

CIEN2208E

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



- 8 x 10/100Base-T(X) RJ45 ports
- Auto-sensing 10/100M Ethernet ports with automatic MDI/MDI-X
- Plug-and-play design with power status relay and alarm output
- Durable aluminum housing with IP40 protection and fanless cooling
- Dual DC 12–48V power inputs for redundancy and reverse polarity protection
- -40°C ~ +85°C operating temperature range

Product Description

The CIEN2208E is a Layer 2 unmanaged industrial Ethernet switch designed for plug-and-play simplicity. It features 8*10/100Base-T(X) auto-sensing RJ45 ports with auto MDI/MDIX support, automatically adapting to 10Base-T or 100Base-TX and full or half-duplex modes. This ensures smooth, reliable, and efficient data transmission, delivering high performance to meet the demands of industrial communication systems while offering exceptional value.

Built with a robust aluminum DIN-rail enclosure and wide-range DC power input, the CIEN2208E is engineered to operate in harsh industrial environments with strong electromagnetic interference. It provides high-speed forwarding, stable connectivity, and industrial-grade components for long-term reliability. Ideal for applications in integrated energy, smart cities, rail transit, intelligent transportation, and industrial automation.

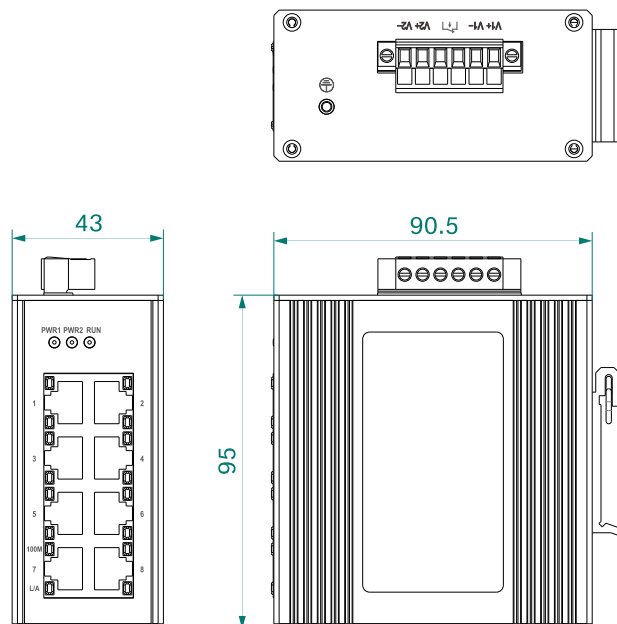
Technical Specifications

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, with relay occupying 2 pins
Status LED	Power light, operation light, port rate and connection/activity light
Power Supply	
Input Voltage	DC 12V-48V redundant power inputs
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	IEC 61000-4-2(ESD): Level 4 (contact discharge$\pm 8\text{kV}$, air discharge$\pm 15\text{kV}$) IEC 61000-4-5(Surge): Level 3 (power: common mode$\pm 2\text{kV}$, differential mode$\pm 1\text{kV}$) network port: common mode$\pm 6\text{kV}$, differential mode$\pm 2\text{kV}$) IEC 61000-4-4(EFT): Level 4 (power: $\pm 4\text{kV}$, copper port: $\pm 2\text{kV}$)

Dimensions

Unit: mm



Ordering Information

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



Contact Us

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