EL1032T 系列

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



產品介紹

本產品自2026年3月27日起停產。 請點選 此處 尋找替代產品。

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)

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)

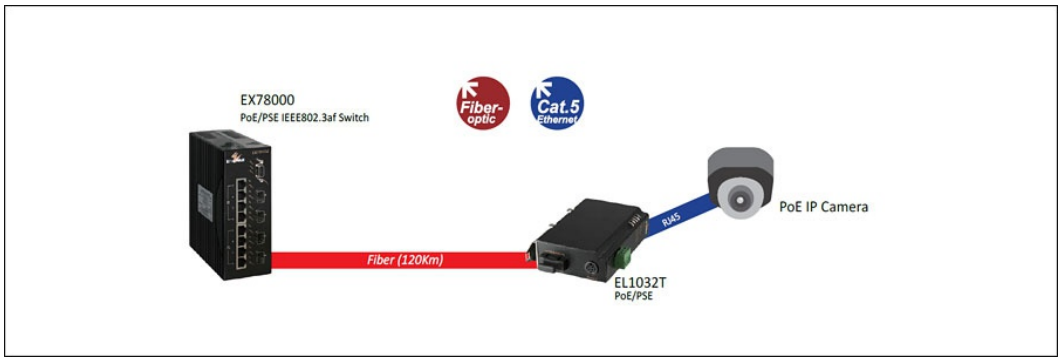
EN 61000-4-5 (Surge Standards)

EN 61000-4-6 (Induced RFI Standards)

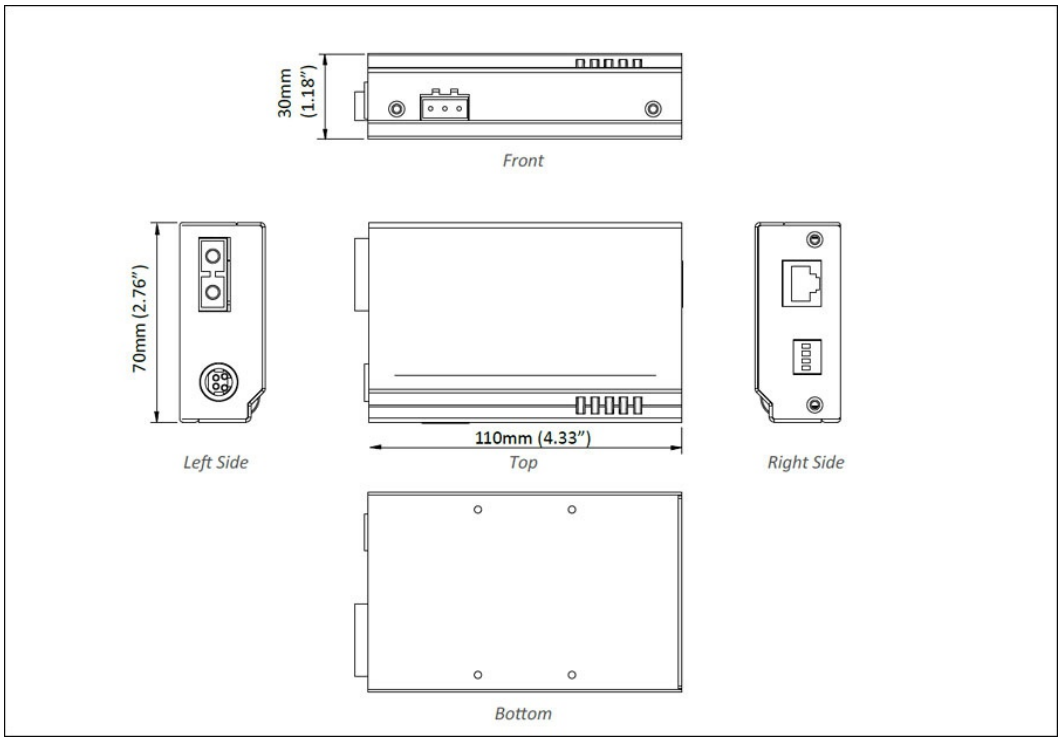
EN 61000-4-8 (Magnetic Field Standards)

Environmental Test Compliance

產品應用圖


EX78000
PoE/PSE IEEE802.3af Switch
Fiber-optic
Cat.5 Ethernet
Fiber (120Km)
RJ45
PoE IP Camera
EL1032T
PoE/PSE

產品尺寸圖


30mm (1.18")
Front
70mm (2.76")
Left Side
110mm (4.33")
Top
Right Side
Bottom

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

* 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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