

MIEN3212G-4GF-8GT

12-Port Layer-2 Gigabit Unmanaged DIN-Rail Industrial Ethernet Switch



- 4×Gigabit SFP ports, 8×10/100/1000Base-T(X) copper ports (RJ45 connector)
- SFP ports support various optional SFP modules
- 10/100/1000Base-T(X) ports support full/half duplex and auto MDI/MDI-X, plug-and-play
- Support Jumbo frame transmission, with a maximum frame length of 10000 bytes
- Support single AC85~264V/DC110~370V power supply, or dual DC9~60V power input optional
- With IP40 high-strength aluminum alloy casing and fanless design, the device can reliably operate in the temperature ranging from -40°C to +75°C



Product Description

MIEN3212G-4GF-8GT series is a 12-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 provide 4×Gigabit SFP ports and 8×10/100/1000Base-T(X) ports, with options for DC power input or AC power input. This product is 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°C to +75°C 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.

☑☑☑ Specification

Protocol standard	
IEEE Standard	IEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3z
Switching	
Processing Type	Store-and-Forward
Backplane Bandwidth	56Gbps
Buffer Size	4.1Mbit
Jumbo Frame	10kByte
MAC Table Size	8K
Interface	
Gigabit SFP Port	4×1000Base-X Gigabit SFP ports
Gigabit Copper Port	8×10/100/1000Base-T(X) auto-sensing RJ45 ports, support full/half duplex and auto MDI/MDI-X
Relay	1 relay alarm output with 3-pin 3.81mm pitch locking terminal connectors
Status LED	Power indicator, Port indicator
Power Supply	
Input Voltage	DC model: Dual DC9~60V power input, non-polarity AC model: Single AC85~264V /DC110~370V
Power Consumption	≤10.2W@DC24V (DC) 、≤10.6W@AC220V (AC)
Connection	DC model: 5-pin 5.08mm pitch with locking connector terminal AC model: 3-pin 5.08mm pitch with locking connector terminal
Physical Characteristics	
Dimensions	140×54×110 mm (DIN rail mounting clip excluded)
Installations	Easy installation on 35mm DIN rails
IP Code	IP40
Weight	DC model: 0.67kg; AC model: 0.76kg

Specification

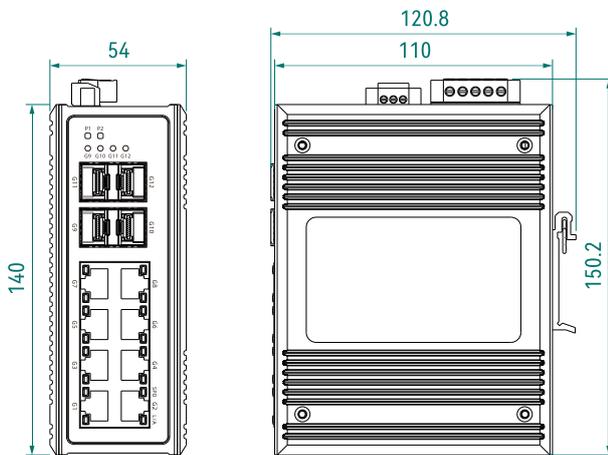
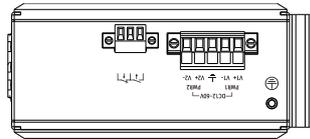
Working Environment	
Operating Temp	-40°C~+75°C
Storage Temp	-40°C~+85°C
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-2(ESD): Level 4 IEC 61000-4-5(Surge): Level 3 IEC 61000-4-4(EFT): Level 3
Certification	CE, FCC, RoHS



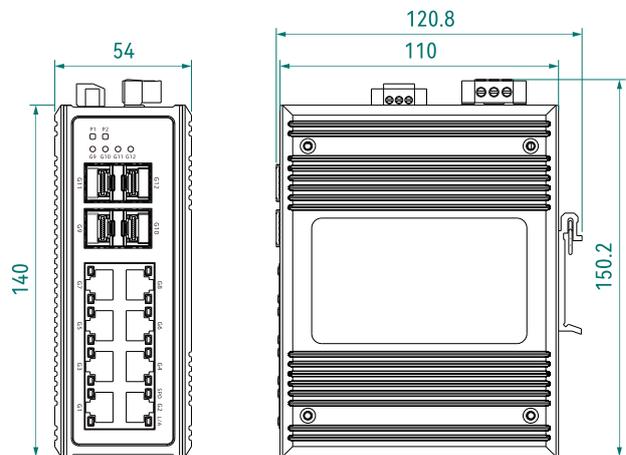
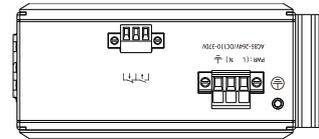
Dimensions

Unit: mm

MIEN3212G-4GF-8GT



MIEN3212G-4GF-8GT-AD220





Ordering Information

Standard Model	1G Fiber Port	1G Copper Port	Input Voltage
MIEN3212G-4GF-8GT	4	8	Dual DC9~60V power input
MIEN3212G-4GF-8GT -AD220	4	8	Single AC85~264V/DC110~370V power supply

Contact Us

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