

EL1032T 系列

工業級 10/100BASE-TX- 100BASE-FX 光電轉換器 (PoE/PSE)



產品介紹

EL1032T光電轉換器具備1個10/100BASE-RJ45乙太網路連接埠搭配1個100BASE-FX光纖埠。透過指撥式開關可彈性選擇 Link-Fault-Pass-Through (LFPT)功能，符合IEEE 802.3at供電標準，透過RJ45同時傳輸電力和資料，最高可支援30W。

EL1032T系列專為工業環境設計打造，可在-10到60°C環境下穩定運作，產品支援鋁軌式、平面式或機架式安裝，可充分滿足各種工業環境上的應用需求。

EtherWAN — "When Connectivity is Crucial."

產品亮點

+ PoE連接

支援IEEE 802.3at PoE/PSE供電標準，符合IEEE 802.3af PoE/PSE標準

+ 雙電源輸入

支援Terminal block and DC jack兩種電源輸入選擇

+ 工業等級設計

可在操作溫度-10到60°C戶外機櫃安裝環境穩定運作

產品規格

+ 技術

標準

IEEE 802.3 10BASE-T
IEEE 802.3u 100BASE-TX/FX
IEEE 802.3af/at PoE/PSE

Forward and Filtering Rate

14,880pps for 10Mbps
148,810pps for 100Mbps

緩衝記憶體封包

228KB

傳輸型式

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

+ 電源

輸入電壓

48-57VDC

電力功耗

Device: Max. 3.6W (without PoE)
PoE Power Budget: 30W Max. (depends on power input)

PoE Power Output

IEEE 802.3at: up to 30W/port, 50-57VDC, 500mA Max.

Protection

過電流保護
反極性保護

+ 機構

機殼

Aluminum Case

尺寸

70 x 110 x 30mm (W x D x H)
(2.76" x 4.33" x 1.18")

重量

0.25Kg (0.55lb.)

安裝方式

DIN-Rail (top hat type 35mm), Panel, or Wall mounting

+ 介面

乙太網路埠

10/100BASE-TX: 1 port
100BASE-FX: 1 port

LED 指示燈號

Per Unit: Power
Per 10/100TX Port: Link/Activity, full-duplex/collision
Per 100FX Port: Link/Activity
PoE: PD connect/PD disconnect

+ 環境

工作溫度

-10 to 60°C (14 to 140°F)
Tested @ -20 to 70°C (-4 to 158°F)

儲存溫度

-40 to 85°C (-40 to 185°F)

工作濕度

5% to 95% (無凝結)

+ 通過認證

ISO

Manufactured in an ISO 9001 facility

EMI

FCC Part 15B Class A
EN 61000-6-4
EN 55022

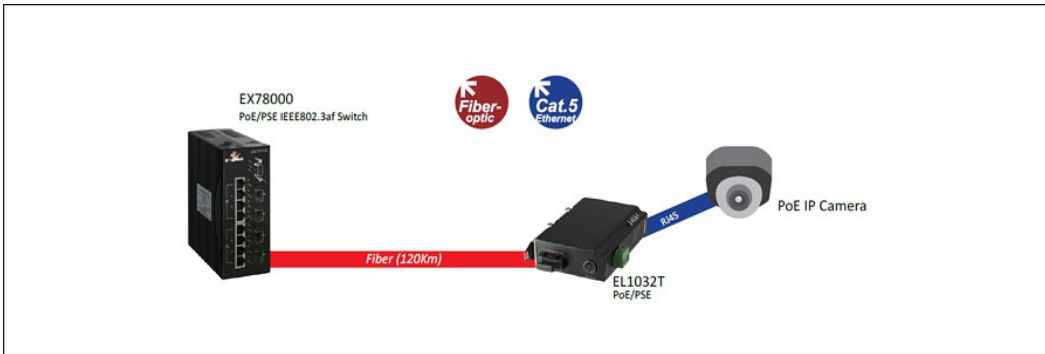
EMS

EN 61000-6-2
EN 61000-4-2 (ESD Standards)
EN 61000-4-3 (Radiated RFI 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)

