

CIES308PN

8-Port Layer 2 Gigabit DIN-Rail PROFINET Industrial Ethernet Switch



- Support 8 x 1G RJ45 ports
- Support PROFINET protocol priority transmission
- Support 10/100/1000M, full/half-duplex, auto MDI/MDI-X for plug-and-play convenience
- Support Jumbo frame transmission with a maximum frame length of 9kByte
- Support dual power inputs, DC 9~60V or AC 24V, non-polarity
- High-strength aluminum alloy housing with IP40 protection rating
- -40°C to +75°C operating temperature range

Product Description

The CIES308PN is an 8-port Layer 2 Gigabit unmanaged DIN-rail PROFINET industrial Ethernet switch specifically designed for industrial communication networks. It supports PROFINET protocol priority transmission and provides 8 x Gigabit RJ45 ports, primarily for plug-and-play simplicity. Each Gigabit copper port features 10/100/1000M auto-negotiation, supports full-duplex or half-duplex modes, and automatically detects MDI/MDI-X connections. CIES308PN provides robust assurance for industrial automation, enabling smoother, more reliable, and faster industrial communication to meet customers' evolving needs for value-added innovation. The product utilizes industrial-grade components, features 35mm DIN rail mounting, and incorporates a high-strength aluminum alloy housing for rugged durability. Operating within a temperature range of -40°C to +75°C, its high-standard industrial protection design ensures stable communication performance across harsh environments. This switch is widely applicable in industrial automation, integrated energy systems, smart cities, intelligent transportation, smart factories, and other industrial sectors.

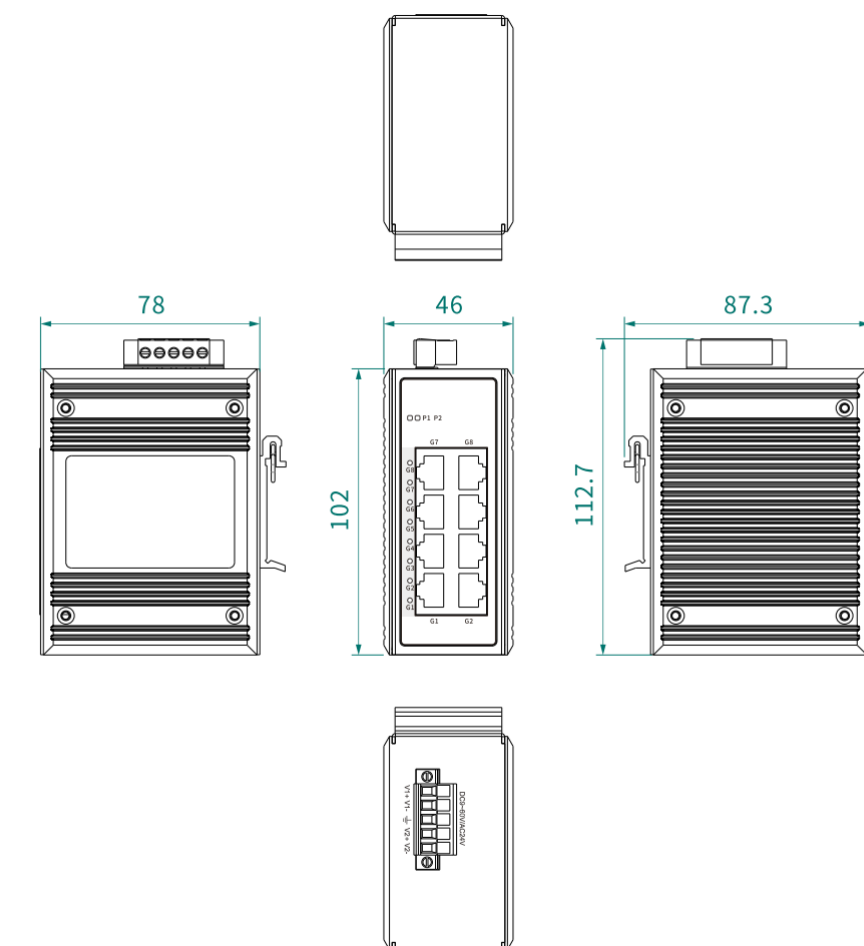
Technical Specifications

Protocol Standards	
IEEE Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	16Gbps
Buffer Size	1.5Mbit
Jumbo frame	9kByte
MAC Table Size	4K
Interface	
1G Copper Port	8 x 10/100/1000Base-T(X) auto-sensing Gigabit RJ45 ports, supporting full/half duplex, auto MDI/MDI-X
Status LED	Power indicator light, Ethernet interface indicator light
Power Supply	
Input Voltage	DC9~60V or AC24V, support dual power redundancy, non-polarity
Power Consumption	<3.2W@DC24V (Full Load)
Connection	5-position 5.08mm pitch locking terminal block
Physical Characteristics	
Dimensions	102×46×78(mm) (DIN rail mounting clip and connector excluded)
Installations	35mm standard DIN rail installation
IP Code	High-strength aluminum alloy housing, IP40 protection
Weight	About 0.35kg
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: $\pm 2\text{kV}$)

Dimensions

Unit: mm



Ordering Information

Standard Model	10/100/1000M Copper Port	Input Voltage
CIES308PN	8	Dual DC 9~60V or AC 24V



Contact Us

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