

CIEN2018-2F

18-port Layer 2 Unmanaged Rack Mount Industrial Ethernet Switch



- 16 x 10/100Base-T(X) ports, 2 x 100Base-F(X) ports (SC/FC/ST connector, single /multimode)
- 10/100Base-T(X) ports support full/half duplex, auto MDI/ MDI-X connection
- Support dual power supply failure alarm via indicator and relay
- Support AC85V~264V/ DC110V~370V, single and dual power optional
- High strength metal alloy shell, IP40 protection
- -40 °C~+85 °C operating temperature

Product Description

CIEN2018-2F is an 18-port layer 2 rack mount unmanaged industrial Ethernet switch designed and developed specifically for industrial communication network applications. It supports 16x10/100Base-T(X) ports, 2x100Base-F(X) ports, each 100M copper port supports full/half duplex, auto MDI/ MDI-X connection, making industrial communications smoother, more reliable, and faster.

The product features selected industrial-grade components, high-strength metal casing, sturdy and durable, fanless casing for heat dissipation, -40 °C ~+75 °C wide temperature operation, high-standard industrial protection design, able to adapt to various harsh working environments, with stable communication performance. The products can be widely used in industrial automation, integrated energy, smart cities, smart transportation, smart factories and other industrial fields.

Technical Specifications

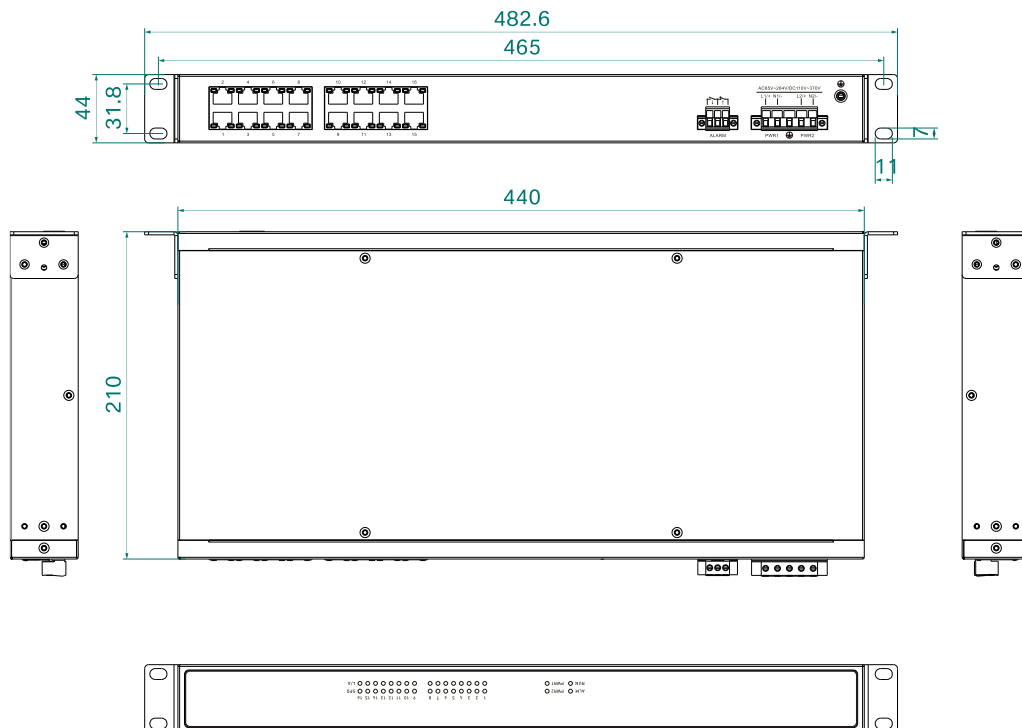
Switching	
Processing Type	Store-and-Forward
Backplane bandwidth	12.8Gps
Cache size	4.1Mbit
Mac address	8K
Interface	
100M Copper Port	16 x 10/100 Base-T(X) adaptive RJ45 ports, full/half duplex, MDI/MDI-X adaptive.
100M Fiber Port	2 x 100Base-Fx fiber ports 100M fiber ports support SC/FC/ST connectors, single/multi-mode.
Relay	1 relay alarm outputs, 5.08mm pitch 3 terminal block.
LED Statues	Power indicator Operation indicator Alarm indicator Copper port speed and connection/activity indicator
Power Supply	
Input voltage	AC85V~264V or DC110V~370V
Power Consumption	<9W@AC220V (full load)
Connection	7.62mm pitch 5 pin terminal block
Physical Characteristics	
Dimensions	482.6 × 44 × 210mm (Mounting brackets included)
Installations	19inch 1U Rack mount
IP Code	IP40
Weight	2.7kg

Working Environment

Operating Temp	-40°C~+75°C
Storage Temp	-40°C~+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 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
CIEN2018-2F-AD220	2	16	AC85V~264V or DC110V~370V (Dual power optional)



Contact Us

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