

CIEN2206-2F

6-Port L2 100M DIN Rail Unmanaged Industrial Ethernet Switch



- 2×100Base-FX ports, 4×10/100Base-T(X) ports
- 100Base-FX ports support SC/FC/ST, single-mode/multi-mode, multiple wavelength, and transmission distance options
- 10/100Base-T(X) port with full/half-duplex, and auto-sensing MDI/MDI-X
- Single AC85V~264V/DC110V~370V power input or dual DC9V~60V power inputs for redundancy
- High-strength aluminum shell with IP40 protection
- -40°C ~ +85°C operating temperature range

Product Description

The CIEN2206-2F is a 6-port unmanaged industrial Ethernet switch designed for plug-and-play deployment in demanding environments. It features 2×100Base-FX fiber ports and 4×10/100Base-T(X) RJ45 copper ports with auto-sensing capability, supporting full/half-duplex operation and automatic MDI/MDI-X switching. With optional DC or AC power input, the CIEN2206-2F provides a reliable foundation for industrial communication, delivering smooth, stable, and high-performance connectivity to meet evolving requirements for innovation and value-added applications. Built for durability and long-term performance, the switch incorporates industrial-grade components and a robust aluminum housing with a 35mm DIN-rail mounting design. It offers fanless heat dissipation, a wide operating temperature range from -40°C to +85°C, and high-level industrial protection to ensure stability in harsh environments. Ideal for use in industrial automation, integrated energy systems, smart cities, intelligent transportation, and smart factories, the CIEN2206-2F is a dependable solution for mission-critical networks.

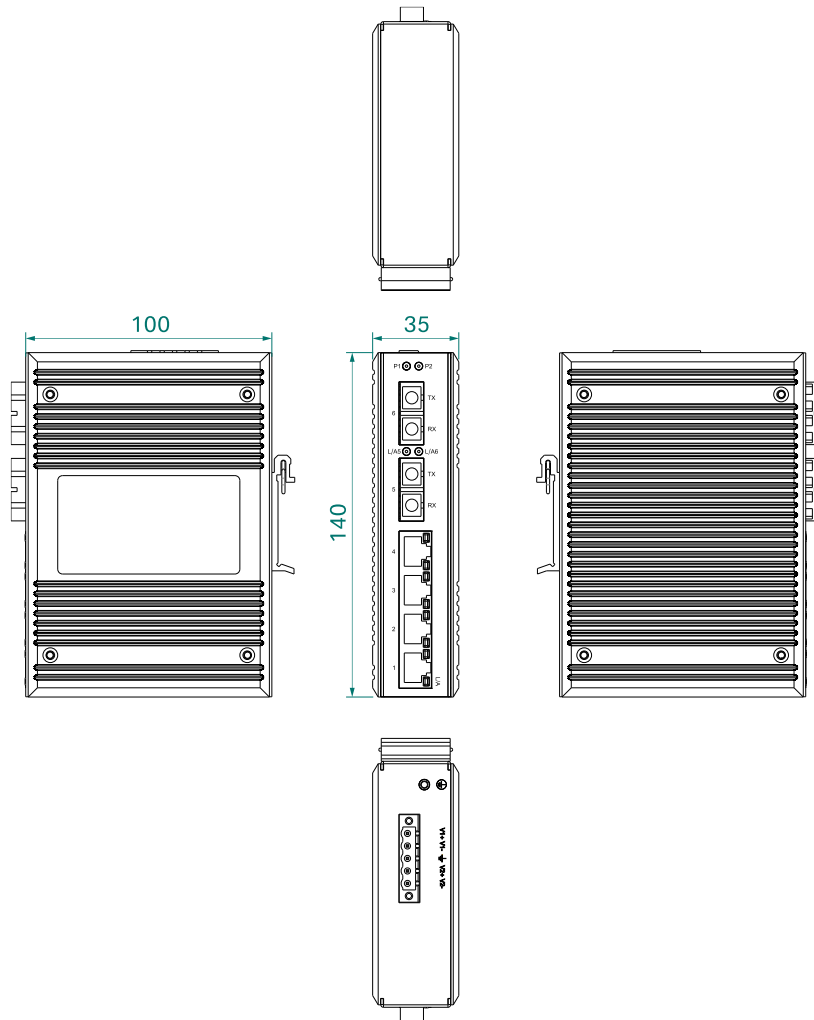
Technical Specifications

Switch Capability	
Backplane Bandwidth	1.6Gbps
Buffer Size	768Kbit
MAC Table Size	2K
Interface	
100M Fiber Port	2 x 100Base-FX 100M fiber ports, supporting SC/FC/ST, single-mode/multi-mode, wavelength, and transmission distance optional
100M Copper Port	4 x 10/100Base-T(X) auto-sensing 100M RJ45 ports, supporting full/half duplex, auto MDI/MDI-X
Status LED	Power indicator, interface indicator
Power Supply	
Input Voltage	DC Model: DC9V~60V, redundant power inputs, no polarity AC Model: AC85V~264V or DC110V~370V
Power Consumption	<2.5W(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 0.54kg
Working Environment	
Operating Temp	-40°C ~ +85°C
Storage Temp	-40°C~ +85°C
Relative Humidity	5%~95% (non-condensing)

Industry Standard	
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
CIEN2206-2F(M/S)	2	4	DC9~60V redundant power inputs
CIEN2206-2F(M/S)-AD220	2	4	Single AC85~264V or DC110~370V power input



Contact Us

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