

CIEN2216

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



- 16 x 10/100Base-T(X) RJ45 ports
- 10/100Base-T(X) ports support full/half duplex, auto MDI /MDI-X connection
- Relay output alarm for power failure
- Support single AC85V~264V/DC110V~370V power supply, or dual DC9V~60V redundant power inputs
- High strength metal shell, IP40 protection
- -40°C to +85°C operating temperature range

Product Description

CIEN2216 is a 16-port 100M unmanaged industrial Ethernet switch designed for reliable use in industrial communication networks and simple plug-and-play deployments. It provides 16 × 10/100Mbps copper ports with automatic speed negotiation, supporting both full-duplex and half-duplex operation as well as automatic MDI/MDI-X detection. This ensures seamless device connectivity, stable data forwarding, and efficient communication, making it well suited for basic industrial networking scenarios where ease of installation and dependable performance are essential.

Built with carefully selected industrial-grade components, the CIEN2216 features standard 35mm DIN-rail mounting and a high-strength metal enclosure for long-term durability. Its fanless design enables efficient heat dissipation and maintenance-free operation, supporting a wide operating temperature range of -40°C to +85°C (AC models: -40°C to +75°C). With a high-level industrial protection design, it delivers stable communication performance even in harsh environments. The CIEN2216 is widely used in industrial automation, integrated energy systems, smart cities, intelligent transportation, smart factories, and other demanding industrial applications.

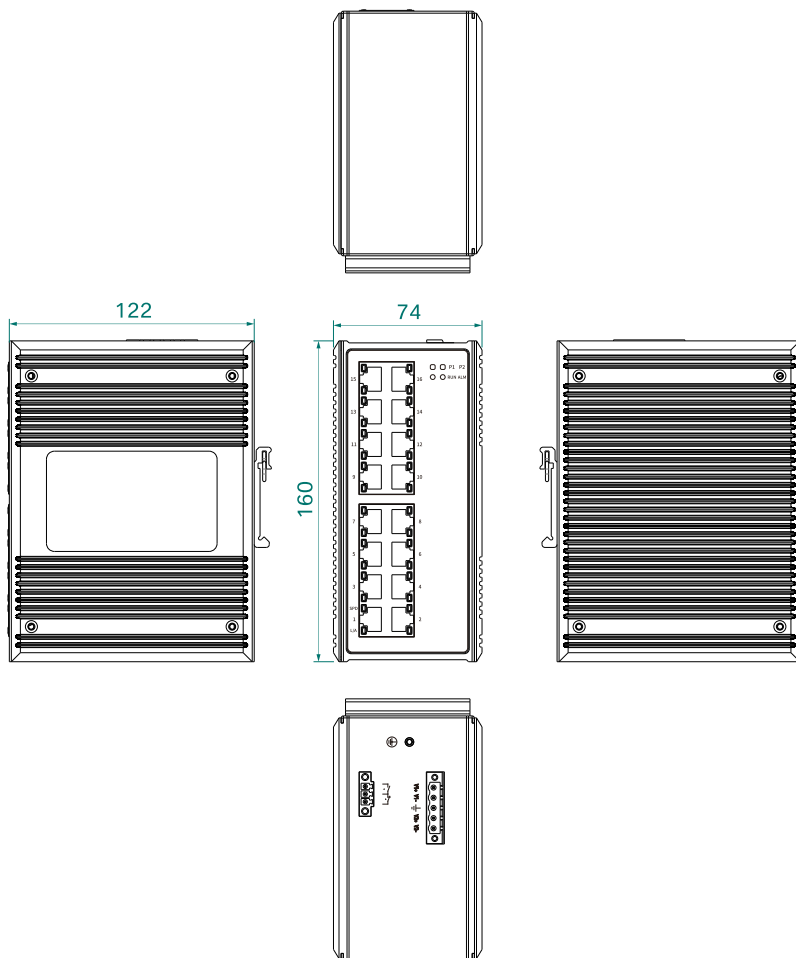
Technical Specifications

Switching	
Backplane Bandwidth	4.8Gbps
Buffer Size	2Mbit
MAC Table Size	8K
Interface	
100M Copper Port	16 x 10/100M Base-T(X) auto-sensing RJ45 copper ports, full/half duplex, auto MDI/MDI-X
Relay	1 x relay alarm output, 3-pin 3.81 mm terminal block
Status LED	Power indicator, Operation indicator, Alarm indicator, Interface indicator
Power Supply	
Input voltage	DC model: DC9V~60V, dual power inputs, reverse connection protection AC model: AC85V~264V (frequency: 47~63Hz) or DC110V~370V
Power consumption	<3W@DC24V (full load)
Connection	5-pin 5.08mm terminal block
Physical Characteristics	
Dimensions	160 × 74 × 122mm (din rail mounting clip excluded)
Installations	35mm standard DIN-rail installation
IP Code	IP40
Weight	About 1.2kg
Working Environment	
Operating Temp.	DC model: -40°C to +85°C AC model: -40°C to +75°C
Storage Temp.	-40°C to +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 4
Certification	CE, RoHS, FCC

Dimensions

Unit: mm



Ordering Information

Standard Model	100M Copper Port	Input Voltage
CIEN2216	16	Dual DC9V~60V power inputs
CIEN2216-AD220	16	Single AC85V~264V or DC110V~370V



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

Copyright © Come-Star All rights reserved