

## MIEN2204

### 4-port 10/100M Din-Rail Layer 2 Unmanaged Industrial Ethernet Switch

#### Product description

MIEN2204-2F Din-rail unmanaged industrial Ethernet switch supports IEEE 802.3/802.3u/802.3x with 10/100M, full/half-duplex, MDI/MDIX self-adaptive RJ45 ports and 100Base-F(X) ports. MIEN2204 series can be operated at wide temperatures range from -40 to 85°C, and its IP40 casing house satisfies any harsh industrial environment.



#### Features:

- 2x100M FX ports + 2x10/100M RJ45 ports
- Start working once connected, quick and convenient
- Support 10Base-T/100Base-TX self-adaptive, full/half duplex, and MDI/MDIX self-adaptive mode
- IP40 rated casing house with fanless thermal design
- Support status display indicator lights
- Industrial grade power supply with anti-reverse/overcurrent/overvoltage/EMC protection
- Wide temperature range from -40 to 85°C
- Satisfy harsh industrial environment

## Product specification

### Technical Parameters

Protocol Standard	IEEE802.3, IEEE802.3u (100Base-TX&100Base-FX), IEEE802.3x (Flow control)
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### Switch Capability

MAC Table Size	1k
Switch Latency	<5μs
Packet Cache	448Kbit
Switch Bandwidth	1.6Gbps

### Interface

100M port	Number: 4
	Connector: 1×9 fixed fiber port(single/multi-mode optional, SC/FC/ST interface) or RJ45 100Base-TX port
	Baud rate:100Base-FX(Fiber port),10/100M-TX auto-negotiation
Terminal block for power input	5.08mm terminal block

### Communication Distance

Twisted-pair	100m(CAT5/CAT5e cable)
Multimode fiber	100M multimode: 1310nm, 2km
Single mode fiber	100M single mode:1310nm, 20/40km; 1550nm; 60/80km

### LED Indicator Lights

Front panel LED lights	Port light: LINK/ACT; SPEED; RUN
	Power status light: PWR1/PWR2

### Power

Input power	DC12~48V
	DC48V
	AD220V
Power consumption	1.5W@24V
Overload protection	support
Inversed protection	support

