MAIWE

MIEN3210G-2GF-8GT

10-Port Layer 2 Full Gigabit Unmanaged DIN Rail Industrial Ethernet Switch

- 2×Gigabit SFP ports, 8×10/100/1000Base-T(X) ports (RJ45 connector)

- SFP ports support various optional SFP modules

- 10/100/1000M Base-T(X) ports support full/half duplex and auto MDI/MDI-X, plug-and-play

- Support single AC85~264V/DC110~370V power supply or dual DC 9~60V DC power input

- With IP40 high-strength metal casing and fanless design, the device can reliably operate in harsh industrial environment ranging from -40°C to +85°C

CE   FC   RoHS   ⚙   IP40

⬙ Product Description

MIEN3210G-2GF-8GT series is a 10-port full Gigabit 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 2×Gigabit SFP ports and 8×10/100/1000Base-T(X) ports, with options for DC power input or AC power input.

Each 10/100/1000Base-T(X) port support auto-adaptation, full-duplex or half-duplex operation, and can auto handle MDI/MDI-X connections. This provides strong support for industrial automation, making industrial communication smoother, more reliable, and faster, meeting the constant innovation demands of customers seeking to enhance value-added applications.

The products are built with industrial-grade components, feature standard 35mm DIN-rail mounting, have a high-strength metal casing for durability, and utilize fanless heat dissipation. They can operate in a wide temperature range from -40℃ to +85℃ and are designed with high-standard industrial protection, making them suitable for various challenging work environments while maintaining stable communication performance.

These products can be widely used in industrial automation, comprehensive energy, smart cities, intelligent transportation, smart factories, and other industrial fields.

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☑ Specification

Switching

Backplane Bandwidth	20Gbps
Buffer Size	1.5Mbit
MAC Table Size	4K

Interface

1G Fiber Port	2×1000Base-X Gigabit SFP ports, compatible with 100Base-FX.
1G Copper Port	8×10/100/1000 Base-T(X) RJ45 ports, support full/half duplex and auto MDI/MDI-X
Relay	1 relay alarm output, using 3-pin 3.81mm pitch connector terminal
Status LED	Power indicator, SFP port indicator, copper port speed and connection status/activity indicator

Power Supply

Power Supply	MIEN3210G-2GF-8GT	MIEN3210G-2GF-8GT-AD220
Input Voltage	Dual DC9~60V power input, non-polarity	Single AC85~264V (frequency: 47~63Hz) or DC110~370V
Power Consumption	＜6W@DC24V(full load)	＜6.5W@AC220V(full load)
Connection	5-pin 5.08mm pitch connector terminal with a locking mechanism	3-pin 5.08mm pitch connector terminal with a locking mechanism

Physical Characteristics

Dimensions	140×54×110 mm (DIN rail mounting clip excluded)
Installations	Standard 35mm DIN-rail
IP Code	IP40
Weight	0.78kg

Working Environment

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

☑ Specification

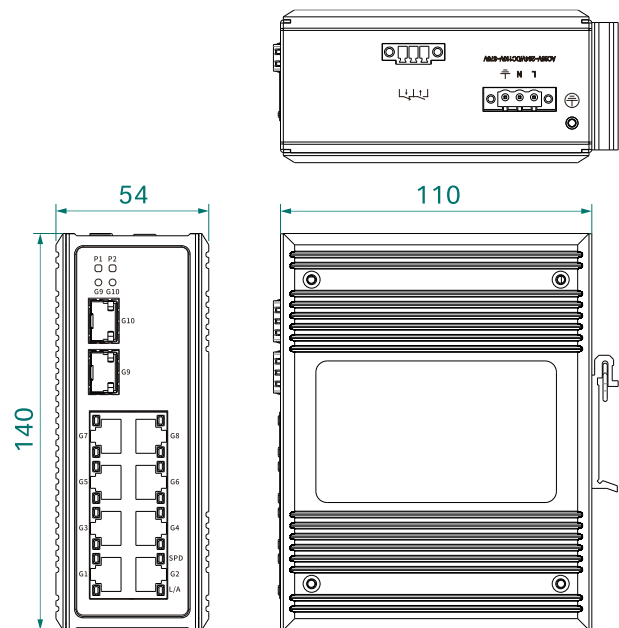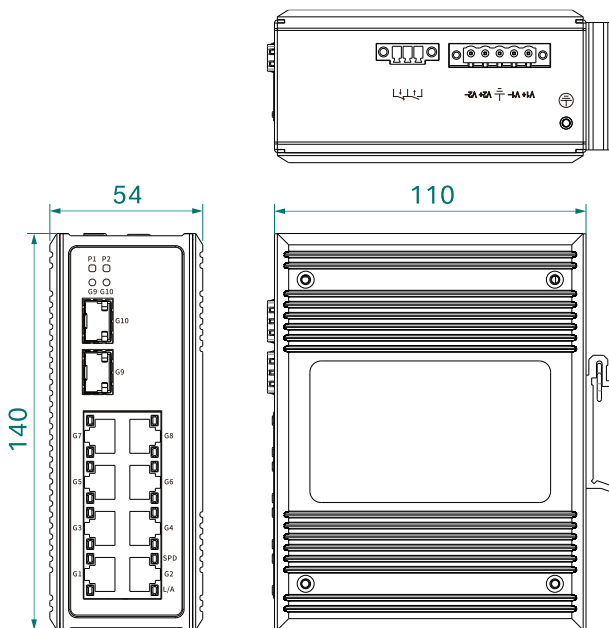| Industry Standard	
EMC	IEC 61000-4-2(ESD): Level 4 IEC 61000-4-5(Surge): Level 4 ※Ethernet ports support 6kV surge protection IEC 61000-4-4(EFT): Level 4
Certification	CE, FCC, RoHS

⬇ Dimensions

Unit: mm

MIEN3210G-2GF-8GT   MIEN3210G-2GF-8GT-AC220

🛒 Ordering Information

Standard Model	1G Fiber Port	1G Copper Port	Input Voltage
MIEN3210G-2GF-8GT	2	8	Dual DC9~60V power input
MIEN3210G-2GF-8GT-AD220	2	8	Single AC85~264V/DC110~370V power supply

📞 Contact Us

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