

## CIES205

### 5-Port L2 100M DIN Rail Unmanaged Industrial Ethernet Switch



- 5 x 10/100Base-T(X) RJ45 ports
- Support Jumbo frame transmission, the maximum frame length is 2kbytes
- Support half-duplex back-pressure or full-duplex IEEE802.3x flow control
- Dual DC9V-60V or AC24V power inputs for power redundancy, non-polarity
- High-strength aluminum alloy shell, IP40 protection
- -40°C to +75°C working temperature range

## Product Description

CIES205 is a 5-port 100M unmanaged industrial Ethernet switch specially designed and developed for industrial communication network applications. 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 to +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

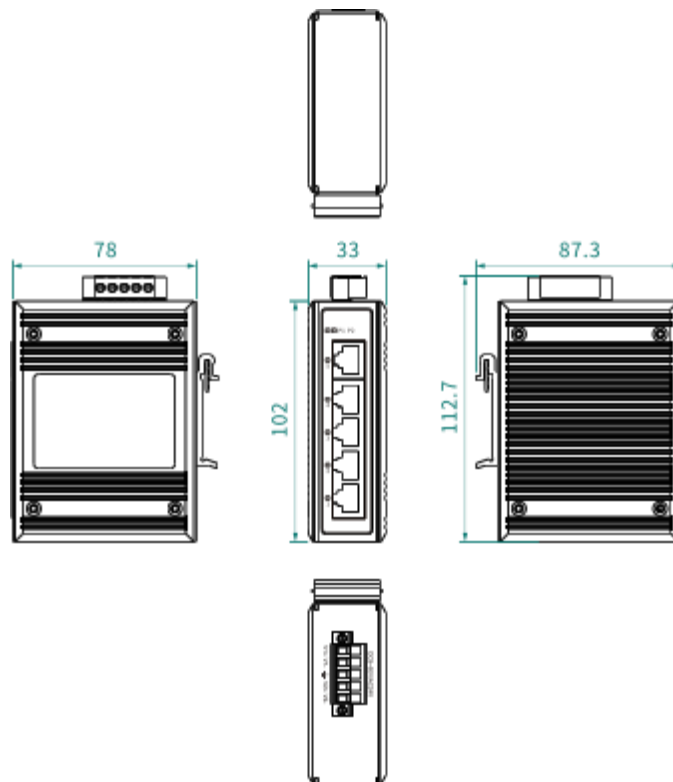
## Technical Specifications

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 Supply	
Power Input	DC9V-60V or AC24V, Dual power redundancy, non polarity
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 Temp	-40°C to +75°C
Storage Temp	-40°C to +85°C

Relative Humidity	5%~95% (non-condensing)
<b>Industry Standard</b>	
EMC	<p>IEC 61000-4-2 (ESD): Level 3 (Contact discharge <math>\pm 6\text{kV}</math>, air discharge <math>\pm 8\text{kV}</math>)</p> <p>IEC 61000-4-5 (Surge): Level 4 (Power supply: common mode <math>\pm 4\text{kV}</math>, differential mode <math>\pm 2\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 supply: <math>\pm 4\text{kV}</math>, network port: <math>\pm 2\text{kV}</math>)</p>
Certification	CE, FCC, RoHS

## Dimensions

Unit: mm



## Ordering Information

Standard Model	100M Copper Port	Input Voltage
CIES205	5	Dual DC9V-60V or AC24V power inputs



## Contact Us

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