

MIEN2018-2F

18-port 100M rack-mount unmanaged Industrial Ethernet Switch

Product description

MIEN2018-2F is an industrial Ethernet switch designed and developed for industrial high-speed communication network applications. The switch is mainly used for simple application of plug and play. All copper ports support auto-negotiation, 10/ 100Mbps full-duplex and half-duplex, Auto-MDI / MDI-X and other functions. Make industrial communication smoother, more reliable, and faster, and meet the needs of customers for continuous innovation to increase value-added applications.



Features:

- Support 2 100M fiber ports +16 10/100M copper ports.
- Connect and use, convenient and fast;
- Support indicator status display;
- Support industrial power supply;
- Industrial grade wide temperature design, fanless heat conduction design;
- Meet the application requirements of harsh industrial environments.

Product specification

Technical parameters

Protocol Standard	IEEE802.3(Ethernet), IEEE802.3u (100Base-TX&100Base-FX), IEEE802.3x (Flow Control)
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Switch capability

MAC Table Size	8k
Backplane bandwidth	8.8Gbps
Switch Delay	<5μs

Interface

100M port	Number: 18
	Connector: RJ45 10/100M TX port
	Baud rate: Self-adaption 10/100Mbase-TX
Fiber port	Number: 2
	Interface form: 100Base-TX single-mode or multi-mode fiber interface
Terminal block for power input	5.08mm terminal block

Communication distance

Twisted-pair	100m(CAT5/CAT5e cable)
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LED indicator lights

Front panel LED lights	Port light: LINK/ACT; SPEED
	System work light: RUN
	Power status light: PWR

Power

Input power	AC/DC220V(85-264VAC/110-370VDC)
Power consumption	<20W@(MAX)
Overload protection	Support
Reverse protection	Support

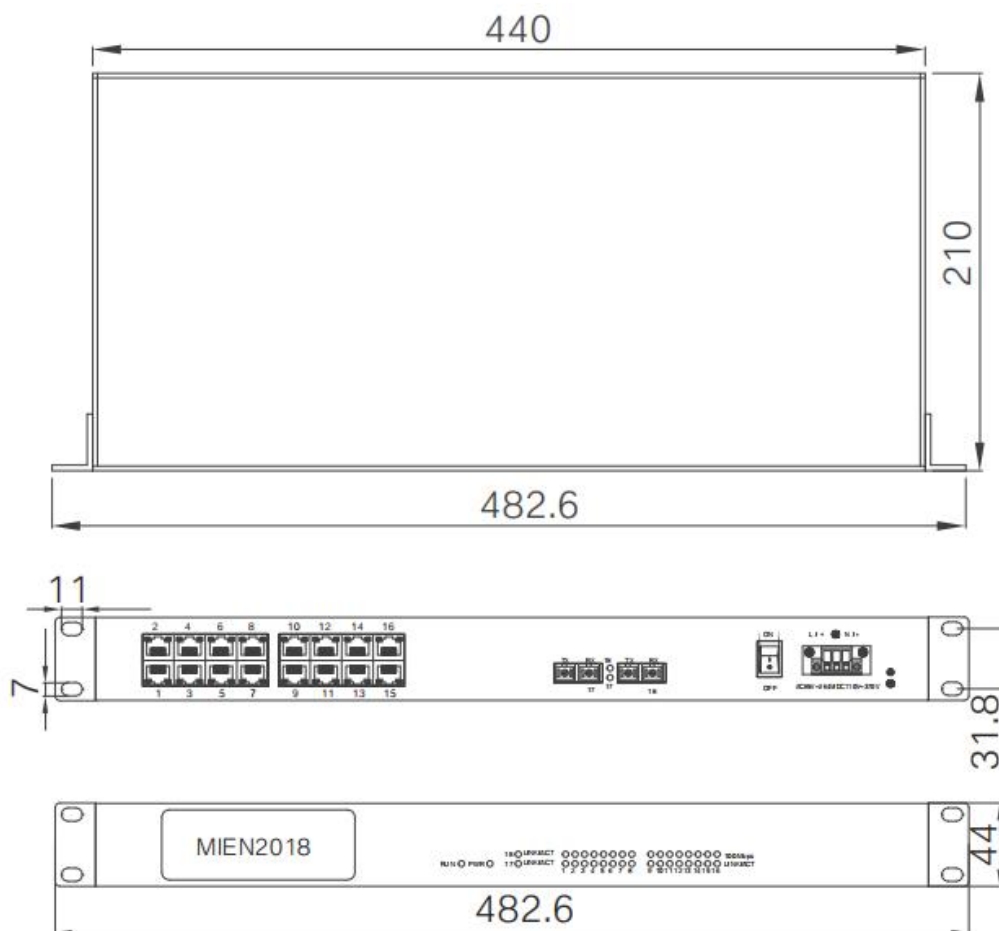
Working Environment

Operating Temperature	-40°C~85°C
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95%

Physical Characteristics

Shell	IP40 protection, aluminum alloy shell
Installation	Standard 19-inch rack mounting,
Dimension	482.6mm×44mm×210mm (W×H×D)
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	
Certification	CE, FCC, RoHS

Dimensional drawing



Rack mount (unit: mm)

Ordering Information

MIEN2018-2M-SC02-A D220	2x100M fiber ports +16x10/100M RJ45 ports,, single AC85-264V/ DC110~370V isolate power supply.Multi-mode, SC connector,2KM.
MIEN2018-2M-ST02-A D220	2x100M fiber ports +16x10/100M RJ45 ports,, single AC85-264V/ DC110~370V isolate power supply.Multi-mode, ST connector,2KM.
MIEN2018-2M-FC02-A D220	2x100M fiber ports +16x10/100M RJ45 ports,, single AC85-264V/ DC110~370V isolate power supply.Multi-mode, FC connector,2KM.
MIEN2018-2S-SC20-A D220	2x100M fiber ports +16x10/100M RJ45 ports,, single AC85-264V/ DC110~370V isolate power supply.Single-mode, SC connector,20KM.
MIEN2018-2S-ST20-A D220	2x100M fiber ports +16x10/100M RJ45 ports,, single AC85-264V/ DC110~370V isolate power supply.Single-mode, ST connector,20KM.
MIEN2018-2S-FC20-A D220	2x100M fiber ports +16x10/100M RJ45 ports,, single AC85-264V/ DC110~370V isolate power supply.Single-mode, FC connector,20KM.