

EL2242

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



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乙太網路供電

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)

+ 保固服務

提供免費技術支援
提供免費韌體升級服務

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

+ 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)

+ 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

+ 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

+ 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)

+ 保固

Length

Limited Lifetime

Details

www.etherwan.com/support/warranty-policy

+ What's Included

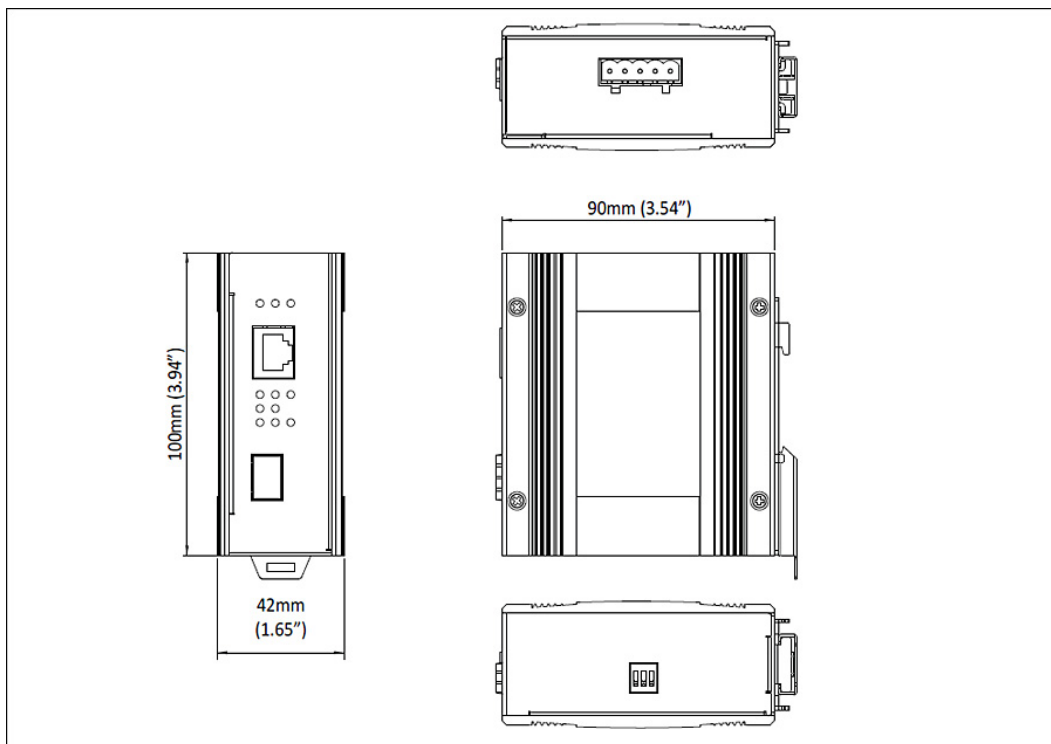
Device

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
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* DIN-Rail mounting kit included.

+ 1000BASE-X Fiber Options (X)

V	100/1000BASE-X SFP
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+ Optional Accessories

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

DIN-Rail Power Supplies	www.etherwan.com/products/din-rail-power-supply
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