

CIES205PN

5-port Layer 2 100M DIN Rail Unmanaged Industrial Ethernet Switch



- 5 x 10/100Base-T(X) ports (RJ45 connector)
- Support PROFINET protocol priority transmission
- Support 10/100M, full/half duplex, auto MDI/MDI-X connection, plug and play
- Support Jumbo frame transmission, the maximum frame length is 2kbyte
- Supports half-duplex backpressure or full-duplex IEEE802.3x flow control
- Support dual redundancy DC9V-60V or AC24V power input
- High strength metal shell, IP40 protection, fan-less design
- -40 °C~+75 °C working temperature

Product Description

CIES205PN is a 5-port 100M unmanaged industrial Ethernet switch specially designed and developed for industrial communication network applications. It supports PROFINET protocol priority transmission. Each 100M copper port has 10/100M auto-sensing capability, supports full-duplex or half-duplex mode, and can automatically perform MDI/MDI-X connection, providing a strong guarantee for industrial automation. The product selects industrial-grade components, 35mm standard rail-type installation, high-strength metal casing, fan-less casing for heat dissipation, -40°C~+75°C wide temperature operation, high-standard industrial protection design, able to adapt to various harsh conditions working environment and stable communication performance. The products can be widely used in industrial automation, integrated energy, smart cities, smart transportation, smart factories and other industrial fields.

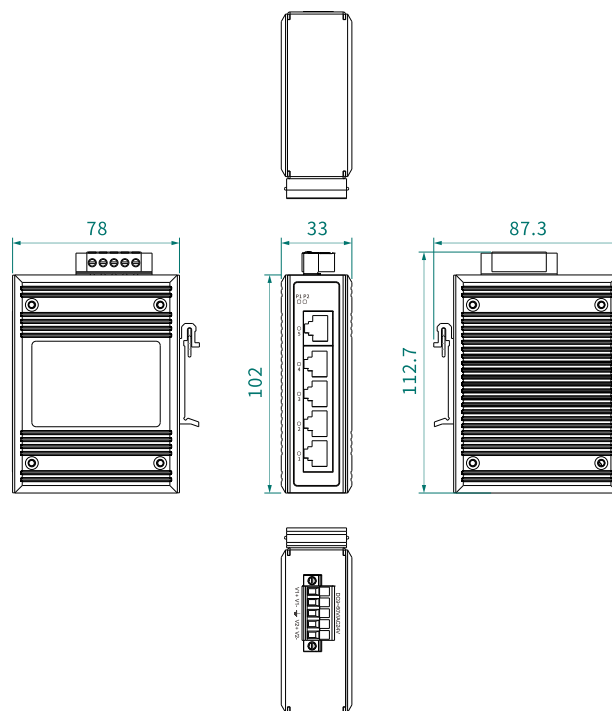
Technical Specifications

Protocol Standard	
IEEE Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
Switch Capability	
Backplane Bandwidth	1Gbps
Buffer Size	768kbit
Jumbo frame	2kbyte
Mac Address Table	2K
Interface	
100M Copper	5 x 10/100Base-T(X) auto-sensing RJ45 port, supporting full/half duplex, auto MDI/MDI-X
Status LED	Power LED, Copper port LED,
Power	
Power Input	DC9V-60V or AC24V Dual power redundancy, anti-reverse connection
Power Consumption	<1W@DC24V
Connection	5.08mm pitch 5-pin terminal block
Physical Characteristics	
Dimensions	102 × 33 × 78mm (DIN rail mounting clip excluded)
Installations	35mm standard DIN-rail mounting
Shell protection	IP40
Weight	About 0.27kg
Working Environment	
Operating Temperature	-40°C~+75°C

Storage Temperature	-40°C~+85°C
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	<p>IEC 61000-4-2 (ESD): Level 3 (contact discharge $\pm 6\text{kV}$, air discharge $\pm 8\text{kV}$)</p> <p>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 $\pm 2\text{kV}$)</p> <p>IEC 61000-4-4 (EFT): Level 4 (power supply: $\pm 4\text{kV}$ network port: $\pm 2\text{kV}$)</p>
Certification	CE, FCC, RoHS,

Dimensions

Unit: mm



Ordering Information

Standard Model	100M Copper Port	Input Voltage
CIES205PN	5	Dual DC9V-60V or AC24V power input



Contact Us

COME-STAR COMMUNICATION(WUHAN) CO., LTD.

Address: Puneng Industrial Park, Fenghuang Garden 1st Road, East Lake High-Tech Development Zone, Wuhan, China.

Tel: +86-027-59257958

Mail: info@come-star.com

Official site: www.come-star.com

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