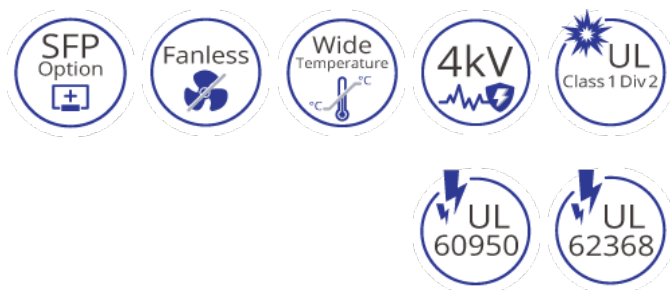


EX94000 系列

強固級非網管 4 - 8 埠 10/100BASE-TX +1-2 埠 100BASE-FX 乙太網路交換器



產品介紹

EX94000 系列為強固級非網管鋁軌式安裝機型，支援 12 到 48VDC 雙電源備援輸入，具備斷線或斷電告警機制。

EX94000 內建 8 個 10/100BASE 乙太網路連接埠或 RJ45 網路埠及 2 個 100BASE-FX 光纖埠，支援 10/100Mbps 傳輸速率，full/half-duplex auto-negotiation 和 auto MDI/MDIX 選擇，能彈性應用於多種解決方案，產品內建 4kV 突波保護設計功能，符合危險場域安全認證 (Class 1 Div.2)，避免終端設備因突波衝擊受到損害。

EX94000 支援 full wire speed Fast Ethernet throughput，QoS (Quality of Service)，IEEE 802.3az EEE (Energy Efficient Ethernet) 和廣播風暴防護(透過指剝開關設定)，並支援 IEEE 802.3x 自動協商功能、全雙工 / 半雙工流量控制、自動 MDI/MDI-X 跳線偵測、線性、無風扇設計。當電源故障或通訊中斷，繼電器會自動發出警報，協助快速診斷並排除異常。

EtherWAN — "When Connectivity is Crucial."

產品亮點

+ 強固等級設計

寬溫操作 (-40 到 75°C)

+ 廣播風暴防護

透過指撥開關設定廣播風暴防護，可彈性搭配工業應用環境

+ 光纖介面連接

最高支援 1 個 100BASE-FX 埠，彈性搭配 SC、ST、WDM 或 SFP 組合

+ 高突波防護設計

支援 4Kv 突波防護

符合危險場域安全認證 (Class 1 Div.2)

+ 高可靠性能

無風扇設計

全機體固定設計，無可活動零件

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 and 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

+ Interface

Ethernet Ports

10/100BASE-TX: 8, 6 or 4 ports

100BASE-FX: 0, 2 or 1 ports

LED Indicators

Per Unit: Power 1 (Green), Power 2 (Green), Fault (Red)

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

+ Environmental

Operating Temp.

-40 to 75°C (-40 to 167°F)

Tested @ -40 to 85°C (-40 to 185°F)

Storage Temp.

-40 to 85°C (-40 to 185°F)

Relative Humidity

5% to 95% (non-condensing)

+ Power

Input Voltage

12-48VDC (Terminal Block)

Power Consumption

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

Protection

Reverse Polarity Protection

+ Mechanical

Casing Material

Aluminum Case

IP Rating

IP30

Dimensions

50 x 110 x 135mm (W x D x H)
(1.97" x 4.33" x 5.31")

Weight

0.62Kg (1.37lbs)

Installation

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

+ Regulatory

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)

Signal ports: $\pm 4\text{kV}$ line-to-earth

DC power ports:

- $\pm 4\text{kV}$ line-to-earth

- $\pm 2\text{kV}$ line-to-line

- EN 61000-4-6 (Induced RFI)

- EN 61000-4-8 (Magnetic field)

