

CIEN2208 Series

8-Port 100M DIN Rail Unmanaged Industrial Fiber Switch



- 1/2/4×100Base-FX ports, 7/6/4×10/100Base-T(X) ports
- 100Base-FX ports support SC/FC/ST connector, single-mode/multi-mode fiber, wavelengths, and transmission distances are optional
- 10/100Base-T(X) ports support full/half duplex, auto MDI/MDI-X, plug and play
- Single AC85V~264V/DC110V~370V power input, or dual DC9V~60V redundant power inputs
- High-strength aluminum shell, IP40 protection with fanless heat dissipation
- -40°C to +85°C operating temperature range

Product Description

The CIEN2208 series, including fiber models -F, -2F, and -4F, consists of 8-port 100M unmanaged industrial Ethernet switches designed for plug-and-play deployment. These switches offer flexible port configurations, combining 100Base-FX fiber ports and 10/100Base-T(X) copper ports in options of 1/2/4 fiber ports with 7/6/4 copper ports. Each copper port supports 10/100Mbps auto-negotiation, full- or half-duplex modes, and automatic MDI/MDI-X, ensuring seamless switching and robust support for industrial automation. Power supply options include DC (direct current) or AC (alternating current) input, delivering reliable connectivity for high-performance, low-latency communication.

Engineered for durability and reliability, the CIEN2208-F/2F/4F series adopts industrial-grade components and a rugged aluminum housing with a 35mm standard DIN-rail mounting design. It features fanless heat dissipation and operates within a wide temperature range from -40°C to +85°C. With high-standard industrial protection and immunity to harsh environmental conditions, it ensures consistent performance in demanding scenarios. Ideal for applications in industrial automation, integrated energy systems, smart cities, intelligent transportation, and smart factories, this series provides a dependable solution for mission-critical networks.

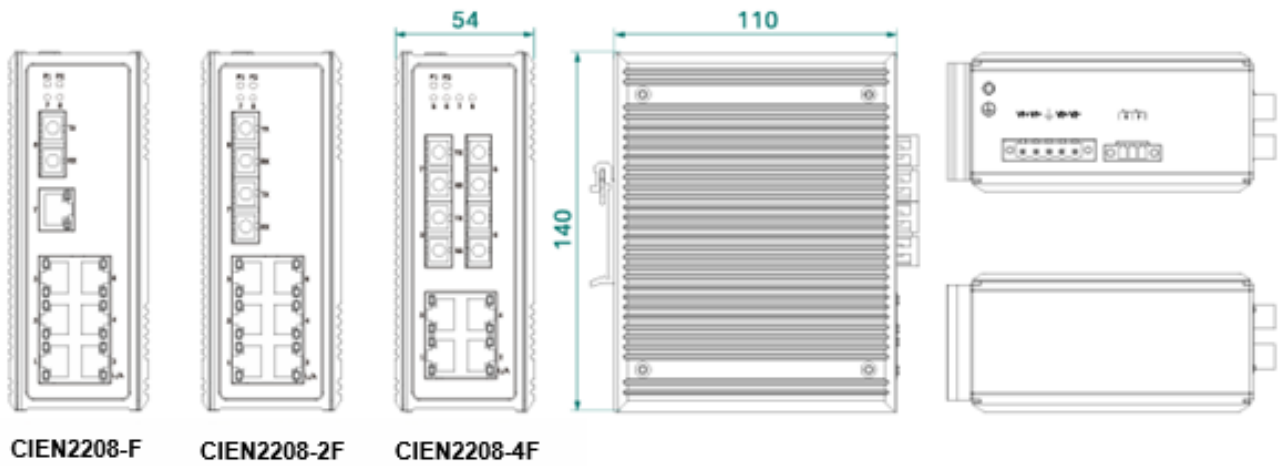
Technical Specifications

Switch Capability	
Backplane Bandwidth	1.6Gbps
Buffer Size	768Kbit
MAC Table Size	2K
Interface	
100M Fiber Port	1/2/4x100Base-FX 100M fiber ports, SC/FC/ST connector, single-mode/multi-mode, wavelength, and transmission distance optional
100M Copper Port	7/6/4 x10/100Base-T(X) auto-sensing 100M RJ45 ports, full/half duplex, auto MDI/MDI-X
Relay	1*relay alarm output, 3-pin 5.08mm pitch locking terminal block
Status LED	Power status LED, interface status LED
Power Supply	
Input Voltage	DC model: DC9~60V, redundant power inputs, no polarity AC model: AC85~264V or DC110~370V
Power Consumption	<5W@DC24V (full load)
Connection	5-pin 5.08mm pitch lock terminal block
Physical Characteristics	
Dimensions	140×35×100 mm (DIN rail mounting clip excluded)
Installations	Easy installation on 35mm DIN rails
IP Code	IP40
Weight	about 0.67kg
Working Environment	
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C

Relative Humidity	5%~95% (non-condensing)
Industry Standards	
EMC	IEC 61000-4-2 (ESD): Level 4 IEC 61000-4-5 (Surge): Level 4 ※The network port supports 6kV lightning protection IEC 61000-4-4 (EFT): Level 3
Certification	CE, FCC, RoHS

Dimensions

Unit: mm



Ordering Information

Standard Model	100M Fiber Port	100M Copper Port	Input Voltage
CIEN2208-F(M/S)	1	7	Dual DC9V~60V power inputs
CIEN2208-2F(M/S)	2	6	
CIEN2208-4F(M/S)	4	4	
CIEN2208-F(M/S)-AD220	1	7	Single AC85V~264V/DC110V~370V power input
CIEN2208-2F(M/S)-AD220	2	6	
CIEN2208-4F(M/S)-AD220	4	4	



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: sales@come-star.com

Official site: www.come-star.com

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