

## MIEN2216

### 16x10/100M RJ45 ports Din-Rail Layer 2 Unmanaged Industrial Ethernet Switch

#### Product description

MIEN2216 is an industrial Ethernet switch designed and developed for industrial high-speed communication network applications. The switch is mainly used for simple application in plug and play. All copper ports support auto-negotiation, Auto-MDI/ MDI-X and other functions. MIEN2216 series can be operated at wide temperatures range from -40 to 85°C, and its IP40 casing house satisfies any harsh industrial environment.



#### Features:

- 16x10/100M 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
- Support power-down status reply alarm output.
- Wide temperature range from -40 to 85°C
- Satisfy harsh industrial environment

## Product specification

### Technical Parameters

Protocol Standard	IEEE802.3i-10BaseT, IEEE802.3u-100BaseTX/100BaseFX, IEEE802.3x-Flow Control
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### Switch Capability

MAC Table Size	8k
Switch Bandwidth	8.8Gbps
Switch Latency	<5 $\mu$ s

### Interface

100M port	Number: 16
	Connector: RJ45 100M TX port
	Baud rate: auto-negotiation 10/100Mbase-TX
Terminal block for power input	5.08mm terminal block
Terminal block for relay alarm	5.08mm terminal block, 1A@24VDC

### Communication distance

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

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

### Power

Input power	DC9-60V AD220V
Power consumption	<5.2W@(MAX)
Overload protection	support
Inversed protection	support
Redundancy protection	support

### Working Environment

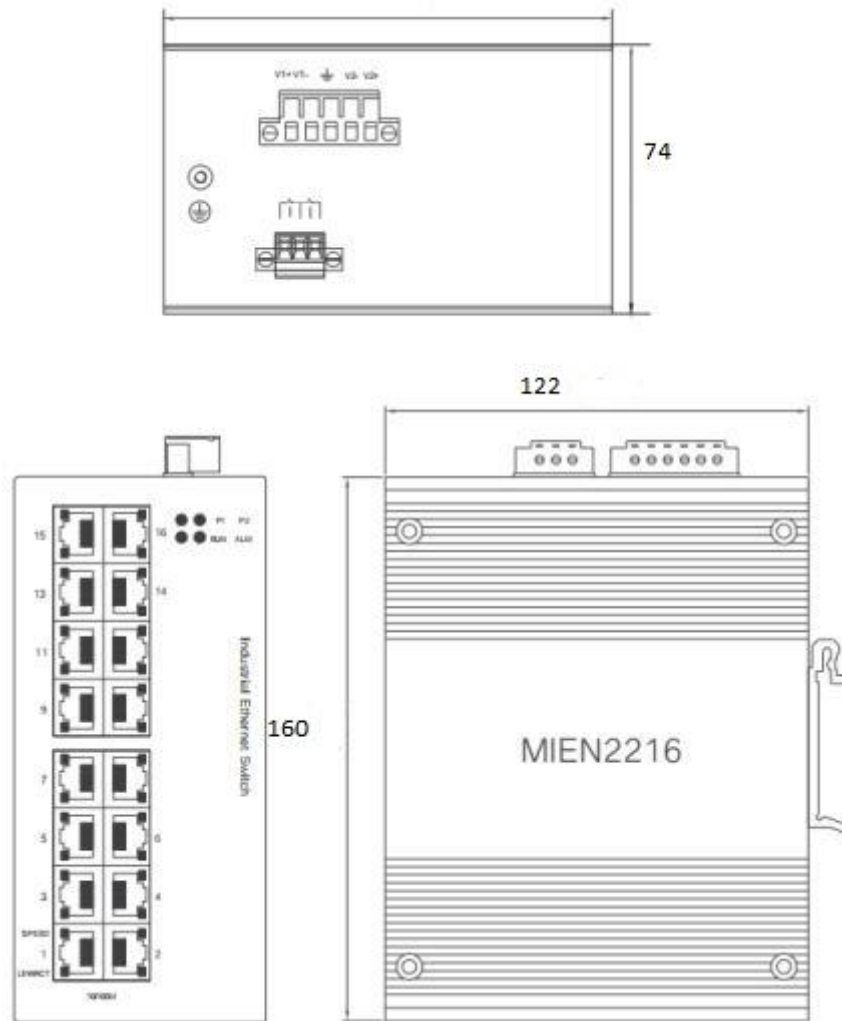
Operating temperature	-40°C~85°C
Storage temperature	-40°C~85°C
Ambient humidity	5%~95%

### Physical Characteristics

Shell	IP40 protection, aluminum alloy shell
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Installation	Standard 35mm DIN-rail Mounting
Dimension	160mm*74mm*122mm
<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

MIEN2216-DC48	16 10/100M Tx ports, din-rail mounted, dual DC48~60V isolate power supply
MIEN2216-AD220	16x10/100M RJ45 ports, din-rail mounted, single AC85-264V/DC110~370V isolate power supply