Safety

UL 60950

UL 62368

Environmental Test Compliance

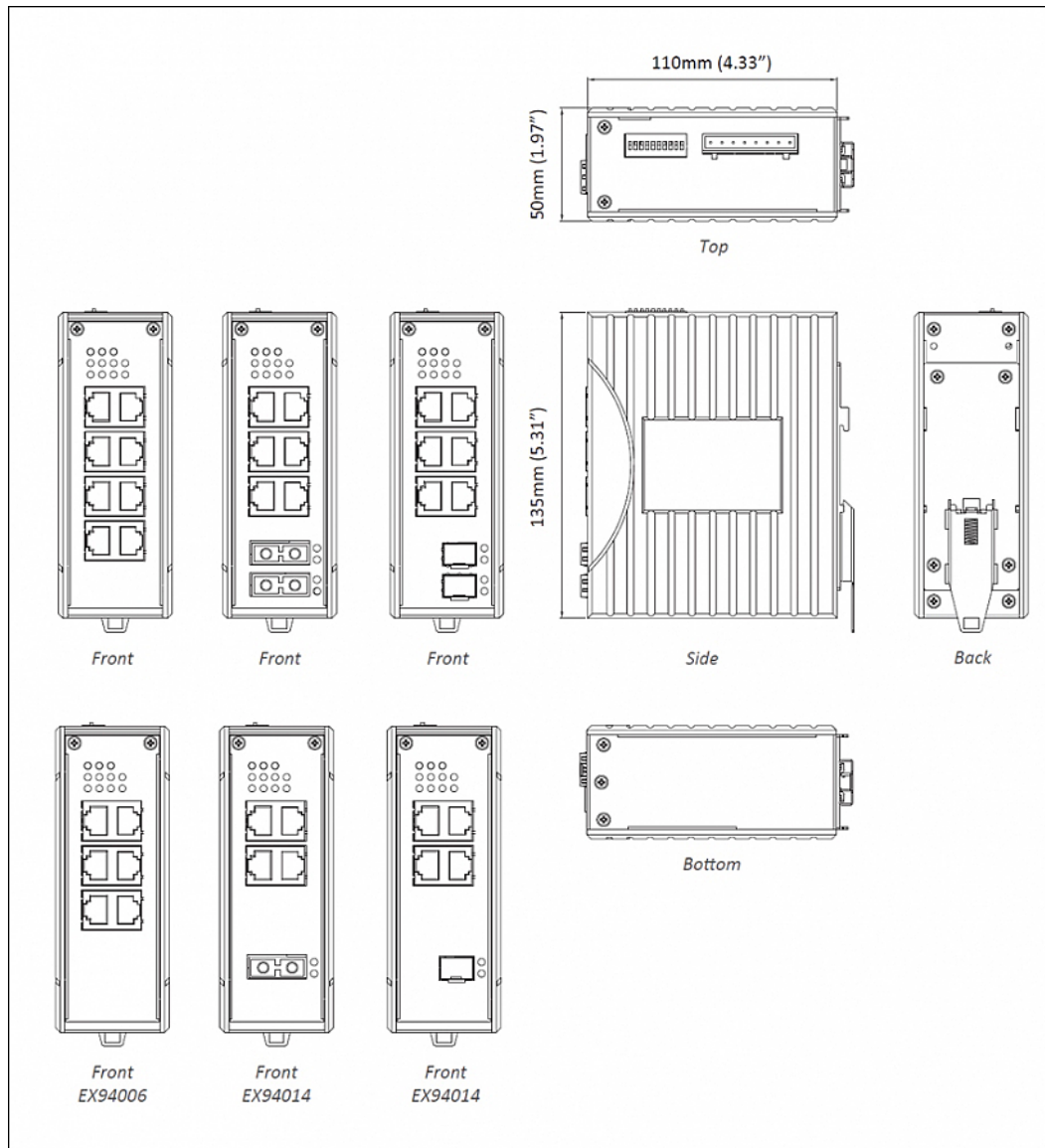
IEC 60068-2-6 Fc (Vibration)

IEC 60068-2-27 Ea (Shock)

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

- Tested with Cross Weight and Drop High standard table

產品尺寸圖



訂購型號

+ 型號

EX94008-00-1-AA	8-port 10/100BASE-TX Hardened Unmanaged Ethernet Switch
EX94006-00-1-AA	6-port 10/100BASE-TX Hardened Unmanaged Ethernet Switch
EX94026-XY-1-AA	6-port 10/100BASE-TX +2-port 100BASE-FX Hardened Unmanaged Ethernet Switch
EX94014-XY-1-AA	4-port 10/100BASE-TX +1-port 100BASE-FX Hardened Unmanaged Ethernet Switch

* DIN-Rail mounting kit included.

+ 100FX Fiber Options (XY)

1A	Multi Mode (SC) - 2Km
1B	Multi Mode (ST) - 2Km
2A	Single Mode (SC) - 20Km
2D	Single Mode (ST) - 20Km
2E	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
2G	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km
V	100BASE SFP

* More 100FX Fiber options also available upon request.

+ 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

