

CIEN3206GP-2GF-4GTPoE

6-Port Layer 2 Gigabit DIN-rail Unmanaged Industrial POE Switch



- 2 x 1000Base-X SFP ports, 4 x 10/100/1000Base-T(X) PoE RJ45 ports
- IEEE 802.3af/at, PoE+ standards
- Up to 30W output per PoE Port & total budget 120W
- Dual DC48~52V power inputs for power redundancy
- High strength aluminum alloy shell, IP40-rated protection
- -40°C to +75°C working temperature range

Product Description

CIEN3206GP-2GF-4GTPoE is a 6-port Layer 2 fully Gigabit unmanaged PoE DIN-rail industrial Ethernet switch featuring 2×1G SFP ports and 4×1G PoE copper ports. The PoE ports comply with IEEE 802.3af/at, allowing power to be delivered to standard PD devices through Ethernet cables without impacting data transmission, significantly reducing power wiring costs. Each Gigabit port supports 10/100/1000M auto-negotiation, full/half-duplex modes, and automatic MDI/MDI-X detection, ensuring flexible deployment and reliable communication performance for industrial automation applications. Designed to meet evolving customer needs, it provides smooth, stable, and high-speed data transmission for a wide range of value-added industrial scenarios.

The product adopts industrial-grade components and high-standard design with a robust aluminum alloy housing, 35mm DIN-rail installation, and an operating temperature range of -40°C to +75°C, ensuring reliable performance in harsh environments. Its comprehensive industrial protection design, combined with strict functional, temperature, safety, and EMC testing, ensures long-term stability across demanding field environments. This switch is well-suited for industrial automation, integrated energy systems, smart cities, intelligent transportation, and smart factories.

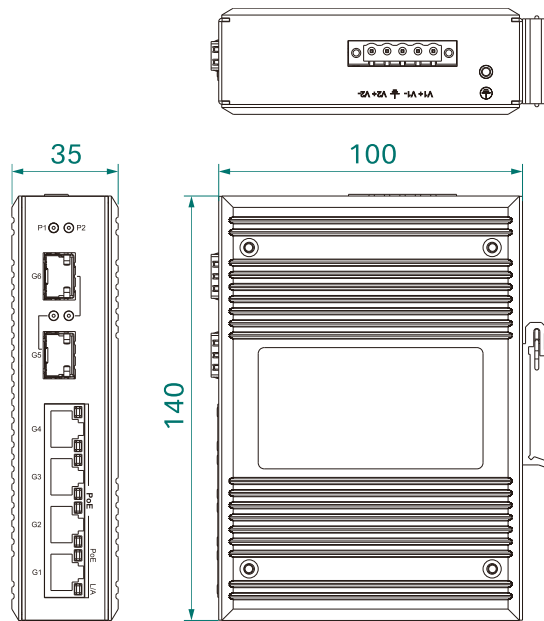
Technical Specifications

Protocol Standards	
IEEE Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at
Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	14Gbps
Buffer Size	2Mbit
MAC Table Size	2K
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; PoE power delivery complies with IEEE 802.3af/at standards, with a maximum output power of 30W per port. PoE power delivery pins: 1 and 2 are positive, 3 and 6 are negative.
Relay	1×relay alarm output, utilizing 3-position 5.08mm pitch locking terminal blocks
Status LED	Power indicator, PoE indicator, fiber port indicator, copper port speed and connection/activity indicator
Power Supply	

Power Input	DC48V model: DC48~52V, dual power redundancy, anti-reverse protection (When a single PoE port needs to support a 30W load, the power input must reach DC 52V or higher.)
Power Consumption	< 3.5W@DC48V (no PD), maximum PoE output power of the entire unit is 120W
Connection	5-pin 5.08mm terminal block with lock
Physical Characteristics	
Dimensions	140×35×110 mm (excluding DIN rail & connectors)
Installations	Easy installation on 35mm DIN rails
Enclosure Protection	Aluminum alloy housing, IP40 protection rating
Weight	About 0.5 kg
Working Environment	
Operating Temp	-40°C to +75°C
Storage Temp	-40°C to +85°C
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMS	IEC 61000-4-2 (ESD): Level 4 IEC 61000-4-5 (Surge): Level 3 IEC 61000-4-4 (EFT): Level 4

Dimensions

Unit: mm



Ordering Information

Standard Model	1G SFP Port	1G PoE Port	Input Voltage
CIEN3206GP-2GF-4GTPoE-DC48	2	4	Dual DC48~52V power inputs



Contact Us

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