

## EX41922 系列

強固級非網管 2埠10/100/1000BASE +2埠100/1000SFP 乙太網路交換器



### 產品介紹

EX41922系列為一款輕巧型強固級非網管Gigabit乙太網路交換器，配備2個10/100/1000Base RJ-45網路埠及2個100/1000Base SFP光纖埠可支援長距離傳輸，兩個傳輸SFP介面提供100或1000SFP兩種速率，可透過指撥鍵(DIP switch)設定。同時也支援daisy chain架構，若搭配益網科技網管型設備之架構，更可支援Alpha-chain網路備援協定。

EX41922支援10K Jumbo Frame support、full wire speed Gigabit throughput、QoS support，並符合eco-friendly IEEE 802.3az EEE (Energy Efficient Ethernet)標準。具備了強固級、高效能及節能等高性能，EX41922是網路延伸規劃中最具彈性且最可靠的解決方案。

EtherWAN — "When Connectivity is Crucial."

## 產品亮點

### 強固等級設計

- » 寬溫操作(-40 到75°C)
- » 雙備援電源輸入
- » 支援鋁軌式安裝

### 光纖介面連接

- » 最高可支援兩埠100/1000BASE SFP可搭配daisy chain或Alpha-chain之應用
- » 可透過DIP指撥器調整速率為100BASE或1000BASE

### 斷線告警

- » 透過指撥開關設定告警，當發生斷電或斷線情形將發出告警至使用者端

### 支援全Gigabit頻寬及Jumbo frame

- » Gigabit全線速傳輸，滿足高頻寬需求之應用
- » Jumbo frames最高可支援10K bytes以強化傳輸效能

## 產品規格

### 技術

#### 標準

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX/100BASE-FX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-SX/1000BASE-LX
- IEEE 802.1x, Full duplex flow control
- IEEE 802.1az Energy Efficient Ethernet

#### Forward and Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps
- 1,488,100pps for 1000Mbps

#### 緩衝記憶體封包

- 1MB

#### 傳輸型式

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

#### 巨大封包

10K bytes

#### MAC地址表

- 8K MAC addresses

#### Broadcast Storm Protection Threshold

- Limit 15,000 packets per second.
- 

### 電源

#### 輸入電壓

12~48VDC

## 電力功耗

- 3.2W Max. 0.26A@12VDC, 0.13A@24VDC, 0.06A@48VDC
- 

## 機構

### 機殼

- 金屬材質
- IP30

### 尺寸

- 36 x 90 x 100mm (W x D x H)  
(1.42" x 3.54" x 3.94")

### 重量

- 0.25Kg (0.55lb)

### 安裝方式

- DIN-Rail
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## 介面

### 乙太網路埠

- 10/100/1000BASE-T: 2 ports
- 100/1000BASE SFP: 2 ports

### LED 指示燈號

- Per Unit: Power 1 (Green), Power 2 (Green), Alarm (Red)
- Per Port: Link/Activity (Green)

### DIP Switches

- Enable/Disable Port fault alarm, SFP port on 100BASE.

### Alarm Contact

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

### 工作溫度

- -40 to 75°C (-40 to 167°F)

### 儲存溫度

- -40 to 85°C (-40 to 185°F)

### 工作濕度

- 5% to 95% (無凝結)
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## 通過認證

### ISO

- Manufactured in an ISO 9001 facility

### EMI

FCC Part 15B Class A

VCCI Class A

EN 61000-6-4

### 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

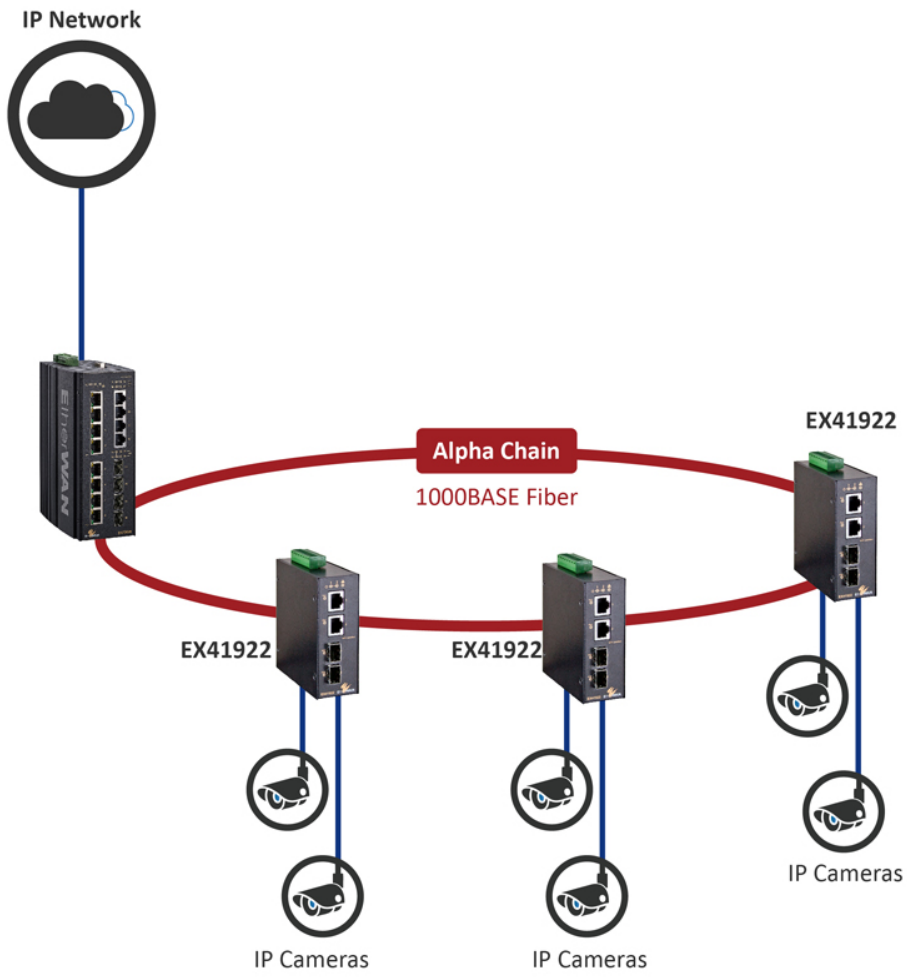
IEC 60068-2-6 Fc (Vibration)

