EX43008

工業級非網管 8 埠乙太網路交換器



產品介紹

EX43008 是益網科技推出的**工業級非網管型乙太網路交換機**，適用於各類工業現場應用。產品配備 8 個 Fast Ethernet 連接埠，支援 10/100 Mbps 自動協商、全雙工/半雙工模式與自動 MDI/MDIX，具備即插即用特性，安裝快速且無需手動設定。

EX43008 支援多項進階功能，包括 **Quality of Service (QoS)**、**IEEE 802.3az 節能乙太網路（EEE）**及**廣播風暴保護等進階功能（可透過 DIP 開關啟用）**。 內建繼電器警報器可在電源異常或連線中斷時發出即時告警，提升系統可靠性與即時監控能力。採用堅固的金屬外殼與 DIN 導軌安裝方式，適用於工廠自動化、交通運輸與智慧基礎設施等關鍵任務場域。

符合 IEC 62443-4-2－依循 IEC 62443-4-1 安全開發實務進行開發與審查。

益網科技 - “ **連結，制勝的關鍵** “

產品亮點

寬溫 & 堅固外殼

無風扇設計，搭配 DIN 導軌安裝與金屬外殼，支援 -20°C 至 60°C 寬溫運作。

連接埠故障警報和廣播風暴保護

繼電器警報在電源或連結故障時發出警報。

DIP 開關設定閾值以防止網路擁塞和效能問題。

網路串接有效率且節能

QoS 和 IEEE 802.3az 支援流暢、低功耗的效能。

即插即用

8個連接埠，10/100Mbps 自動協商，自動 MDI/MDIX 。

產品規格

Technology

Standards

IEEE 802.3u 100BASE-TX/FX
IEEE 802.3x full-duplex flow control
IEEE 802.3az Energy Efficient Ethernet
IEEE 802.1p Quality of Service (QoS)

Forward/Filtering Rate

14,880pps for 10Mbps
148,810pps for 100Mbps

Packet Buffer Memory

448K bits

Processing Type

Store-and-Forward
Auto Negotiation
Half-duplex back-pressure and IEEE 802.3x full-duplex flow control
Auto MDI/MDIX

Address Table Size

1K MAC addresses

Power

Input

12 to 48VDC (Terminal Block),

Power Consumption

12VDC@4.34W, 24VDC@4.57W, 48VDC@6.28W

Protection

Reverse Polarity Protection

Mechanical

Casing
Aluminum Case

IP Rating
IP30

Dimensions
43.6 x 110 x 135mm (W x D x H) (1.74" x 4.33" x 5.31")

Weight
0.51Kg (1.12lbs)

Installation
DIN-Rail (Top hat type 35mm), Panel, or Rack mounting

Interface

Ethernet Ports
10/100BASE-TX: 8 ports

LED Indicators
Per Unit: Power 1 (Green), Power 2 (Green)
Per Port: Link/Activity (Green)

DIP Switches
Enable/Disable Port fault alarm
Enable/Disable Broadcast Storm Protection

Alarm Contact
One relay output with current 1A@250VAC
Supports normal close and normal open

Environment

Operating Temperature
-10 to 60°C (14 to 140°F)
Tested @ -20 to 70°C (-4 to 158°F)

Storage Temperature
-40 to 85°C (-40 to 185°F)

Ambient Relative Humidity
5% to 95% (non-condensing)

Regulatory Approvals

ISO
Manufactured in ISO-9001 facility

EMI
FCC Part 15B Class A
VCCI Class A
EN 61000-6-4
EN 61000-3-2
EN 61000-3-3
EN 55022 Class A

EMS

EN 61000-6-2

- EN 61000-4-2 (ESD)
- EN 61000-4-3 (Radiated RFI)
- EN 61000-4-4 (Burst)
- EN 61000-4-5 (Surge)
- EN 61000-4-6 (Induced RFI)
- EN 61000-4-8 (Magnetic field)

