

CIEN2218-2F

18-port 100M DIN Rail Layer 2 Industrial Ethernet Switch



- Support 16 x 100M copper ports, 2x100M fiber ports
- Support relay alarm when the system is powered off
- Support single AC85~264V/DC110~370V power supply, or dual DC 9~60V redundant power input
- High strength metal shell, IP40 protection, fan-less heat dissipation
- -40 °C~+85 °C operating temperature

Product Description

CIEN2218-2F is 18-port 100M unmanaged industrial Ethernet switch for industrial communication network applications. It is mainly used for simple plug-and-play applications. This series of products provides 16*100M copper ports and 2*100M fiber ports, supports DC power input or AC power input optional, each 100M copper port has 10/100M adaptive function, supports full-duplex or half-duplex mode, and can support MDI/MDI-X connection, providing a strong guarantee for industrial automation and making industrial communications smoother and more reliable and faster.

The product features selected industrial-grade components, high-strength metal casing, sturdy and durable, fan-less casing for heat dissipation, -40°C~+85°C wide temperature operation (AC model -40°C~+75°C), 35mm standard din-rail installation, high-standard industrial protection design, able to adapt to various harsh working environments, with stable communication performance. The products can be widely use in industrial automation, integrated energy, smart cities, smart transportation, smart factories and other industrial fields

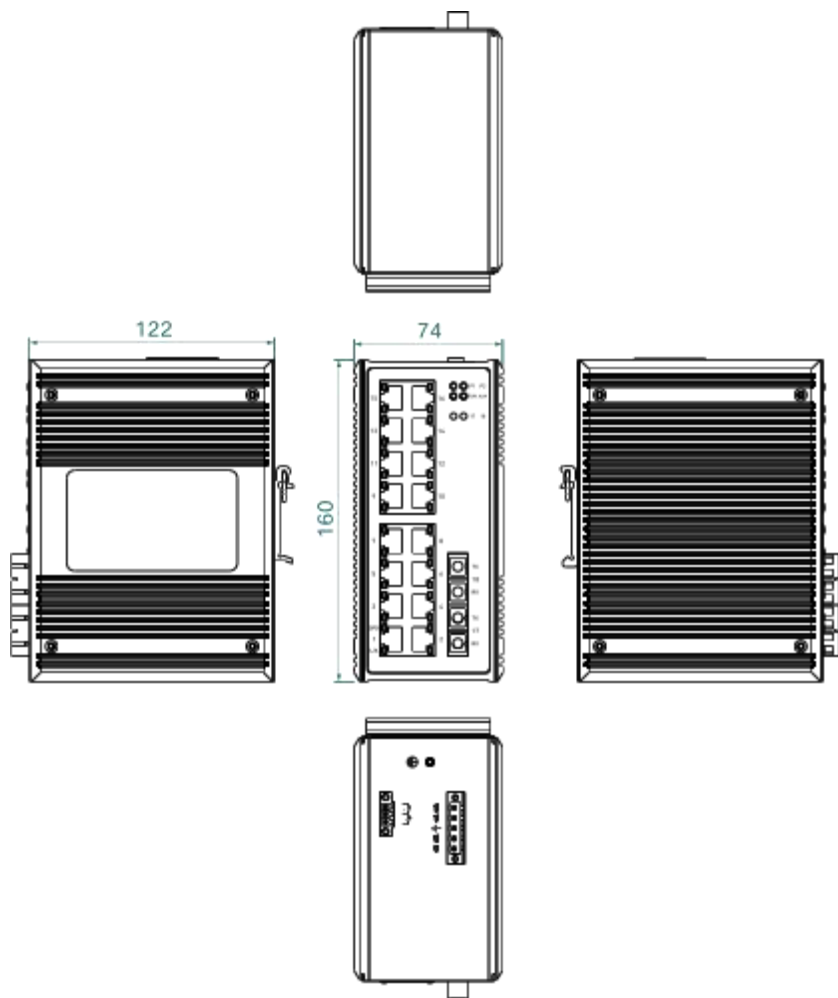
Technical Specifications

Switching	
Backplane Bandwidth	12.8Gps
Buffer Size	4.1 Mbit
MAC Table Size	8K
Interface	
100M Copper Port	16*10/100M Base-T(X) Auto-sensing RJ45 copper port supports full/half duplex, Auto-MDI /MDI-X connections
100M Fiber Port	2*100M Base-FX port, support SC/FC/ST connections, single mode/multimode transmission distance optional
Relay	1 relay alarm output, 3-pin 3.18mm terminal block
Status LED	Power indicator, operation indicator, alarm indicator, interface indicator
Power supply	
Input Voltage	DC model: DC9~60V, dual power input, reverse connection protection AC model: AC85~264V (frequency: 47~63Hz) or DC110~370V
Power Consumption	<7W@DC24V
Connection	5-pin 5.08mm terminal block
Physical Characteristics	
Dimensions	160×74×122mm (DIN rail mounting clip excluded)
Installation	35mm standard Din-rail installation
IP Code	IP40
Weight	About 1.2kg
Working Environment	
Operating Temp.	DC model: -40℃~+85℃ AC model: -40℃ to +75℃
Storage Temp.	-40℃~+85℃
Relative Humidity	5%~95% (No condensing)

Industry Standard	
EMC Protecting	IEC 61000-4-2 (ESD): Level4 IEC 61000-4-5 (Surge):Level4 ※The network port supports 6kV lightning protection IEC 61000-4-4 (EFT): Level 4
Certification	CE, RoHS, FCC

Dimensions

Unit: mm



Ordering Information

Standard Model	100M Copper Port	100M Fiber port	Input Voltage
CIEN2218-2F(M/S)	16	2	Dual DC9~60V power input
CIEN2218-2F(M/S)-AD220	16	2	Single AC85~264V or DC110~370V



Contact Us

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