# MIEN2208E

## 8-Port 10/100M Layer 2 DIN-Rail Unmanaged Industrial Ethernet Switch

- 8*10/100Base-T(X) auto-sensing copper ports, auto MDI/MDIX connection

- Plug and play, support power status relay alarm output

- High strength aluminum shell with IP40 protection level, fanless shell for heat dissipation, durable, stable and reliable

- Supports DC 12-48V DC power input, dual power redundancy, and reverse protection

- Working temperature -40 ℃~+85 ℃, meeting the requirements of harsh industrial environment applications

CE　FC　RoHS　IP40

## ⬙ Product Description

MIEN2208E is a layer 2 unmanaged industrial Ethernet switch for industrial communication network applications. This series of products provides 8*10Base-T/100Base-TX Ethernet RJ45 ports. Each RJ45 port has auto sensing function, which can automatically work in 10Base-T or 100Base-TX status and full duplex or half duplex operation mode, and can perform auto MDI/MDI-X connection.

The MIEN2208E switch provides a wide range of DC power input, uses industrial din-rail installation. This product has the characteristics of high-speed line speed forwarding and plug and play. It adopts industrial grade quality design solutions on its core devices, ensuring stable operation of equipment in harsh industrial environments and high electromagnetic radiation scenarios. The product is widely used in industrial fields such as comprehensive energy sources, smart cities, rail transit, intelligent transportation, and industrial automation.
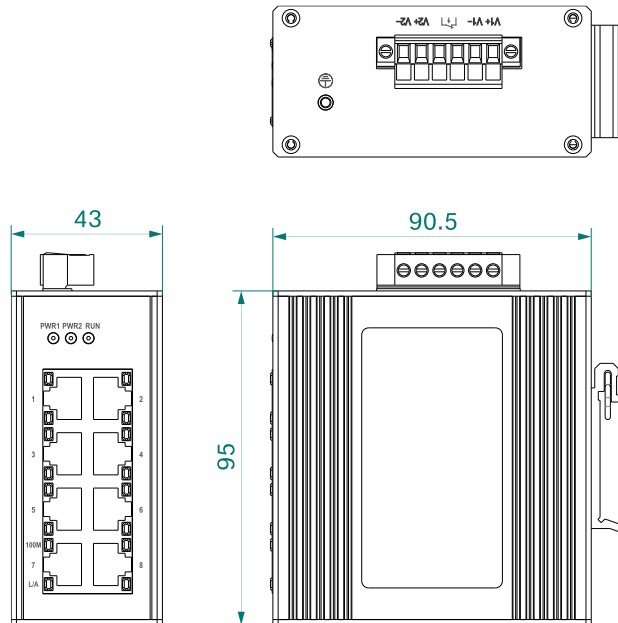
# Technical Specifications

| Switch Capability | |
| --- | --- |
| Backboard Bandwidth | 1.6Gbps |
| Buffer Size | 768Kbit |
| MAC Table Size | 2K |

| Interface | |
| --- | --- |
| 100M Port | 8x10/100Base-T(X) auto-sensing Ethernet RJ45 ports, support full/half duplex, auto MDI/MDI-X connection |
| Relay | 1*relay alarm output, using 5.08mm 6-pin wiring terminals, occupying 2 pins |
| Status LED | Power light, operation light, port rate and connection/activity light |

| Power | |
| --- | --- |
| Power Input | DC 12-48V dual power input |
| Power Consumption | ＜1.8W@DC24V(full load) |
| Connection | 5.08mm 6PIN wiring terminals, occupying 4 Pins |
| Protection | Reverse polarity protection |

| Physical Characteristics | |
| --- | --- |
| Dimension | 95×43×90.5 mm (DIN rail mounting clip not included) |
| Installation | Standard 35mm DIN-rail mounting |
| IP Code | IP40 |
| Weight | About 0.34kg |

| Working Environment | |
| --- | --- |
| Operating Temp | -40℃~ +85℃ |
| Storage Temp | -40℃~ +85℃ |
| Ambient Humidity | 5%~95% (No condensation) |

# Technical Specifications

| Industry Standard | |
|---|---|
| EMC | IEC 61000-4-2(ESD): Level 4(Contact discharge±8kV, air discharge±15kV)<br>IEC 61000-4-5(Surge): Level 3<br>(Power: common mode±2kV, differential mode±1kV<br>network port: common mode±6kV,differential mode±2kV）<br>IEC 61000-4-4(EFT): Level 4(Power: ±4kV, Copper port: ±2kV) |

# Installations

Unit: mm

# 🛒 Ordering Information

| Standard Model | 100M Copper Port | Input Voltage |
|:---:|:---:|:---:|
| MIEN2208E | 8 | Dual DC 12~48V |

# 📞 Contact Us

**Wuhan Maiwe Communication Co., Ltd**

Address: No.52 Liufang Avenue, East lake High-tech Development Zone, Wuhan, China.

Tel: 027-87170217

Mail: enquiry@maiwe.com

Official site: www.maiwe.com