MIEN1203G-GF-2GT

Din-Rail Industrial Ethernet Media Converter

- 1×1G SFP port, 2×10/100/1000M copper ports

- Copper port supports auto-sensing capability, full/half duplex, auto MDI/MDI-X connection, plug and play

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

- High strength metal shell, IP40 protection level

- Fanless heat dissipation, work in harsh industrial environments of -40 ℃~+85 ℃

CE   FC   RoHS   IP40

⬙ Product Description

The MIEN1203G-GF DIN-rail industrial Ethernet media converter is designed and developed for industrial communication network applications. This series product is plug and play, supports 1*1G SFP port and 2*1G copper ports. The SFP port supports multiple types of SFP modules, while the copper port supports 10/100/1000M auto-sensing, full/half duplex, auto MDI/MDI-X, and to provide strong support for industrial automation, making industrial communication smoother, more reliable, and faster, and meeting the continuous innovation needs of customers. It uses industrial grade components, combined with high standard system design and production control. The industrial media converter features standard DIN-rail installation, a high-strength durable aluminum alloy shell, and fanless efficient heat dissipation. With a wide temperature range of -40℃ to +75℃ and high-standard industrial protection design, it can adapt to a variety of harsh working environments while maintaining stable communication performance. This product is ideal for use in industrial automation, comprehensive energy, smart cities, intelligent transportation, smart factories, and other industrial fields.

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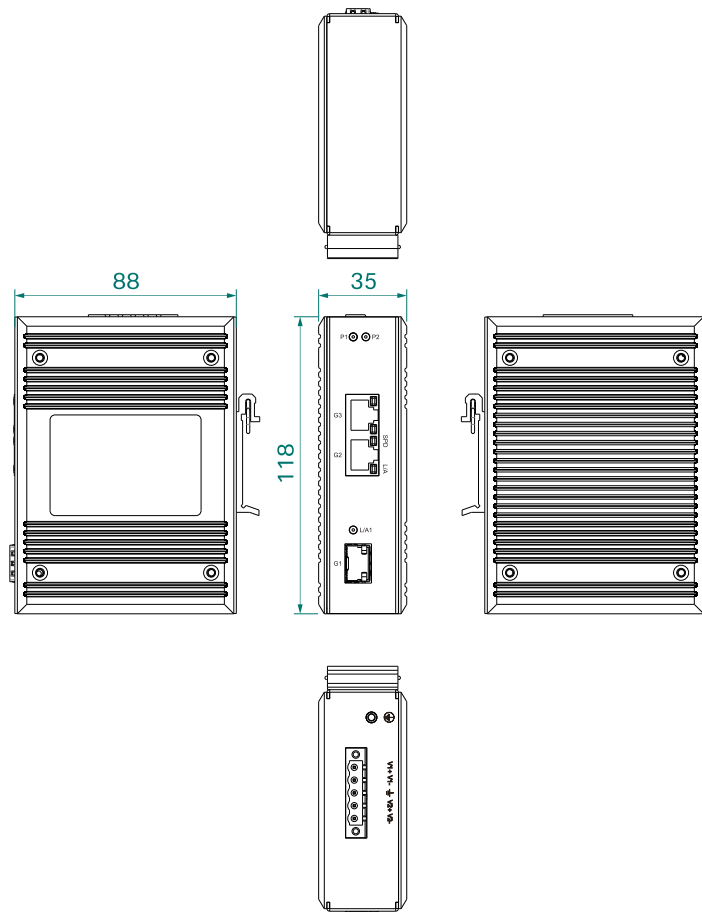| Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	14Gbps
Buffer Size	2Mbit
Mac Address Table	2K

Interface	
Gigabit Fiber Port	1x1000Base-X SFP port
Gigabit Copper Port	2x10/100/1000Base-T(X) auto-sensing RJ45 ports, full/half duplex, auto MDI/MDI-X connection
Status LED	Power LED, port LED

Power	
Power Input	DC model: DC9~60V, dual power supply redundancy, no polarity AC model: AC85~264V (frequency: 47Hz~63Hz) or DC110~370V
Power Consumption	＜1.7W@DC12V (full load)
Connection	5.08mm pitch 5-pin terminal block

Physical Characteristics	
Dimension	118×35×88mm (DIN rail mounting clip excluded)
Installation	35mm standard DIN-rail mounting
Shell protection	IP40
Weight	About 0.4kg

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

⬇ Dimension

Unit: mm

🛒 Ordering Information

Model	1G Fiber Port	1G Copper Port	Input Voltage
MIEN1203G-GF	1	2	Dual DC9~60V
MIEN1203G-GF-AD220	1	2	Single AC85~264V/DC110~370V

📞 Contact Us

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