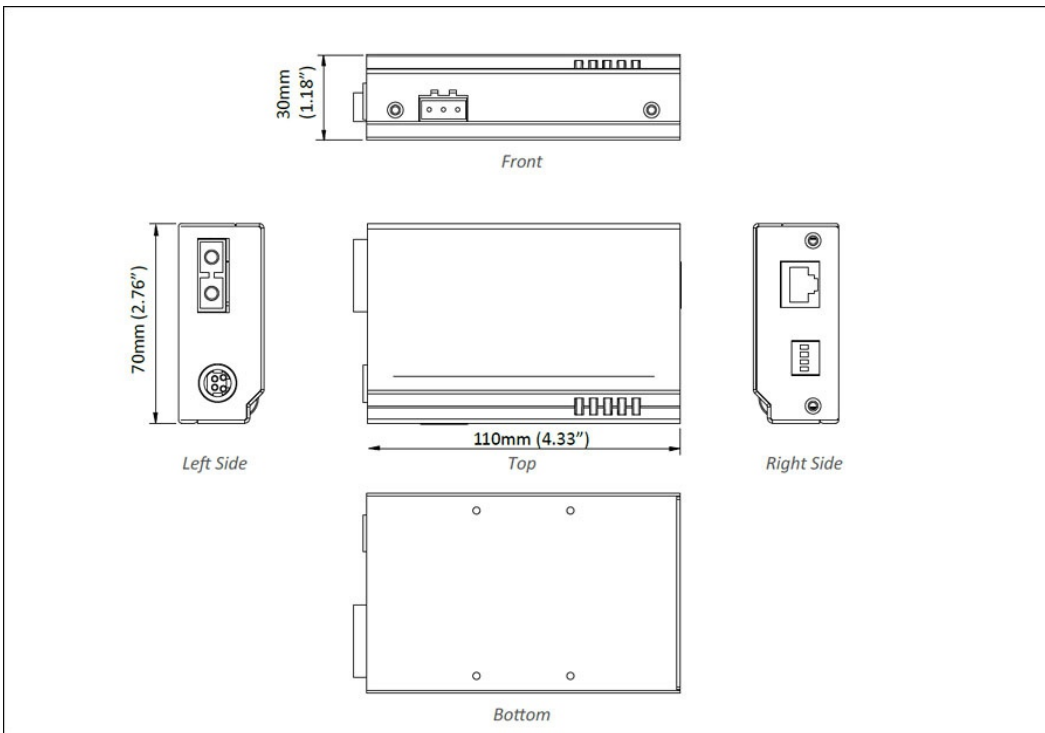
Environmental Test Compliance

IEC 60068-2-6 Fc (Vibration Resistance)
IEC 60068-2-27 Ea (Shock)
FED STD 101C Method5007.1 (Free fall w/package)

產品應用圖



產品尺寸圖



訂購型號

+ 型號

EL1032T-X0B	10/100BASE-TX to 100BASE-FX Industrial Media Converter with IEEE 802.3af 15.4W and IEEE 802.3at 30W PoE/PSE
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* DIN-Rail mounting kit included.

+ 100FX Fiber Options (X)

- | | |
|---|---|
| 1 | Multi Mode (SC) |
| 2 | Multi Mode (ST) |
| A | Single Mode (SC) - 20Km (1310nm) |
| B | Single Mode (SC) - 40Km (1310nm) |
| H | Single Mode (ST) - 20Km (1310nm) |
| 6 | Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-2Km |
| 7 | Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-2Km |
| 8 | Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-5Km |
| 9 | Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-5Km |
| P | Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km |
| Q | Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km |
| R | Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-40Km |
| S | Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-40Km |

* More 100FX Fiber options also available upon request.

+ Optional Accessories

EDR-75-48	75W/1.6A DIN-Rail 48VDC Industrial Power Supply
EXGS-120A-48	Power Supply 120W 48VDC with Latch