IEC 60068-2-27 Ea (Shock)

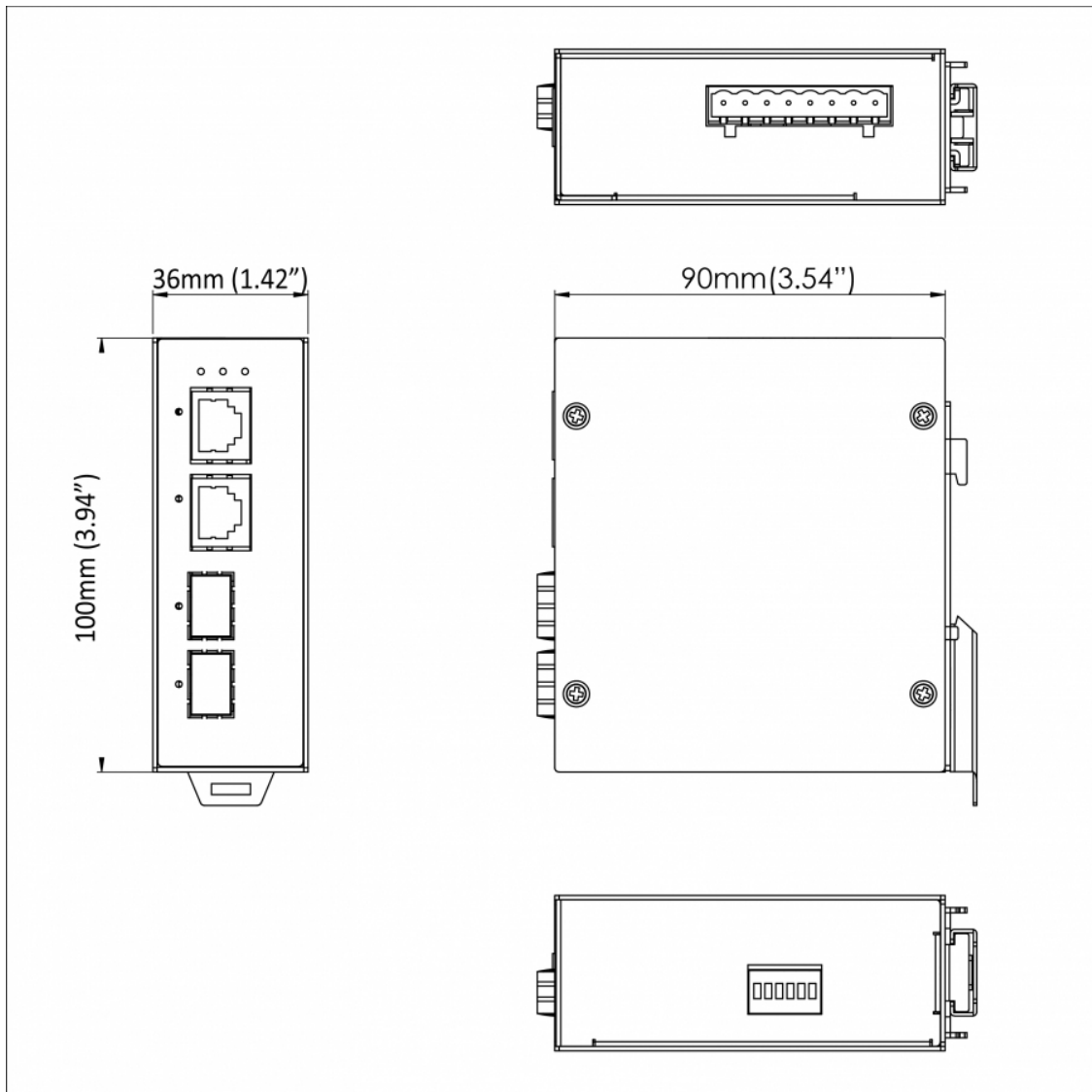
FED STD 101C Method 5007.1 (Free fall w/package)

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# 產品應用圖



## 產品尺寸圖



## 訂購型號

### 型號

EX41922	2-port 10/100/1000Base-T +2-port 100/1000 SFP Hardened Unmanaged Ethernet Switch
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\* DIN-Rail mounting kit included.



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