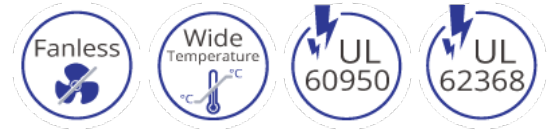


## EX42008 系列

強固級非網管 7-8埠10/100BASE-TX +1埠100BASE-FX 乙太網路交換器



### 產品介紹

EX42008系列為強固級非網管乙太網路交換器，支援12到48VDC雙電源備援輸入，並支援斷線或斷電告警機制。內建8個10/100BASE乙太網路連接埠或RJ45網路埠搭配1個100BASE-FX光纖埠之組合以支援長距離傳輸，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。

EX42008功能相當完整，支援full wire speed Fast Ethernet throughput、QoS (Quality of Service)、IEEE 802.3az EEE (Energy Efficient Ethernet)，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、無阻塞傳輸，無風扇設計。當電源故障或通訊中斷，可經由繼電器輸出警報，幫助現場人員快速診斷並排除異常。

EX42008系列專為嚴苛戶外環境設計打造，可在-40到75°C寬溫環境下穩定運作。

EtherWAN — "When Connectivity is Crucial."

### 產品亮點

#### + 強固等級設計

寬溫操作(-40到75°C)

#### + 光纖介面連接

最高支援1個100BASE-FX埠，彈性搭配SC、ST、WDM組合

#### + 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 IEEE802.3x full-duplex flow control  
Auto MDI/MDIX

#### Address Table Size

1K MAC addresses

### + Power

#### Input

12-48VDC (Terminal Block)

#### Power Consumption

2.47W@24VDC

#### Protection

Reverse Polarity Protection

### + Mechanical

#### Casing

Aluminum Case  
IP30

#### Dimensions

30 x 100 x 149mm (W x D x H)  
(1.18" x 4" x 5.96")

#### Weight

0.39Kg (0.841lbs)

#### Installation

DIN-Rail (Top hat type 35mm) mounting

### + Interface

#### Ethernet Ports

10/100BASE-TX: 8 or 7 ports  
100BASE-FX: 0 or 1 port

#### LED Indicators

Per Unit: Power1 (Green), Power2 (Green), Fault (Red)

Per Port: Link & Activity (Green)

#### DIP Switches

Enable/Disable Port fault alarm

#### Alarm Contact

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

### + Environment

#### Operating Temperature

-40 to 75°C (-40 to 167°F)

#### Storage Temperature

-40 to 85°C (-40 to 185°F)

#### Ambient Relative Humidity

5% to 95% (non-condensing)

### + Regulatory Approvals

#### ISO

Manufactured in an ISO 9001 facility

#### Safety

UL 60950

UL 62368

#### 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

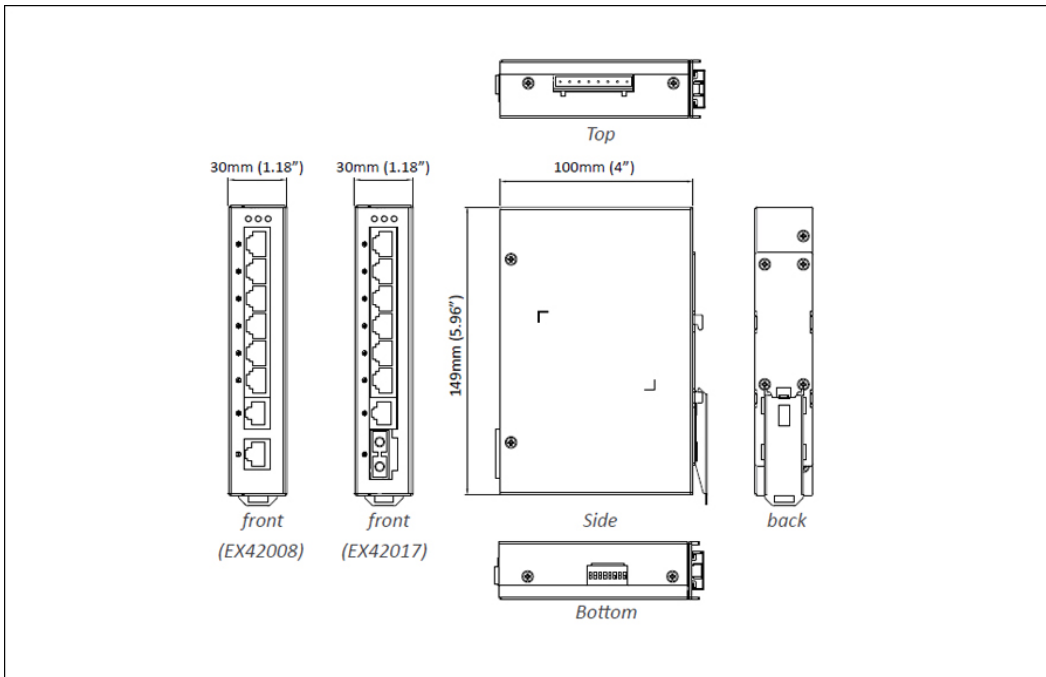
- EN 61000-4-2 (ESD Standards)
- EN 61000-4-3 (Radiated FRI Standards)
- EN 61000-4-4 (Burst Standards)
- EN 61000-4-5 (Surge Standards)
- EN 61000-4-6 (Induced RFI Standards)
- EN 61000-4-8 (Magnetic Field Standards)

#### Environmental Test Compliances

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

<b>EX42008</b>	8-port 10/100BASE-TX Hardened Unmanaged Ethernet Switch
<b>EX42017-XY</b>	7-port 10/100BASE-TX +1-port 100BASE-FX Hardened Unmanaged Ethernet Switch

\* DIN-Rail mounting kit included.

### 100FX Fiber Options (XY)

<b>1A</b>	Multi Mode (SC) - 2Km
<b>1B</b>	Multi Mode (ST) - 2Km
<b>2A</b>	Single Mode (SC) - 20Km

<b>2D</b>	Single Mode (ST) - 20Km
<b>2E</b>	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
<b>2G</b>	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km

\* More 100FX Fiber options also available upon request.

## Optional Accessories

<b>HDR-30-24</b>	30W/1.5A DIN-Rail 24VDC Industrial Power Supply
<b>HDR-60-24</b>	60W/2.5A DIN-Rail 24VDC Industrial Power Supply
<b>EDR-75-24</b>	75W/3.2A DIN-Rail 24VDC Industrial Power Supply

