CIEN2026-2F

26-Port Layer 2 Unmanaged Rack Mount Industrial Ethernet Switch



- 2×100Base-FX ports, 24×10/100Base-T(X) RJ45 ports
- Fiber ports support SC/FC/ST connectors, single-mode/multi-mode, multiple wavelength and transmission distance available
- 10/100Base-T(X) ports with full/half duplex and auto MDI/MDI-X
- Relay output and status LED warning for power failure
- Multiple power input options: DC24, DC48, or AD220, dual power inputs with power redundancy
- With IP40 high-strength metal casing and fanless heat dissipation
- -40°C to +75°C operating temperature range

Product Description

The CIEN2026-2F is a 26-port Layer 2 unmanaged industrial Ethernet switch engineered for rack-mount deployment and true plug-and-play operation in industrial networks. It features 2 × 100Base-FX fiber ports, supporting multimode or single-mode fiber with SC, FC, or ST connectors, along with 24 × 10/100Base-T(X) RJ45 copper ports. Each copper port supports auto-negotiation, full- or half-duplex transmission, and automatic MDI/MDI-X, allowing fast, error-free integration with a wide range of field devices. With stable forwarding performance and reliable data transmission, the switch meets the connectivity needs of industrial automation systems and cost-sensitive Ethernet deployments.

Designed for long-term operation in harsh environments, the CIEN2026-2F is built with industrial-grade components and a robust, fanless hardware architecture. Its high-strength metal enclosure ensures effective heat dissipation and mechanical durability, while the wide operating temperature range of –40 °C to +75 °C guarantees stable performance under extreme conditions. With a high level of industrial protection and consistent communication reliability, the CIEN2026-2F is well suited for applications in industrial automation, integrated energy systems, smart cities, intelligent transportation, smart factories, and other mission-critical industrial networking scenarios.

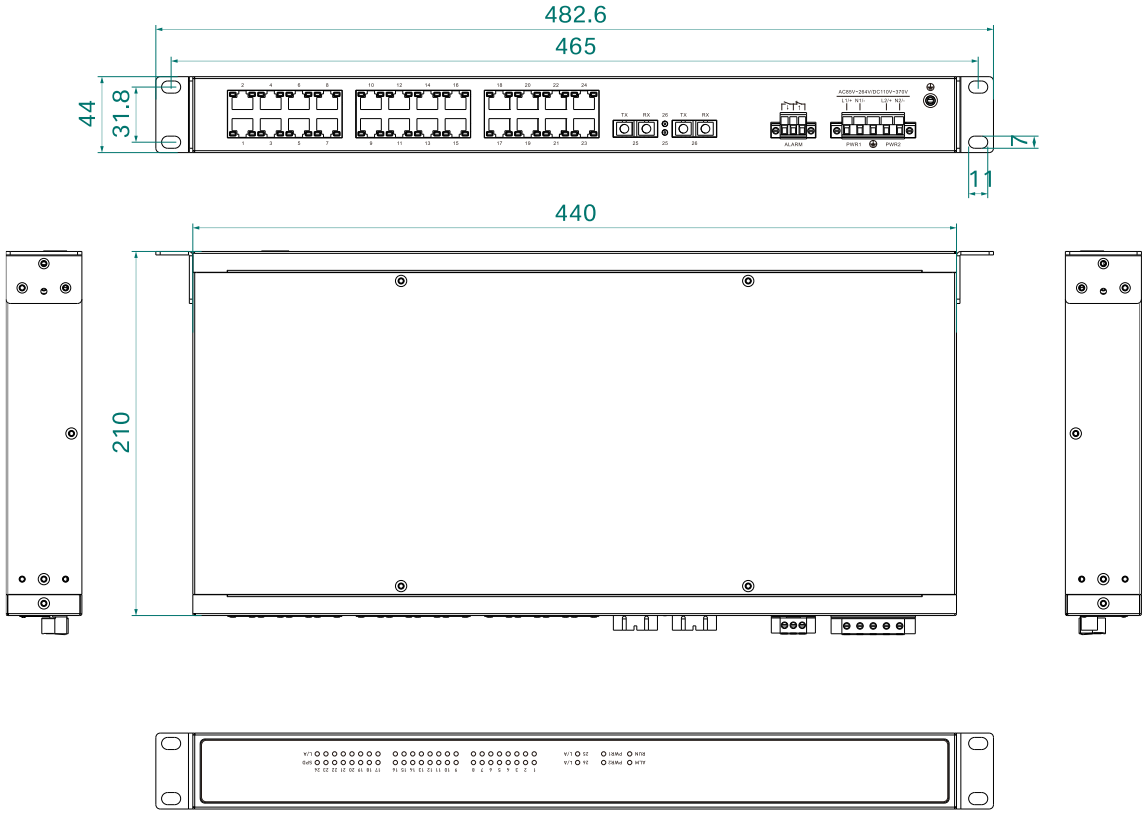
Technical Specifications

Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	8.8Gbps
Buffer Size	768kbit
MAC Table Size	8K
Interface	
100M Fiber Port	2 x 100Base-FX ports (SC/FC/ST, single-mode/multi-mode, wavelength, and transmission distance are optional)
100M Copper Port	24 x 10/100Base-T(X) auto-sensing RJ45 ports, with full/half duplex and auto sensing MDI/MDI-X
Relay	1 x relay alarm output, 3-position 5.08mm pitch lock terminal block
Status LED	Power indicator, operation indicator, alarm indicator, FX/TX port speed and connection/activity indicator
Power Supply	
Input Voltage	DC Model: DC18V-72V, reverse polarity protection, single/dual power supply options available AC Model: AC85V-264V / DC110-370V, single/dual power supply options available
Power Consumption	＜7W@DC24V, ＜7W@DC48V, ＜8W@AC220V
Connection	5-position 7.62mm pitch lock terminal block
Physical Characteristics	
Dimensions	482.6×44×210 mm (mounting clips included)
Installations	Standard 19-inch 1U rack mountable
IP Code	IP40
Weight	About 2.7kg

Working Environment	
Operating Temp	-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 3 ※ Ethernet port supports 6kV lightning protection IEC 61000-4-4 (EFT): Level 4
Certification	CE, FCC, RoHS

Dimensions

Unit: mm



Ordering Information

Standard Model	100M Fiber Port	10/100M Copper Port	Input Voltage
CIEN2026-2F(M/S)-DC24	2	24	Single/Dual DC18V~72V power input
CIEN2026-2F(M/S)-DC48	2	24	
CIEN2026-2F(M/S)-AD220	2	24	Single/Dual AC85~264/DC110~370V power input

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