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MIEN1203G-GF

Din-Rail Industrial Ethernet Media Converter





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 °C to +75 °C 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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Specification

Switch Capability				
Processing Type	Store-and-Forward			
Backplane Bandwidth	14Gbps			
Buffer Size	2Mbit			
Mac Address Table	2К			
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°C~+85℃			
Relative Humidity	5%~95% (non-condensing)			





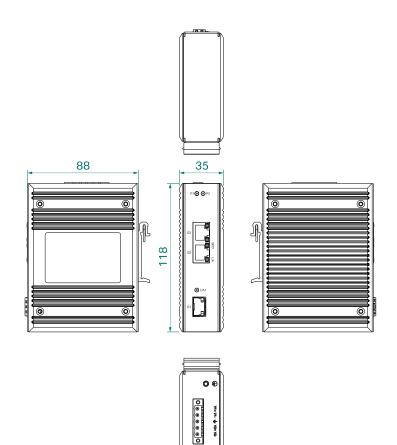
☑ = Specification

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



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