

MIEN2216

16x10/100M ports din-rail mounting layer 2 unmanaged industrial Ethernet switch

Product description

MIEN2016 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 electrical ports support auto-negotiation, Auto-MDI/ MDI-X and other functions. It makes industrial communications smoother, more reliable and faster which meets the needs of customers to innovate to increase value-added applications. It supports AC and DC 220V power and also supports wide range DC and AC power inputs.

Features:

- Support 2x100M FX ports+16x10/100M RJ45 ports
- Start working once connected, quick and convenient
- Support status display indicator lights
- Support industry power supply
- Support power-down status reply alarm output
- Wide temperature range design, fanless thermal design
- 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
Backplane bandwidth	3.2Gbps
Switch Latency	<5μs

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
	System work light: RUN
	Power status light: PWR1; PWR2

Power

Input power	DC110~220V (Wide voltage: DC110~370V) or AC100~240V (Wide voltage: AC85~264V) Support optional for DC12V, DC24V, DC48V
Power consumption	<10W@(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
Installation	Standard 35mm DIN-rail Mounting
Dimension	72.0mm*156.0mm*120.0mm

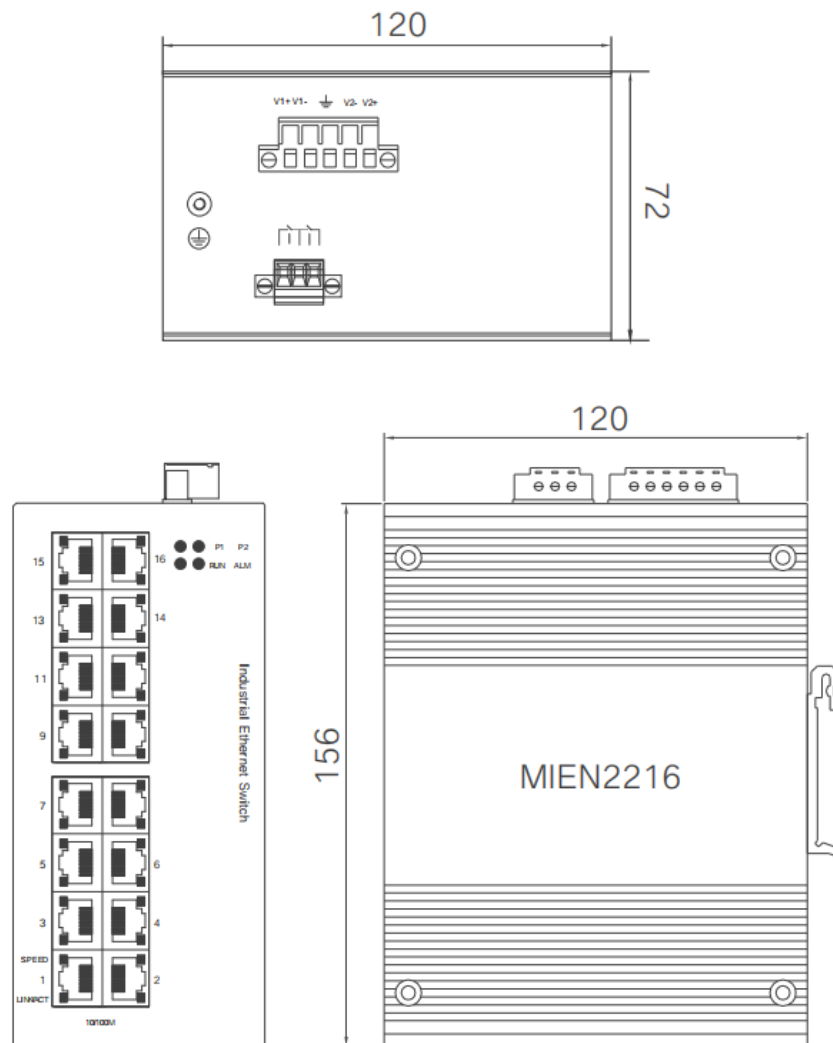
Industry standard

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

Dimensional drawing



Din-rail mounting (unit: mm)

Ordering information

MIEN2216	16 10/100M Tx ports, din-rail mounted, dual DC12~48V wide voltage power supply
MIEN2216-DC48	16 10/100M Tx ports, din-rail mounted, dual DC48V(36~72V) isolate power supply
MIEN2216-AD220	16 10/100M Tx ports, din-rail mounted, single AC85-264V/DC110~370V isolate power supply