

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
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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
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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
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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
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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)
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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)

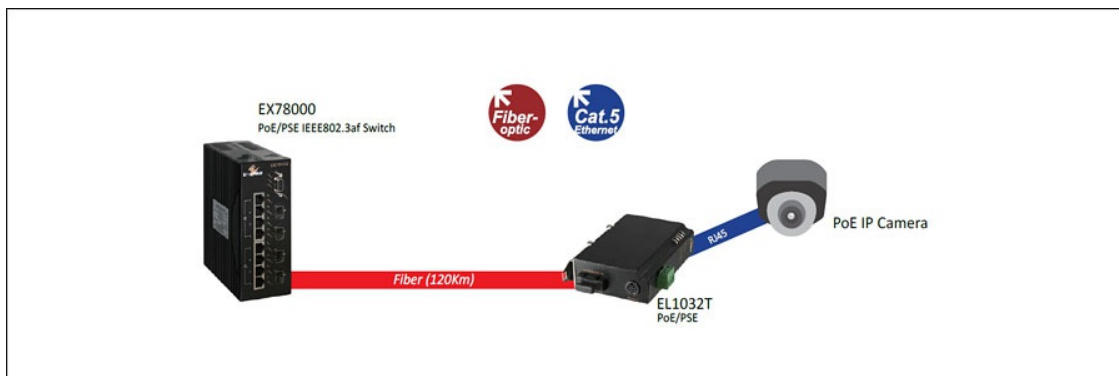
Environmental Test Compliance

IEC 60068-2-6 Fc (Vibration Resistance)

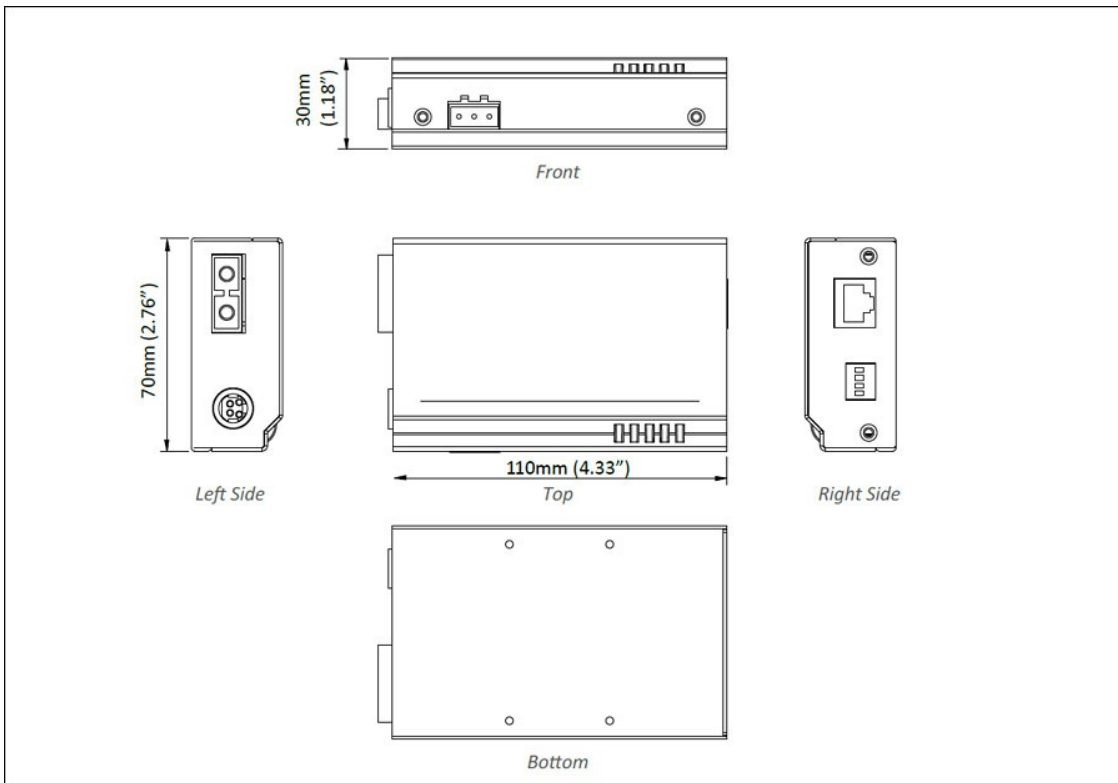
IEC 60068-2-27 Ea (Shock)

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



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