

CIEN3210G-2GF-8GT

10-Port L2 Full Gigabit Unmanaged DIN Rail Industrial Switch



- 2 × 1G SFP Ports, 8 × 10/100/1000Base-T(X) RJ45 Ports
- Copper ports support full/half duplex and auto MDI/MDI-X, plug-and-play
- Single AC85V~264V/DC110V~370V power supply or dual DC 9V~60V power inputs
- High-strength metal casing, IP40-rated protection
- -40°C to +85°C operating temperature range

Product Description

The CIEN3210G-2GF-8GT is a 10-port full Gigabit unmanaged industrial Ethernet switch designed for plug-and-play deployment in industrial communication networks. It provides 2* 1G SFP fiber ports and 8*10/100/1000Base-T(X) copper ports, with available models supporting either DC or AC power input to meet diverse application needs. Each copper port features auto-sensing for 10/100/1000 Mbps, supports full- or half-duplex transmission, and automatically handles MDI/MDI-X switching. This ensures smooth, reliable, and high-speed communication for industrial automation applications, enabling customers to expand and optimize value-added industrial systems with ease.

Engineered with industrial-grade components and strict production standards, the CIEN3210G-2GF-8GT features a rugged metal enclosure, fanless thermal design, and standard 35mm DIN-rail installation for long-term stability in demanding environments. It operates within a wide temperature range of -40°C to +85°C and incorporates high-level industrial protection to withstand vibration, electrical noise, and harsh field conditions. With stable and dependable performance, this switch is well suited for industrial automation, integrated energy systems, smart cities, intelligent transportation, smart factories, and other mission-critical industrial scenarios.

Technical Specifications

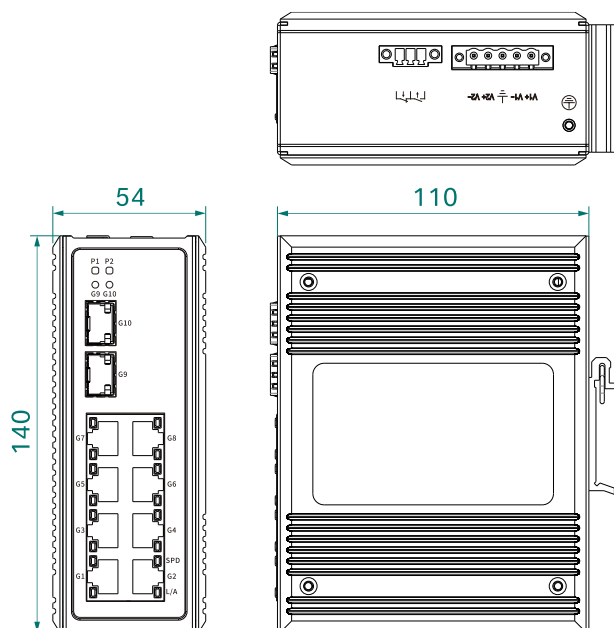
Protocol Standards	
IEEE Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z
Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	20Gbps
Buffer Size	1.5Mbit
Jumbo Frame Size	9216Byte
MAC Table Size	4K
Interface	
Fiber Port	2×100/1000Base-X SFP ports
PoE Port	8×10/100/1000Base-T(X) auto-sensing RJ45 ports, full/half-duplex, auto MDI/MDI-X
Relay	1×relay alarm output, utilizing 3-position 5.08mm pitch locking terminal blocks
Status LED	Power indicator, fiber port indicator, copper port speed and connection/activity indicator
Power Supply	
Power Input	DC model: DC9~60V, dual power redundancy, non-polar AC model: AC85~264V (47~63Hz)/ DC110~370V

Power Consumption	< 5.5W@DC24V, < 6.4W@AC220V
Connection	DC model: 5-position 5.08mm pitch locking terminal blocks AC model: 3-position 5.08mm pitch locking terminal blocks
Physical Characteristics	
Dimensions	140×54×110 mm (excluding DIN rail & connectors)
Installations	Easy installation on 35mm DIN rails
Enclosure Protection	Aluminum alloy housing, IP40 protection rating
Weight	About 0.78kg
Working Environment	
Operating Temp	-40°C to +85°C
Storage Temp	-40°C to +85°C
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMS	IEC 61000-4-2 (ESD): Level 3 IEC 61000-4-5 (Surge): Level 3 ※Ethernet ports support 6kV surge protection IEC 61000-4-4 (EFT): Level 3

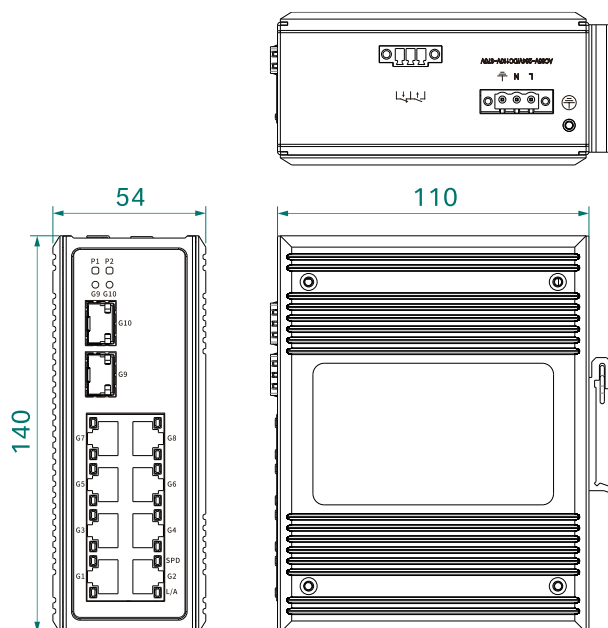
Dimensions

Unit: mm

CIEN3210G-2GF-8GT



CIEN3210G-2GF-8GT-AC220



Ordering Information

Standard Model	1G Fiber Port	1G Copper Port	Input Voltage
CIEN3210G-2GF-8GT	2	8	Dual DC9V~60V power inputs
CIEN3210G-2GF-8GT- AD220	2	8	Single AC85V~264V/DC110V~370V power supply



Contact Us

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