MIEN3220-4GF

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

- 4×Gigabit SFP ports, 16×10/100Base-T(X) ports (RJ45 connector)

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

- Support relay alarm in case of system power loss

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

- With IP40 high-strength metal casing and fanless design, the device can reliably operate in the temperature ranging from -40°C to +75°C

Product Description

MIEN3220-4GF series is a 20-port Gigabit unmanaged industrial Ethernet switch specifically for industrial communication network applications. It is primarily used for plug-and-play simple application scenarios. This series of products provide 4×Gigabit SFP ports and 16×10/100Base-T(X) ports, with options for DC power input or AC power input.

Each 10/100 Base-T(X) port supports full-duplex or half-duplex operation, and can auto 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 +75℃ 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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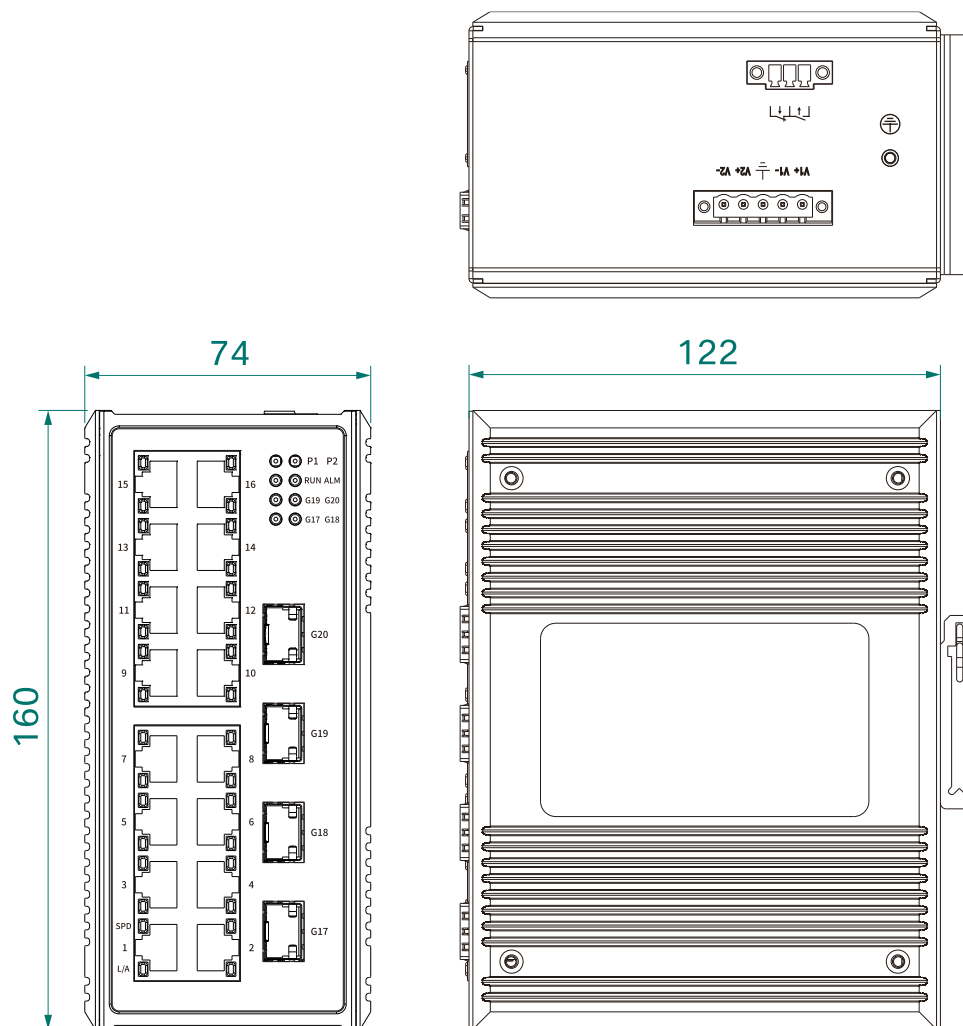## ☑ Specification

Switching

Backplane Bandwidth	12.8Gbps
Buffer Size	4.1Mbit
MAC Table Size	8K

Interface

1G Fiber Port	4*1000Base-X SFP ports
1G Copper Port	16*10/100Base-T(X) auto-sensing RJ45 ports, support full/half duplex and auto MDI/MDI-X
Relay	1 relay alarm output, using a 3-pin3.81mm pitch connector terminal
Status LED	Power indicator, SFP port indicator, TX port speed, and connection status/activity indicator

Power Supply

Input Voltage	DC model: Dual DC9~60V power input, reverse polarity protection AC model: Single AC85~264V/DC110~370V power supply
Power Consumption	＜12W@DC24V(full load)
Connection	5.08mm pitch 5-pin terminal block

Physical Characteristics

Dimensions	160×74×122 mm (DIN rail mounting clip excluded)
Installations	Easy installation on 35mm DIN rails
IP Code	IP40
Weight	1.2kg

Working Environment

Operating Temp	-40℃~+75℃
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

🛒 Ordering Information

Standard Model	1G Fiber Port	10/100M Copper Port	Input Voltage
MIEN3220-4GF	4	16	Dual 9~60V power input
MIEN3220-4GF-AD220	4	16	Single AC85~264V/DC110~370V power supply

📞 Contact Us

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