

CIES208

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



- 8 x 10/100Base-T(X) RJ45 ports
- The Max. frame length of Jumbo frame transmission: 2kbyte
- Half-duplex back-pressure or full-duplex IEEE802.3x flow control
- DC9V~60V or AC24V redundant power inputs, non-polarity
- High strength aluminum alloy shell, IP40 protection, fanless heating dissipation
- -40 to 75°C operating temperature range

Product Description

The CIES208 is an 8-port, 100M Layer 2 unmanaged industrial Ethernet switch designed for robust plug-and-play applications. Featuring 8* 10/100Base-T(X) ports, each port automatically senses speed, negotiates duplex mode, and switches between MDI and MDI-X connections, eliminating complex configuration. This seamless automation establishes a powerful and reliable communication foundation, delivering the smooth, high-performance data transfer essential for modern industrial operations while meeting the growing demand for innovative and value-driven solutions.

Built to thrive where standard equipment fails, the CIES208 employs industrial-grade components and rigorous manufacturing standards. Its high-strength aluminum alloy casing enables efficient fanless cooling and a wide operating temperature range from -40°C to +75°C, ensuring unwavering stability and protection in harsh conditions. With its standard 35mm DIN-rail mounting, this switch is the ideal, resilient networking backbone for demanding sectors like industrial automation, smart energy, intelligent transportation, and smart city infrastructure.

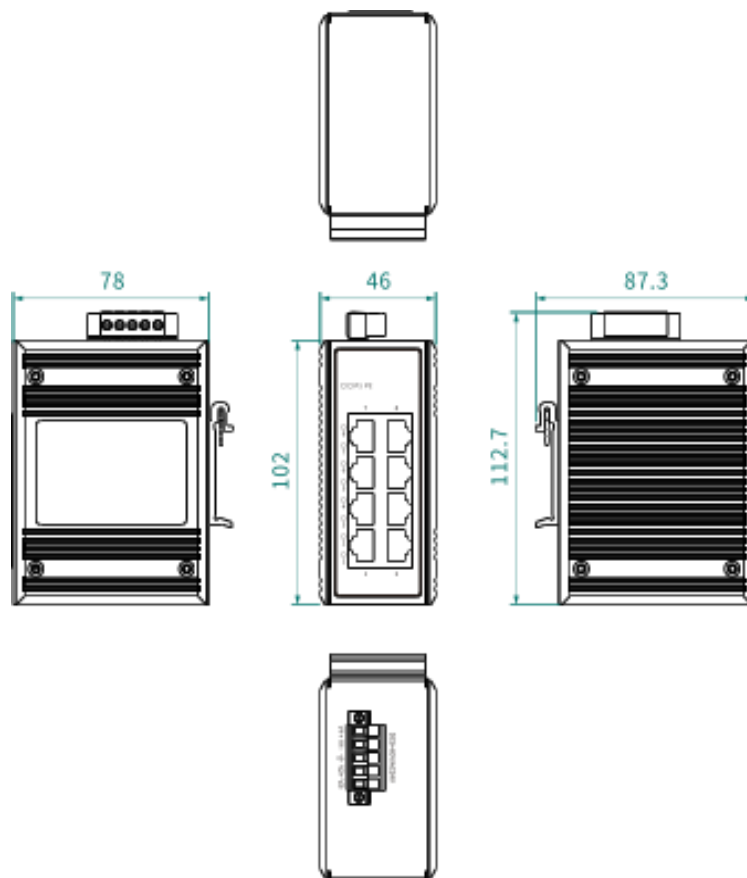
Technical Specifications

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	
100M Copper	8 x 10/ 100Base-T(X) auto-sensing RJ45 port, full/half duplex, auto MDI/MDI-X
Status LED	Power status LED, copper port LED
Power Supply	
Power Input	DC9V ~ 60V or AC24V, dual inputs for redundancy, non-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
Shell protection	IP40; Aluminum alloy shell
Weight	About 0.33kg
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 4 (contact discharge $\pm 8\text{kV}$, air discharge $\pm 15\text{kV}$)</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
CIES208	8	Dual DC9V-60V or AC24V power inputs



Contact Us

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