Safety

UL 60950

UL 62368

Cybersecurity

IEC 62443-4-1

IEC 62443-4-2

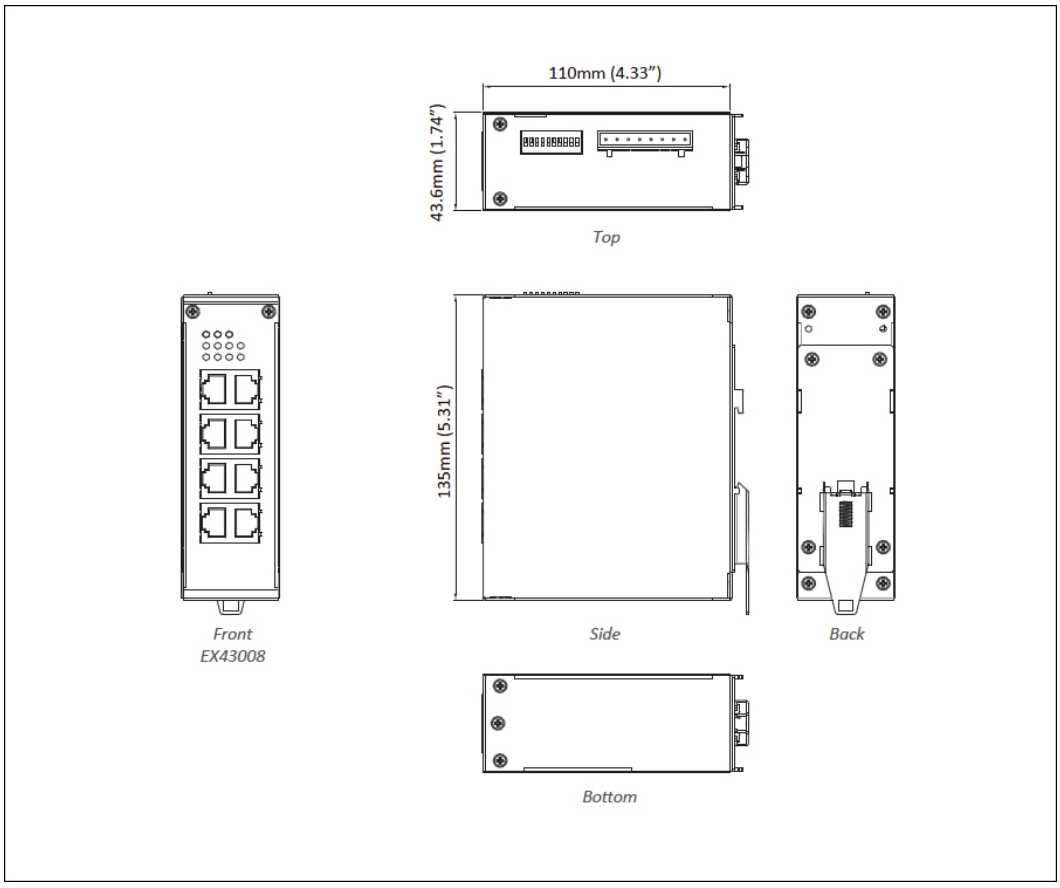
Environmental Test Compliance

IEC 60068-2-6 Fc (Vibration)

IEC 60068-2-27 Ea (Shock)

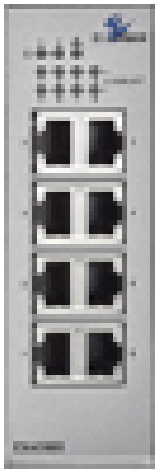
FED STD 101C Method 5007.1 (Free fall w/package)

產品尺寸圖


110mm (4.33")
43.6mm (1.74")
Top
135mm (5.31")
Front
EX43008
Side
Back
Bottom

訂購型號

Model



	EX43008-00-1-AA
10/100BASE T(X)	8
Network management	Unmanaged
	訂購諮詢

* DIN-Rail mounting kit included.

Optional Accessories

KP-AA96-480	Panel Mounting Kit
KR-BKEL900	Rack Mounting Kit
HDR-30-24	30W/1.5A DIN-Rail 24VDC Industrial Power Supply
HDR-60-24	60W/2.5A DIN-Rail 24VDC Industrial Power Supply
EDR-75-24	75W/3.2A DIN-Rail 24VDC Industrial Power Supply

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