MIEN2208 Series

8-Port Layer 2 100M DIN-Rail Industrial Ethernet Switch

- Support 1/2/4 100M fiber ports and 7/6/4 100M copper ports optional

- The fiber ports support SC/FC/ST connector, single-mode/multi-mode fiber, wavelengths, and transmission distances are optional

- The copper port supports 10/100M, full/half duplex, auto MDI/MDI-X, plug and play

- Support single AC85~264V/DC110~370V power supply, or dual DC9~60V redundant power input

- High-strength metal casing, IP40 protection level, fanless casing for heat dissipation, work in -40℃~+85℃

CE   FC   RoHS   ⚙   IP40

⬙ Product Description

The MIEN2208 Series is an 8-port 100Mbps unmanaged industrial Ethernet switch specifically for industrial communication network applications. It is primarily used for plug-and-play simple applications. This series of products provides 8*100Mbps Ethernet interfaces and offers various interface combinations such as 1 fiber and 7 copper ports, 2 fiber and 6 copper ports, 4 fiber and 4 copper ports, etc. It supports both DC voltage and AC voltage power supply options. Each 100Mbps copper port features 10/100M auto-sensing capability, supports full-duplex or half-duplex mode, and can automatically handle MDI/MDI-X connections, providing robust support for industrial automation. This ensures more reliable, and faster industrial communication, meeting the ever-innovating needs of customers for enhancing value-added applications. The product is constructed with industrial-grade components, designed for standard 35mm DIN-rail, features a high-strength metal casing for durability, and provides fanless heat dissipation. It operates in a wide temperature range from -40°C to +85°C, with a high-standard industrial protection design, making it suitable for various harsh working environments and ensuring stable communication performance. The product can be widely used in industrial automation, comprehensive energy, smart cities, intelligent transportation, smart factories, and other industrial fields.

Specification

Switch Capability

Backplane Bandwidth	1.6Gbps
Buffer Size	768Kbit
MAC Table Size	2K

Interface

100M Fiber Port	1/2/4*100Base-FX 100M fiber ports, supporting SC/FC/ST, single-mode/multi-mode, wavelength, and transmission distance optional
100M Copper Port	7/6/4 *10/100Base-T(X) auto-sensing 100M RJ45 ports, supporting full/half duplex, auto MDI/MDI-X
Status LED	Power indicator, interface indicator

Power Supply

Input Voltage	DC model: DC9~60V, dual power supply redundancy, no polarity AC model: AC85~264V or DC110~370V
Power Consumption	＜5W@DC24V(full load)
Connection	5-pin 5.08mm pitch lock terminal block

Physical Characteristics

Dimensions	140×35×100 mm (DIN rail mounting clip excluded)
Installations	Easy installation on 35mm DIN rails
IP Code	IP40
Weight	about 0.67kg

Working Environment

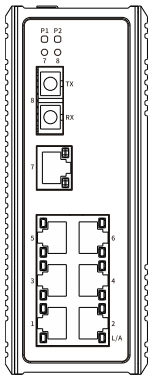|	
Operating Temp	-40℃~ +85℃
Storage Temp	-40℃~ +85℃
Relative Humidity	5%~95% (non-condensing)

Industry Standards

☑ Specification

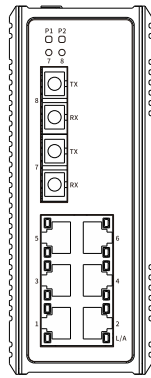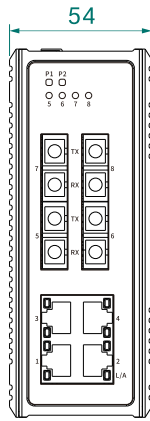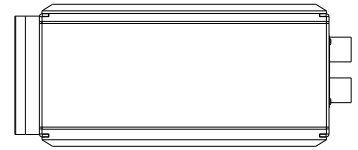| EMC	IEC 61000-4-2 (ESD): Level 4 IEC 61000-4-5 (Surge): Level 4 ※The network port supports 6kV lightning protection IEC 61000-4-4 (EFT): Level 3
Certification	CE, FCC, RoHS

Dimensions

Unit: mm

MIEN2208-F   MIEN2208-2F   MIEN2208-4F

54

110

140
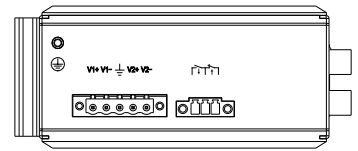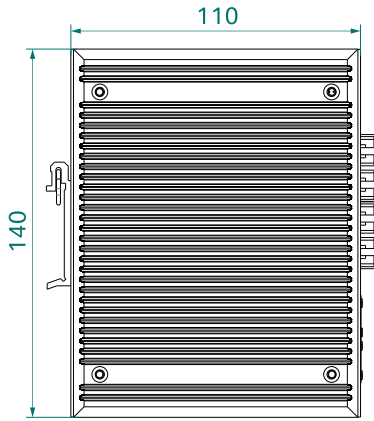
🛒 Ordering Information

Standard Model	100M Fiber Port	100M Copper Port	Input Voltage
MIEN2208-F(M/S)	1	7	Dual DC9~60V
MIEN2208-2F(M/S)	2	6	
MIEN2208-4F(M/S)	4	4	
MIEN2208-F(M/S)-AD220	1	7	Single AC85~264V or DC110~370V
MIEN2208-2F(M/S)-AD220	2	6	
MIEN2208-4F(M/S)-AD220	4	4	

📞 Contact Us

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