MIEN1203-F

3-port 100M DIN-Rail Industrial Ethernet Media Converter

- Support 1x100M fiber port and 2x10/100M copper ports
- The copper ports support 10/100Base-T(X), full/half duplex, auto MDI/MDI-X, plug and play
- Support Jumbo giant frame transmission, with a maximum frame length of 2048 bytes
- Support single AC85~264V/DC110~370V power input, or dual DC9~60V redundant power input optional
- High strength metal shell, IP40 protection, fanless shell heat dissipation
- Support wide temperature, ranging from -40 ℃ to+85 ℃ harsh industrial environments

CE　FC　RoHS　　IP40

Product Description

MIEN1203-F is a 3-port 100M DIN-rail industrial Ethernet fiber media converter which is designed and developed by Maiwe Communication for industrial communication network applications. This series of products is mainly used for simple plug and play applications, supporting 1x100M fiber port and 2x 100M copper ports, with the fiber port 100Base-FX single-mode or multi-mode fiber interface. The copper port is 10/100Base-T(X) Ethernet RJ45 port, and each RJ45 port has auto-sensing capability, as well as full duplex or half duplex mode, and auto MDI/MDI-X connection, providing strong guarantee for industrial automation, making industrial communication smoother, more reliable and faster.

MIEN1203-F provides a wide range of DC or AC power inputs and is installed by 35mm standard DIN-rail. This product supports plug and play. The core components use industrial grade quality design solutions, ensuring stable operation in harsh industrial front-end environments and high electromagnetic radiation scenarios. This product is widely used in industrial fields such as comprehensive energy, smart cities, rail transit, intelligent transportation, and industrial automation.
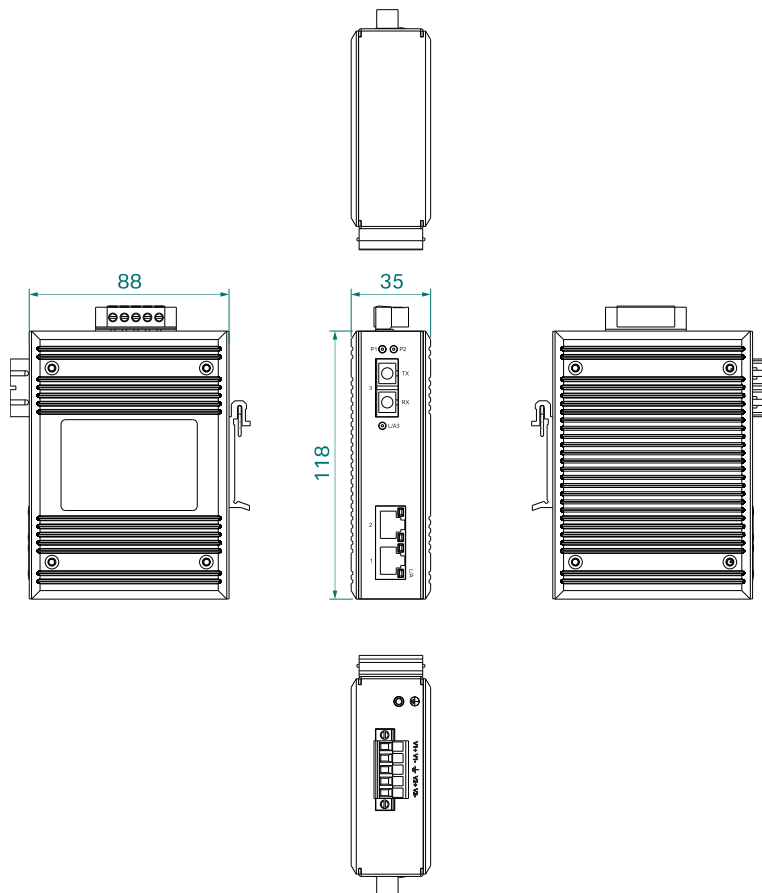
☑☰ Specification

Switch Capability

Processing Type	Store-and-Forward
Backboard Bandwidth	1Gbps
Cache Size	748Kbit
Mac Table Size	2K

Interface

Fiber Port	1x100Base-FX fiber port, support SC / FC / ST, single mode / multimode, wavelength, transmission distance optional
Copper Port	2x10/100Base-T(X) auto-sensing RJ45ports, support full/half duplex, auto MDI/MDI-X
Status LED	Power indicator, interface indicator

Power Supply

Input Voltage	DC model: Dual DC9~60V redundant power input , non polarity AC model: AC85~264V (47Hz~63Hz) or DC110~370V
Power Consumption	＜1.5W@DC24V
Connection	5.08mm pitch 5-pin terminal block

Physical Characteristics

Dimensions	118×35×88 mm　(DIN rail mounting clip excluded)
Installations	35mm standard DIN-rail mounting
IP Code	IP40
Weight	About 0.64kg

Working Environment

Operating Temp	-40℃~+85℃
Storage Temp	-40℃~+85℃
Relative Humidity	5%~95% (non-condensing)

Industry Standard

☑☰ Specification

EMC	IEC 61000-4-2 (ESD): Level 4 IEC 61000-4-5 (Surge): Level 4 * Network port supports 6kV lighting protection IEC 61000-4-4 (EFT): Level 4
Certification	CE, FCC, RoHS

↓ Dimensions

Unit: mm

Ordering Information

Standard Model	100M Fiber Port	100M Copper Port	Input Voltage
MIEN1203-F(M/S)	1	2	Dual DC9~60V
MIEN1203-F(M/S)-AD220	1	2	AC85~264V/DC110~370V

Contact Us

Wuhan Maiwe Communication Co., Ltd

Address: No.52 Liufang Avenue, East lake High-tech Development Zone, Wuhan, China.

Tel: 027-87170217

Mail: enquiry@maiwe.com

Official site: www.maiwe.com