

CIEN3205GP-GF-4GTPoE

5-Port L2 Full Gigabit DIN Rail Unmanaged Industrial POE Switch



- 1 x 1G SFP Port, 4 x 1G PoE RJ45 Ports
- IEEE 802.3af/at, PoE+ standards
- Up to 30W output per port, with a total budget of 120W
- Copper ports support 10/100/1000Base-T(X) auto-sensing, full/half duplex, auto MDI/MDI-X
- Dual DC48V~52V power inputs for power redundancy
- High-strength aluminum alloy shell, IP40-rated protection
- -40°C to +75°C working temperature range

Product Description

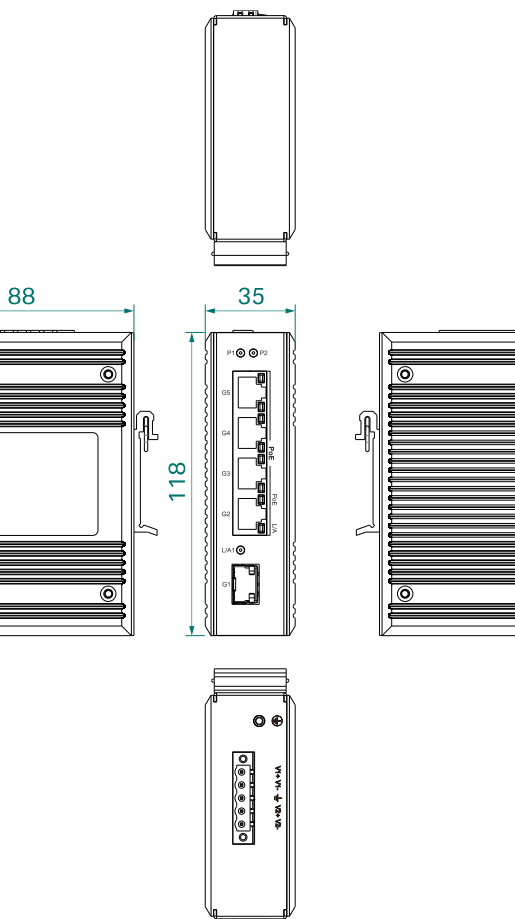
The CIEN3205GP-GF-4GTPoE is a 5-port L2 fully Gigabit unmanaged PoE DIN-rail industrial Ethernet switch designed for simple, high-performance industrial networking. It provides 1* Gigabit SFP port and 4* 1G PoE ports compliant with IEEE 802.3af/at standards, supplying power to standard PD devices through Ethernet cables without interrupting data transmission or increasing wiring costs. Each copper port supports 10/100/1000M auto-negotiation, full- or half-duplex operation, and automatic MDI/MDI-X detection, ensuring smooth, stable, and reliable communication to meet the growing demands of industrial automation and value-added applications.

Engineered with industrial-grade components and manufactured under stringent quality control, the CIEN3205GP-GF-4GTPoE adopts a rugged aluminum alloy enclosure with 35mm DIN-rail mounting for secure installation. Its fanless design enables efficient heat dissipation, supporting reliable operation across a wide temperature range from -40°C to +75°C. With strong industrial protection and resistance to harsh environments, the switch maintains stable communication performance in challenging field conditions. Having passed rigorous functional, high/low temperature, safety, and EMC testing, it is well suited for industrial automation, integrated energy systems, smart cities, intelligent transportation, and smart factory deployments.

Technical Specifications

Protocol Standards	
IEEE Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af/at
Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	14Gbps
Buffer Size	2Mbit
MAC Table Size	2K
Interface	
Fiber Port	1×1000Base-X SFP port, compatible with 100Base-FX
PoE Port	4×10/100/1000Base-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.
Status LED	Power indicator, PoE indicator, port indicator
Power Supply	
Power Input	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	< 3W@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	118×35×88 mm (excluding DIN rail & connectors)
Installations	Easy installation on 35mm DIN rails
Enclosure Protection	Aluminum alloy housing, IP40 protection rating
Weight	About 0.4 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



Ordering Information

Standard Model	Gigabit Fiber Port	Gigabit PoE Port	Input Voltage
CIEN3205GP-GF-4GTPoE	1	4	Dual DC48V~52V power input



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