

CIEN3220-4GF

20-port Layer 2 Gigabit Unmanaged DIN Rail Industrial Switch



- 4 × 1G SFP ports, 16× 10/100Base-T(X) RJ45ports
- 10/100Base-T(X) ports support full/half duplex and auto MDI/MDI-X
- Relay output warning for power failure
- Support single AC85V~264V/DC110~370V power supply or dual DC9V~60V power inputs
- High-strength metal casing with IP40-rated protection
- -40°C to +75°C operating temperature range

Product Description

CIEN3220-4GF is a 20-port Gigabit unmanaged industrial Ethernet switch designed for reliable plug-and-play deployment in industrial communication networks. It provides 4 Gigabit SFP fiber ports and 16 10/100Base-T(X) copper ports, with flexible options for DC or AC power input to suit different installation requirements. Each copper port supports full-duplex and half-duplex operation with automatic MDI/MDI-X detection, enabling fast and effortless network setup. By delivering stable Gigabit uplinks and dependable access connectivity, the switch ensures smooth, efficient data transmission for industrial automation systems and value-driven network applications.

Built with industrial-grade components, the CIEN3220-4GF features a robust metal enclosure, standard 35 mm DIN-rail mounting, and a fanless cooling design for long-term, maintenance-free operation. Its wide operating temperature range of -40°C to +75°C and high-standard industrial protection allow it to perform reliably in harsh and demanding environments. Designed for continuous operation and communication stability, the switch is well suited for industrial automation, integrated energy systems, smart cities, intelligent transportation, smart factories, and other industrial networking scenarios.

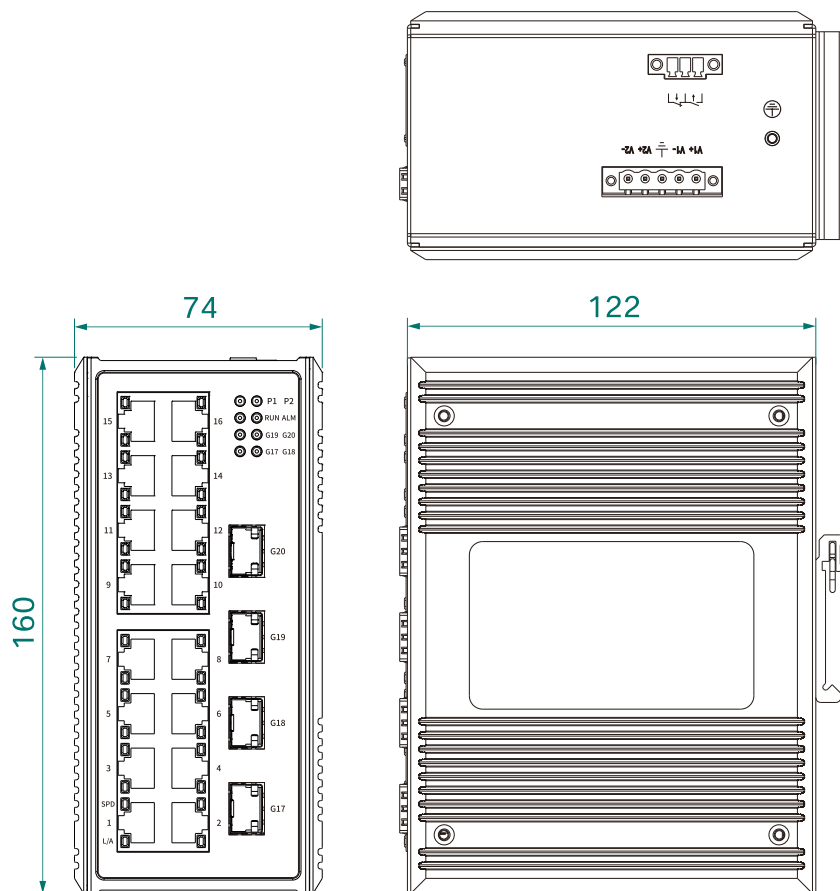
Technical Specifications

Switching	
Backplane Bandwidth	12.8Gbps
Buffer Size	4.1Mbit
MAC Table Size	8K
Interface	
1G Fiber Port	4 x 1000Base-X SFP ports
1G Copper Port	16 x 10/100Base-T(X) auto-sensing RJ45 ports, support full/half duplex and auto MDI/MDI-X
Relay	1 x relay alarm output, using a 3-pin3.81mm pitch connector terminal
Status LED	Power indicator, SFP port indicator, TX port speed, and connection status/activity indicator
Power Supply	
Input Voltage	DC model: Dual DC9V~60V power inputs, reverse polarity protection AC model: Single AC85V~264V/DC110~370V power supply
Power Consumption	<12W@DC24V (full load)
Connection	5.08mm pitch 5-pin terminal block
Physical Characteristics	
Dimensions	160 × 74 × 122 mm (DIN rail mounting clip excluded)
Installations	Easy installation on 35mm DIN rails
IP Code	IP40
Weight	1.2kg
Working Environment	
Operating Temp.	-40°C ~ +75°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 ※Ethernet ports support 6kV surge protection IEC 61000-4-4(EFT): Level 4
Certification	CE, FCC, RoHS

Dimensions

Unit: mm



Ordering Information

Standard Model	1G Fiber Port	10/100M Copper Port	Input Voltage
CIEN3220-4GF	4	16	Dual DC 9V~60V power inputs
CIEN3220-4GF-AD220	4	16	Single AC 85~264V/DC110~370V power supply



Contact Us

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