

## CIES308G

### 8-Port Gigabit DIN Rail Unmanaged Industrial Ethernet Switch



- Support 8×1G copper ports
- Ethernet ports support 10/100/1000M, full/half duplex, auto MDI/MDI-X connection, plug-and-play
- Support Jumbo frame transmission, with a maximum frame length of 9kByte
- Support dualDC9~60V or AC24V power input, support dual power redundancy, non-polarity input
- High-strength aluminum alloy shell, IP40 protection
- -40°C to +75°C working temperature

## Product Description

CIES308G is a 8-port full Gigabit unmanaged industrial Ethernet switch developed for industrial communication network applications. This product provides 8 Gigabit Ethernet ports. Each Gigabit copper port features 10/100/1000M auto-sensing, supports full-duplex or half-duplex mode, and can automatically handle MDI/MDI-X connections. This provides strong support for industrial automation, making industrial communication smoother, more reliable, and faster.

The products are built with industrial-grade components, featured with a high-strength aluminum alloy shell for durability, and utilize fanless heat dissipation. They can operate in a wide temperature range from -40°C to +75°C, making them suitable for various challenging work environments while maintaining stable communication performance. These products can be widely used in industrial automation, comprehensive energy, smart cities, intelligent transportation, smart factories, and other industrial fields.

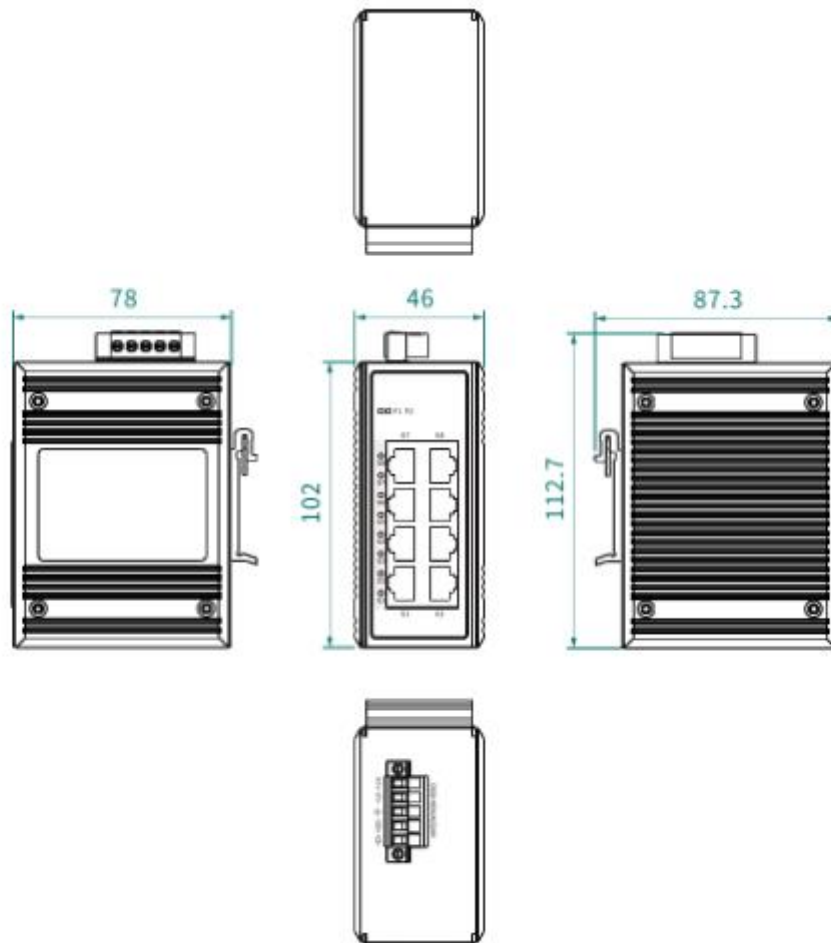
## Technical Specifications

Protocol Standards	
IEEE Standards	IEEE 802.3, IEEE 802.3U, IEEE 802.3AB
Switching	
Backplane Bandwidth	16Gbps
Buffer Size	1.5Mbit
Jumbo Frames	9kByte
MAC Table Size	4K
Interface	
1G Copper Port	8* 10/100/1000Base-T(X) Gigabit RJ45 ports, support full/half duplex, and auto MDI/MDI-X
Status LED	Power indicator, port indicator
Power Supply	
Input Voltage	DC9~60V or AC24V, support dual power redundancy, non-polarity
Power Consumption	<3.2W@DC12V(full load)
Connection	5.08mm pitch 5-pin terminal block
Physical Characteristics	
Dimensions	102×46×78mm (DIN rail mounting clip excluded)
Installations	Standard 35mm DIN-rail
IP Code	IP40
Weight	0.35kg
Working Environment	
Operating Temp	-40℃~+75℃
Storage Temp	-40℃~+85℃

Relative Humidity	5%~95% (non-condensing)
<b>Industry Standard</b>	
EMC	<p>IEC 61000-4-2 (ESD): Level 4 (Contact discharge<math>\pm</math>8kV, air discharge<math>\pm</math>15kV)</p> <p>IEC 61000-4-5 (Surge): Level 4 (Power supply: common mode<math>\pm</math>4kV, differential mode <math>\pm</math>2kV; Network port: common mode<math>\pm</math>6kV, differential mode<math>\pm</math>2kV)</p> <p>IEC 61000-4-4 (EFT): Level 4 (Power supply:<math>\pm</math>4kV; Network port: <math>\pm</math>2kV)</p>
Certification	CE, FCC, RoHS

## Dimensions

Unit: mm



## Ordering Information

Standard Model	1G Copper Port	Input Voltage
CIES308G	8	Dual DC9~60V or AC24V



## Contact Us

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