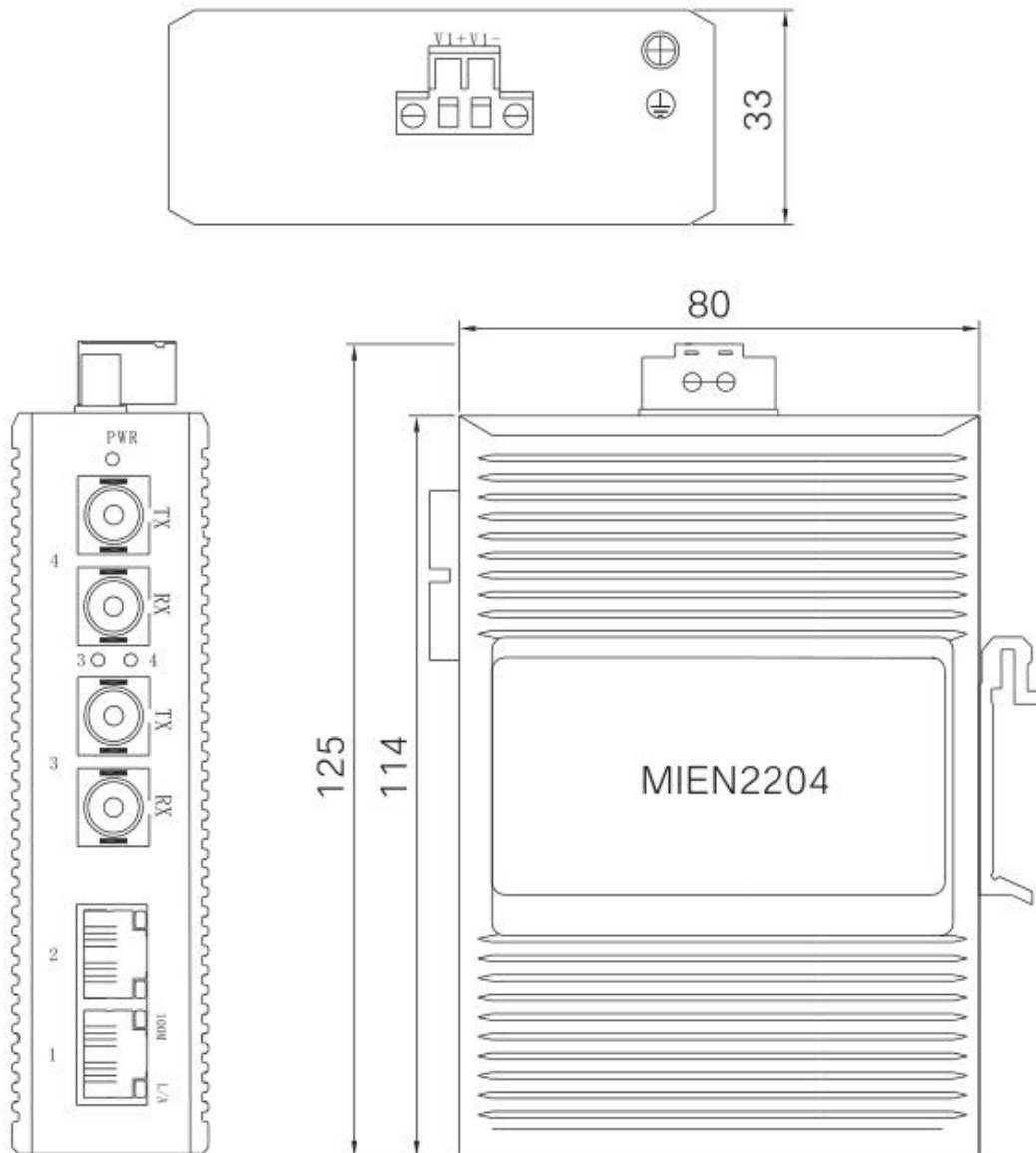
### Working Environment

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 35mm DIN-rail Mounting
Dimension	33.0mm*114.0mm*80.0m
<b>Industry Standard</b>	
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
<b>Warranty</b>	
Warranty	5 Years
Certification	CE, FCC, RoHS

## Dimensional drawing



Din-rail mounting (unit: mm)

## Ordering Information

MIEN2204-2M-SC02	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply, Multi-mode, SC connector, 2KM
MIEN2204-2M-ST02	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply, Multi-mode, ST connector, 2KM
MIEN2204-2M-FC02	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply, Multi-mode, FC connector, 2KM
MIEN2204-2S-SC20	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply, Single-mode, SC connector, 20KM
MIEN2204-2S-ST20	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power

	supply,Single-mode,ST connector, 20KM
MIEN2204-2S-FC20	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply,Single-mode,FC connector, 20KM
MIEN2204-2M-SC02-DC48	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Multi-mode,SC connector, 2KM
MIEN2204-2M-ST02-DC48	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Multi-mode,ST connector, 2KM
MIEN2204-2M-FC02-DC48	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Multi-mode,FC connector, 2KM
MIEN2204-2S-SC20-DC48	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Single-mode,SC connector, 20KM
MIEN2204-2S-ST20-DC48	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Single-mode,ST connector, 20KM
MIEN2204-2S-FC20-DC48	2x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Single-mode,FC connector, 20KM
MIEN2204-2M-SC02-AD220	2x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Multi-mode,SC connector, 2KM
MIEN2204-2M-ST02-AD220	2x100M fiber ports +2x10/100M RJ45 ports,AC85-264V/DC110~370V isolated power supply,Multi-mode,ST connector, 2KM
MIEN2204-2M-FC02-AD220	2x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Multi-mode,FC connector, 2KM
MIEN2204-2S-SC20-AD220	2x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Single-mode,SC connector, 20KM
MIEN2204-2S-ST20-AD220	2x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Single-mode,ST connector, 20KM
MIEN2204-2S-FC20-AD220	2x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Single-mode,FC connector, 20KM