

## EL1032T 系列

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



### 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

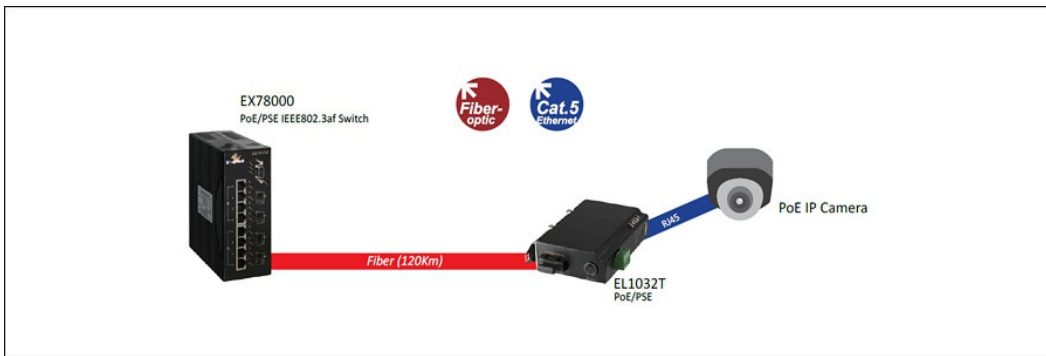
#### EMS

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)

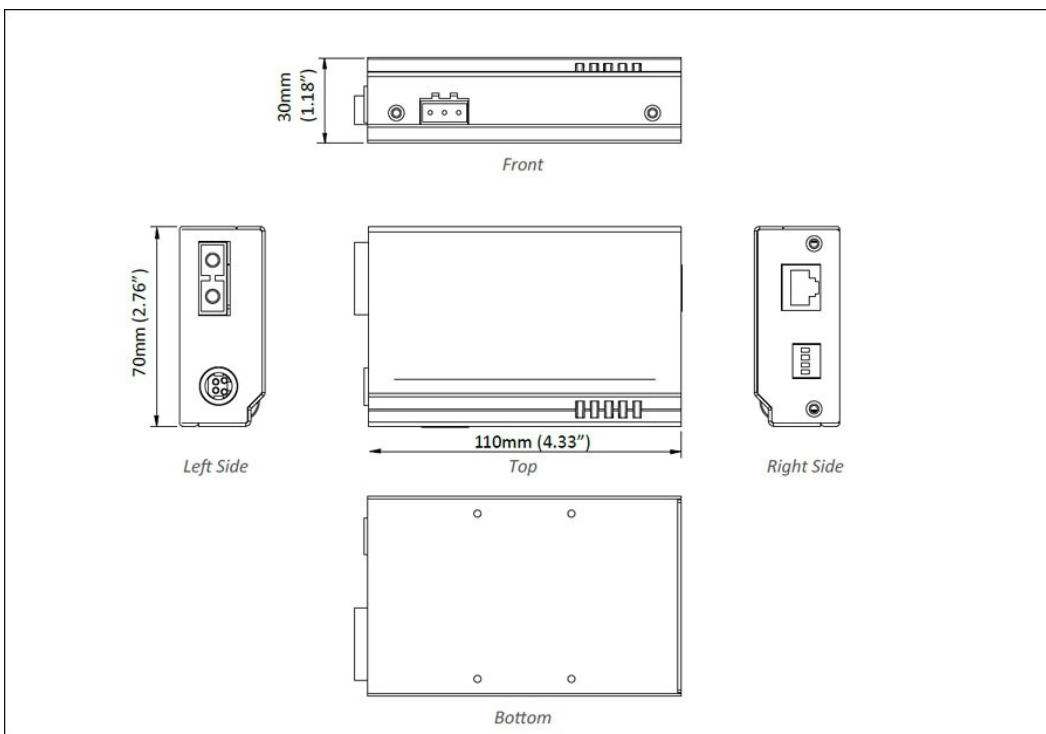
#### Environmental Test Compliance

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

