

## CIEN2208E

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



- 8 x 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
- Support DC 12V-48V DC power input, dual power redundancy, and reverse protection
- Working temperature -40 °C~ +85 °C, meeting the requirements of harsh industrial environment applications

## Product Description

CIEN2208E is a layer 2 unmanaged industrial Ethernet switch for industrial communication network applications. This series of products provides 8x10Base-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.

CIEN2208E 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.

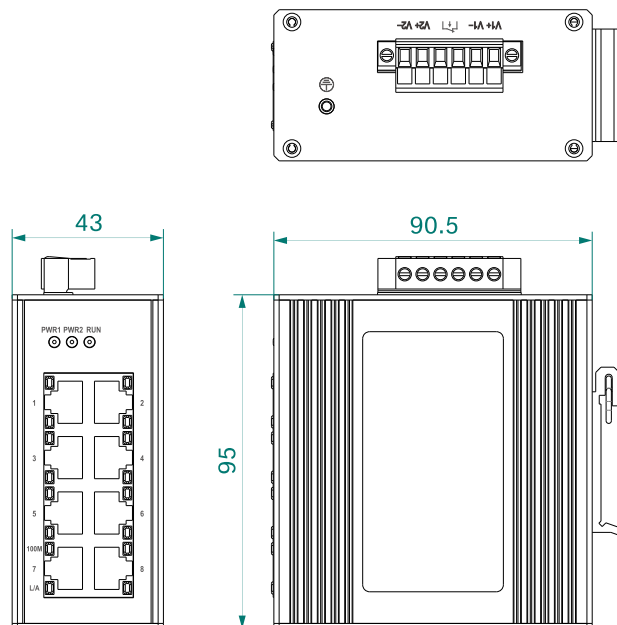
## Technical Specifications

Switch Capability	
Backboard Bandwidth	1.6Gbps
Buffer Size	768Kbit
MAC Table Size	2K
Interface	
100M Port	8 x 10/100Base-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 Supply	
Power Input	DC 12V-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°C~ +85°C
Storage Temp	-40°C~ +85°C

Ambient Humidity	5%~95% (No condensation)
Industry Standard	
EMC	<p>IEC 61000-4-2(ESD): Level 4 (contact discharge<math>\pm 8\text{kV}</math>, air discharge<math>\pm 15\text{kV}</math>)</p> <p>IEC 61000-4-5(Surge): Level 3 (power: common mode<math>\pm 2\text{kV}</math>, differential mode<math>\pm 1\text{kV}</math> network port: common mode<math>\pm 6\text{kV}</math>, differential mode<math>\pm 2\text{kV}</math>)</p> <p>IEC 61000-4-4(EFT): Level 4 (power: <math>\pm 4\text{kV}</math>, copper port: <math>\pm 2\text{kV}</math>)</p>

## Dimensions

Unit: mm



## Ordering Information

Standard Model	100M Copper Port	Input Voltage
CIEN2208E	8	Dual DC 12V~48V power input



## Contact Us

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