

# EL2242

強固級 PoE 10/100/1000BASE-T- 100/1000BASE Dual Rate 光電轉換器

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## 產品介紹

EL2242系列具備1個10/100/1000BASE-T(X)搭配1個100/1000BASE SFP光纖埠。透過指撥式開關可彈性選擇Link-Fault-Pass-Through (LFPT)功能是否開啟。支援IEEE 802.3at PoE/PSE供電標準，透過RJ45同時傳輸電力和資料，最高可支援30W。EL2242系列專為工業環境設計打造，工業等級設計可承受強力的落摔衝擊、防震動及抗電磁波干擾，同時可在-45到75°C環境下穩定運作，於嚴苛的專案規劃佈局中扮演致勝的關鍵角色。

EtherWAN — "When Connectivity is Crucial."

## 產品亮點

### + PoE以太網路供電

支援IEEE 802.3at PoE/PSE供電標準

### + 光纖埠支援Dual Rate

SFP光纖埠支援100/1000BASE-X

### + 強固等級設計

寬溫操作(-40到75°C)

### + Support

## 產品規格

### + 介面

#### 乙太網路埠

10/100/1000BASE-TX: 1 port

100/1000BASE-SFP: 1 port

#### LED 指示燈號

Per Unit: Power 1, Power 2, Alarm

Per 10/100/1000BASE-TX Port: 1000, 10/100,

Link/Activity

Per 100/1000BASE-FX Port: 1000, 100,

Link/Activity

PoE: On/Off

LFPT: On/Off

### + 技術

#### 標準

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX

IEEE 802.3z 1000BASE-SX/1000BASE-LX

IEEE 802.3ab 1000BASE-T

IEEE 802.3at PoE

IEEE 802.3af PoE

#### Forward and Filtering Rate

14,880pps for 10Mbps

148,810pps for 100Mbps

1,488,100pps for 1000Mbps

#### Packet Buffer Memory

256K bits

#### 傳輸型式

Cut-through mode

Half-duplex back-pressure and IEEE 802.3x full-

duplex flow control  
Auto-negotiation  
Auto MDI/MDIX

## + 電源

### 輸入電壓

48-57VDC for unit and PoE system (50-57VDC is recommend for PoE+ device)

### 電力功耗

4.56W max. 0.38A@12VDC, 0.07A@48VDC

### 保護

Over Current Protection  
Reverse Polarity Protection

## + 機構

### 機殼

Aluminum

### 尺寸

42 x 90 x 100mm (W x D x H)  
1.65" x 3.54" x 3.94"

### 重量

0.38kg (0.83lbs)

### 安裝方式

DIN-rail mounting (Top hat type 35mm)

## + 環境

### 工作溫度

-40 to 75°C (-40 to 167°F)

### 儲存溫度

-45 to 85°C (-49 to 185°F)

### 工作濕度

5% to 95% (無凝結)

## + 通過認證

### ISO

Manufactured in ISO-9001 facility

### EMI

FCC Part 15B Class A

VCCI Class A

EN 61000-6-4

EN 61000-3-3

EN 61000-3-2

### 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 60950-1

EN 60950-1

IEC 60950-1

### Vibration

IEC 60068-2-6 Fc

### Shock

IEC 60068-2-27 Ea

Free Fall w/ Package

FED STD 101C Method 5007.1

## + 保固

Length

Limited Lifetime

Details

[www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

## + What's Included

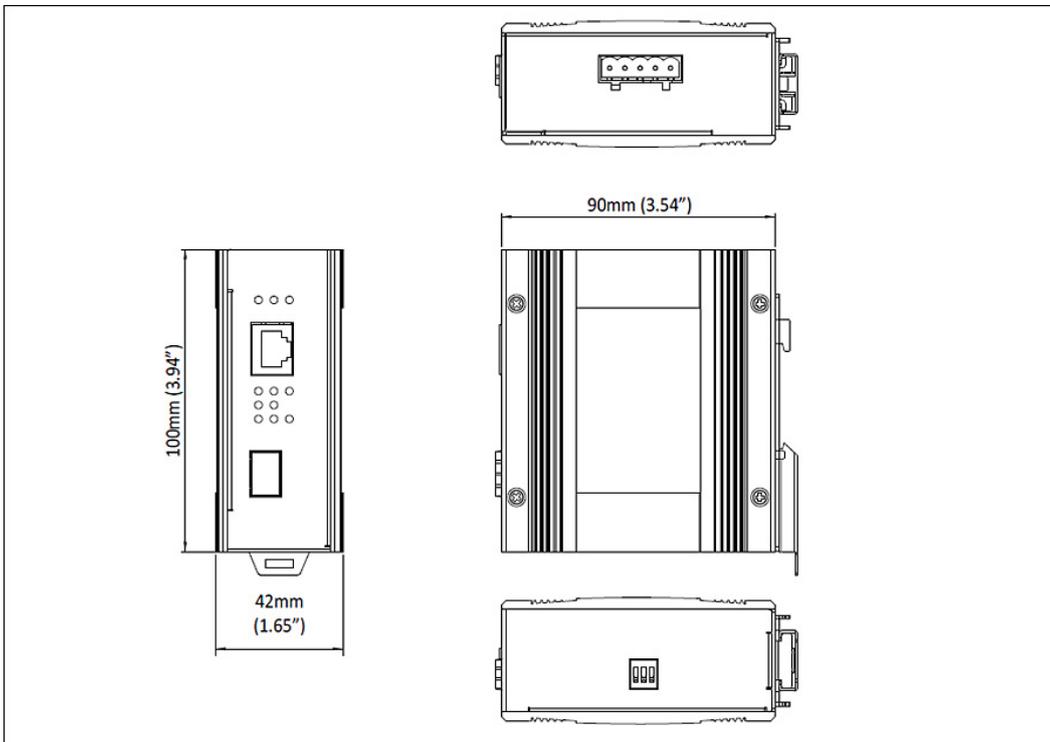
Device

Media Converter

Documentation

Quick Install Guide

## 產品尺寸圖



## 訂購型號

### + 型號

**EL2242-X1B** 10/100/1000BASE-T to 100/1000BASE Dual Rate Hardened PoE Media Converter

\* DIN-Rail mounting kit included.

### + 1000BASE-X Fiber Options (X)

V 100/1000BASE-X SFP

### + Optional Accessories

**EDR-75-48** 75W/1.6A DIN-Rail 48VDC Industrial Power Supply

### + Accessories

DIN-Rail Power Supplies [www.etherwan.com/products/din-rail-power-supply](http://www.etherwan.com/products/din-rail-power-supply)



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