

## MIEN1203-F

### 3-Port 100M Din Rail Industrial Media Converter

#### Product description

MIEN1203 series unmanaged industrial Ethernet switches are designed and developed for industrial high-speed communication network applications. It provides a high-end industrial Ethernet communication solution for flexible industrial applications, making industrial communications smoother, more reliable and faster, satisfying customers to innovate for value-added applications.



#### Features:

- Support 1 100M fiber port + 2 10/100M adaptive copper ports configuration;
- Connect and use, convenient and fast;
- Support indicator status display;
- Support industrial power supply;
- Support reset output of power-off status relay;
- Industrial wide temperature design, fanless resonance design;
- Meet the application requirements of harsh industrial environment.

## Product specification

### Technical specifications

Ethernet Standard	IEEE802.3 (Ethernet), IEEE802.3u (100Base-TX and 100Base-FX) IEEE802.3x (flow control)
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### Switch Properties

MAC Table	1K
Switch Bandwidth	0.6Gbps
Packet forwarding rate	0.45Mpps
Switching Delay	<5 $\mu$ s

### Interface

Ports	Port numbers:3
	Interface form: 1 $\times$ 9 fixed fiber port (single/multi-mode optional, SC/FC/ST interface optional) or RJ45 100M Tx port
	Interface rate: 100Base-FX (fiber port), 10/100M adaptive Tx port
Power terminal	5.08mm pitch plug-in terminal

### Communication distance

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

### LED indicator lights

Front panel LED	Interface indicator: LINK/ACT; SPEED
	Power status indicator: PWR

### Power indicator

Input voltage	DC12 ~ 48V, DC48V optional AC / DC110V ~ 220V optional
Full-load Consumption	<5W@full load
Overload protection	Support
Reverse protection	Support

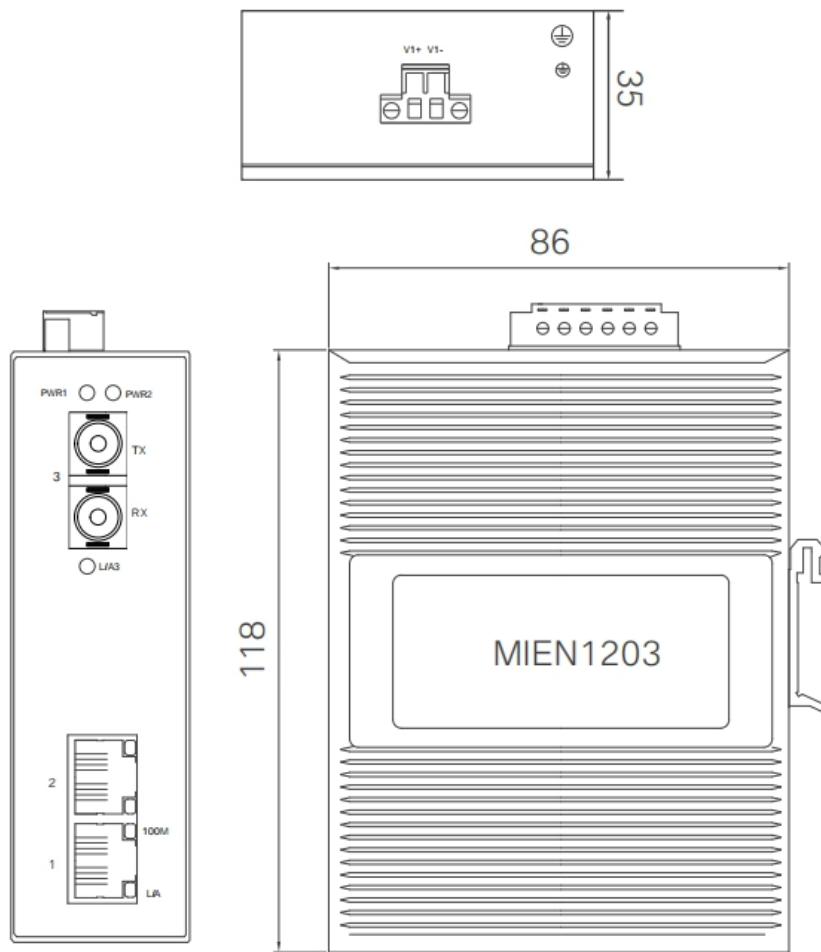
### Working Environment

Operating Temperature	-40 $^{\circ}$ C~85 $^{\circ}$ C
Storage temperature	-40 $^{\circ}$ C~85 $^{\circ}$ C
Ambient Humidity	5%~95%( non-condensing)

### Physical Characteristics

Shell	Aluminum alloy shell, IP40
Installation	35mm din rail-mounted installation
Dimension	118mm*86mm*35mm
<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 period	5 Years
<b>Certification</b>	
Certification	CE/FCC/RoHS

## Dimensional drawing



Din-rail mounting (unit: mm)

### Ordering Information

MIEN1203-F(M/S)	1 100M Fx port + 2 10/100M Tx ports, single DC12~48V wide voltage power supply
MIEN1203-F(M/S)-D C48	1 100M Fx port + 2 10/100M Tx ports, single DC48V (36~72V) isolate power supply
MIEN1203-F(M/S)-A D220	1 100M Fx port + 2 10/100M Tx ports, single AC220V isolate power supply