

CIES208PN

8-Port Layer 2 100M DIN Rail Industrial PROFINET Switch



- 8 x 10/100Base-T(X) RJ45 ports
- Support PROFINET protocol priority transmission
- Support 10/100M, full/half duplex, auto MDI/MDI-X connection, plug and play
- Support 2 KB jumbo frames
- Supports half-duplex backpressure or full-duplex IEEE802.3x flow control
- DC9V-60V or AC24V redundant power inputs
- High strength aluminum alloy shell, IP40 protection
- -40°C ~+75°C working temperature range

Product Description

The CIES208PN is an 8-port Layer 2 DIN-rail unmanaged industrial Ethernet switch designed for reliable PROFINET communication with plug-and-play functionality. It features eight 10/100Base-T(X) ports, each supporting 10/100M auto-sensing, full- or half-duplex operation, and automatic MDI/MDI-X switching. With PROFINET protocol transmission priority, this switch ensures efficient, low-latency data handling to deliver smooth, stable, and high-performance communication in industrial environments. Its robust design provides a strong foundation for industrial automation while meeting modern demands for innovation and value.

Built with industrial-grade components, the CIES208PN combines durability with performance. It features a standard 35mm DIN-rail installation design, a high-strength metal housing, fanless heat dissipation, and a wide operating temperature range of -40°C to +75°C. Its high-standard industrial protection ensures reliable operation under harsh environmental conditions. This switch is widely deployed in industrial automation, integrated energy systems, smart transportation, smart cities, and intelligent manufacturing applications.

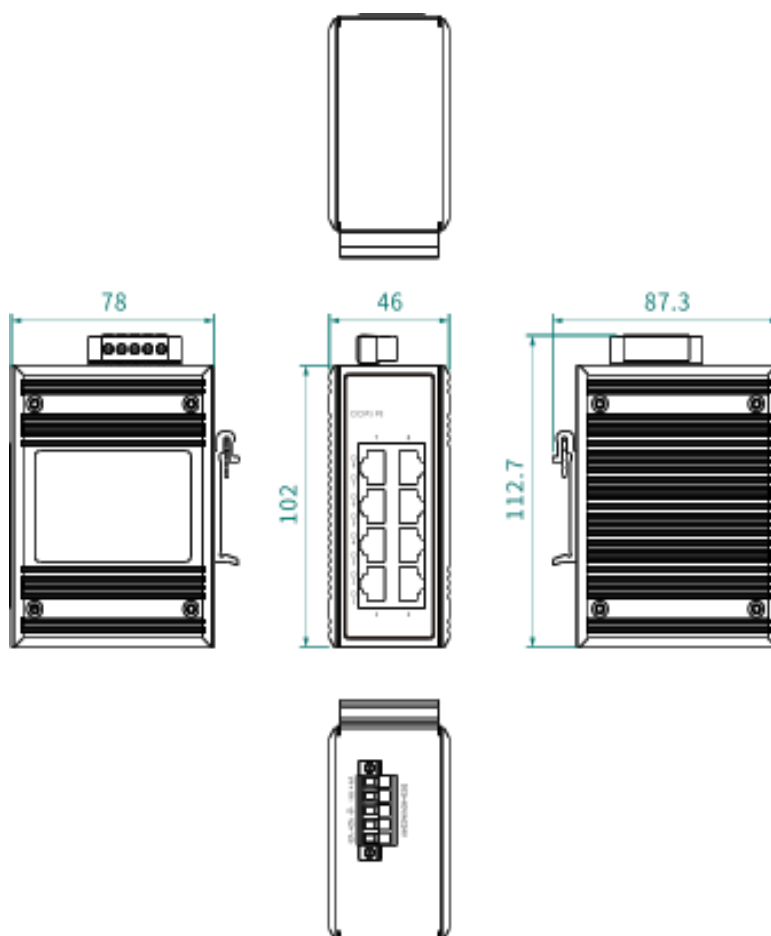
Technical Specifications

Protocol Standard	
IEEE Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
Switch Capability	
Backplane Bandwidth	1.6Gbps
Buffer Size	768kbit
Jumbo frame	2kbyte
Mac Address Table	2K
Interface	
Copper Port	8 x 10/100Base-T(X) auto-sensing RJ45 ports, supporting full/half duplex, auto MDI/MDI-X
Status LED	Power status LED; copper port status LED
Power Supply	
Power Input	DC9V-60V or AC24, dual inputs for redundancy, no polarity
Power Consumption	<1.4W@DC24V
Connection	5.08mm pitch 5-pin terminal block
Physical Characteristics	
Dimensions	102 × 46 × 78mm (DIN rail mounting clip and connector excluded)
Installations	35mm standard DIN-rail mounting
IP Code	IP40; Aluminum alloy shell
Weight	About 0.33kg
Working Environment	
Operating Temp	-40°C~+75°C
Storage Temp	-40°C~+85°C

Relative Humidity	5%~95% (non-condensing)
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 4 (power supply: common mode $\pm 4\text{kV}$, differential mode $\pm 2\text{kV}$ network port: common mode $\pm 6\text{kV}$, differential mode $\pm 2\text{kV}$) IEC 61000-4-4 (EFT): Level 4 (power supply: $\pm 4\text{kV}$; network port: $\pm 2\text{kV}$)
Certification	CE, FCC, RoHS

Dimensions

Unit: mm



Ordering Information

Standard Model	100M Copper Port	Input Voltage
CIES208PN	8	Dual DC9V-60V or AC24V power inputs



Contact Us

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