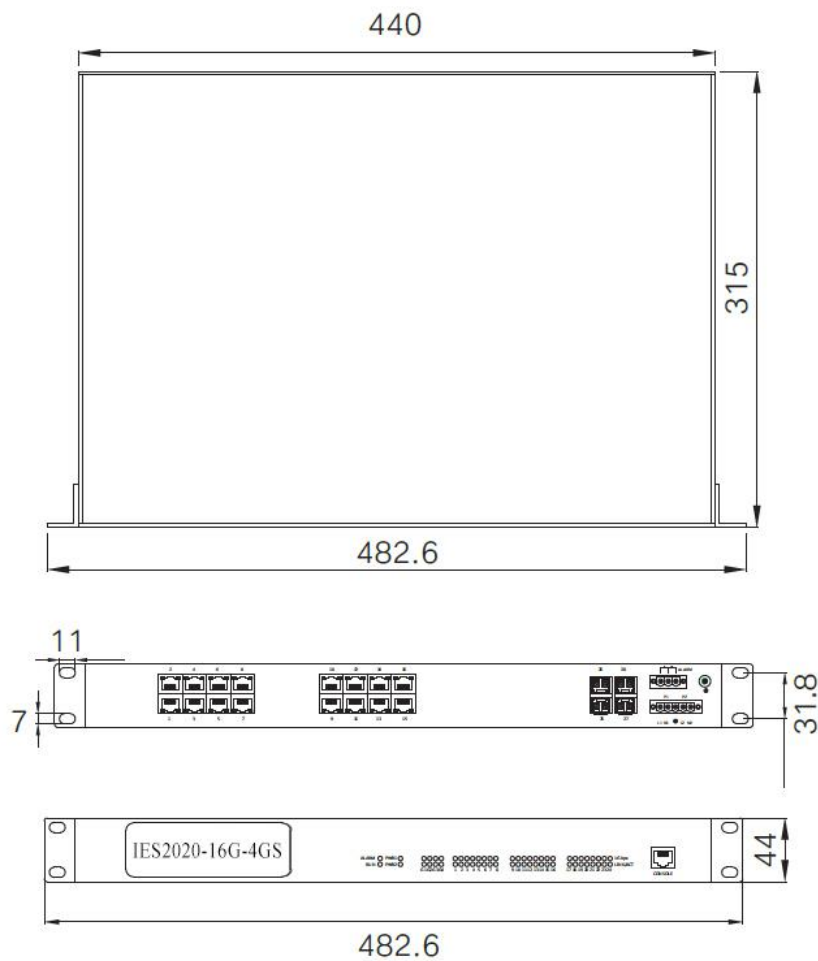
- Intelligent Transportation System
- Industrial Automation
- Security Surveillance
- New Energy and Utilities
- Data Center Network
- Electric Power Industry
- Oil&Gas
- Smart City

➤ Specification

Specification	
Product Name	20-port Full Gigabit Rack-mount Unmanaged layer2 Industrial Ethernet switch
Product Model	IES2020-16G-4GS
Port Definition	16-port 10/100/1000M Base-T(X) + 4-port Gigabit SFP
1000M Fiber port	SFP optical port, LC interface
Terminal block for power input	5.08mm terminal block
Terminal block for relay alarm	5.08mm terminal block, 1A@24VDC
Protocol Standard	IEEE802.3i-10BaseT, IEEE802.3u-100BaseTX/100BaseFX,
	IEEE802.3x(Flow Control)
	IEEE802.3ab(1000Base-T), IEEE802.3z(1000Base-LX), 802.1az, 802.1ab
Switch capability	
MAC Table Size	16K
Backplane bandwidth	40Gbps
Switch Delay	<5μs
Communication distance	
Twisted-pair	100m(CAT5/CAT5e cable)
Multi-mode fiber	1.25G multi-mode: 1310nm 2km
Single mode fiber	1.25G single mode: 1310nm 20km; 1550nm 40/60/80/100/120km
LED indicator lights	
Front panel LED lights	Port light: LINK/ACT;SPEED;
	Power status light: PWR1; PWR2
	Alarm light: ALARM
	Fiber indicator light: LINK/ACT
Power	
Input power	Dual power AC/DC220V
Full-load consumption	<15W
Overload protection	support
Inversed protection	support
Redundancy 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	Standard 19-inch rack mounting
Dimension	482.6mm*44mm*315mm
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



➤ Packing List

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