EL100 系列

10/100BASE-TX-100BASE-FX 光電轉換器



產品介紹

EL100系列以1個10/100BASE-RJ45乙太網路連接埠搭配1個100BASE-FX光纖埠。支援熱插拔功能並可透過指撥式開關可彈性選擇Link-Fault-Pass-Through (LFPT)功能是否開啟。EL100系列專為SC或ST光纖應用解決方案所設計之光電轉換器，可搭配EtherWAN EMC1600收容式機箱/EMC400收容式機箱，適用於各種室內解決方案。

EtherWAN — "When Connectivity is Crucial."

產品亮點

SC或ST接頭光電轉換器

支援多模、單模光纖規格，彈性搭配SC或ST光纖接頭

指撥開關設定

資料傳輸方式為Store-and-forward mode或者Converter mode，使用者可自行選用(出廠預設值為Store-and-forward mode)

是否啟動Link-fault-pass-through功能

是否啟動Ethernet埠Full-duplex或Half-duplex功能

是否啟動光纖埠Full-duplex或Half-duplex功能

支援Link-Fault-Pass-Through (LFPT)

針對光電轉換器連線狀態提供持續的監控

當連線的其中一端光纖中斷訊，LFPT會中斷乙太網路(RJ-45)埠之連線，以告知連線之設備網路連線已中斷

產品規格

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 Port: 10/100TX: Link/Activity, Full duplex/Collision, Speed

Per Port 100FX: Link/Activity, Full duplex/Collision

技術

標準

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX/FX

IEEE 802.3x Full duplex and flow control

Forward/Filtering Rate

14,880pps for 10Mbps

148,810pps for 100Mbps

緩衝記憶體封包

128K bits

傳輸型式

Converter mode

Store-and-Forward mode

Half-duplex back-pressure and IEEE 802.3x full-duplex flow control

Auto MDI/MDIX

環境

工作溫度

0 to 45°C (32 to 113°F)

儲存溫度

-10 to 70°C (-14 to 158°F)

工作濕度

5% to 95% (無凝結)

通過認證

ISO

Manufactured in ISO-9001 facility

Safety

UL 62368-1

Emission Compliance

CE Mark Class A

FCC Part 15B Class A

VCCI Class A

保固

Length

Limited Lifetime

Details

www.etherwan.com/support/warranty-policy

電源

輸入電壓

12VDC

電力功耗

1.92W max. 0.16A@12VDC

機構

機殼

Aluminum

尺寸

80.3 x 109.2 x 23.8mm (W x D x H)
3.16" x 4.30" x 0.94"

重量

0.15kg (0.33lbs)

安裝方式

Wall mounting, or in EMC1600 Chassis System

What's Included

Device

Media Converter

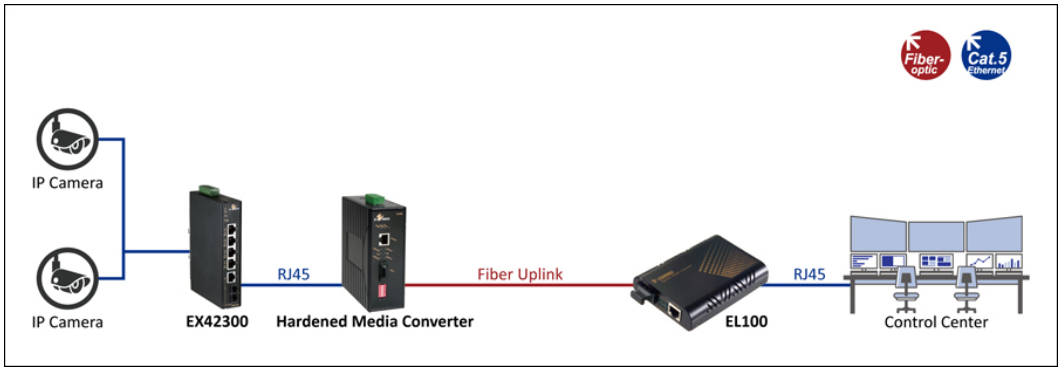
Power

12VDC Power Adapter

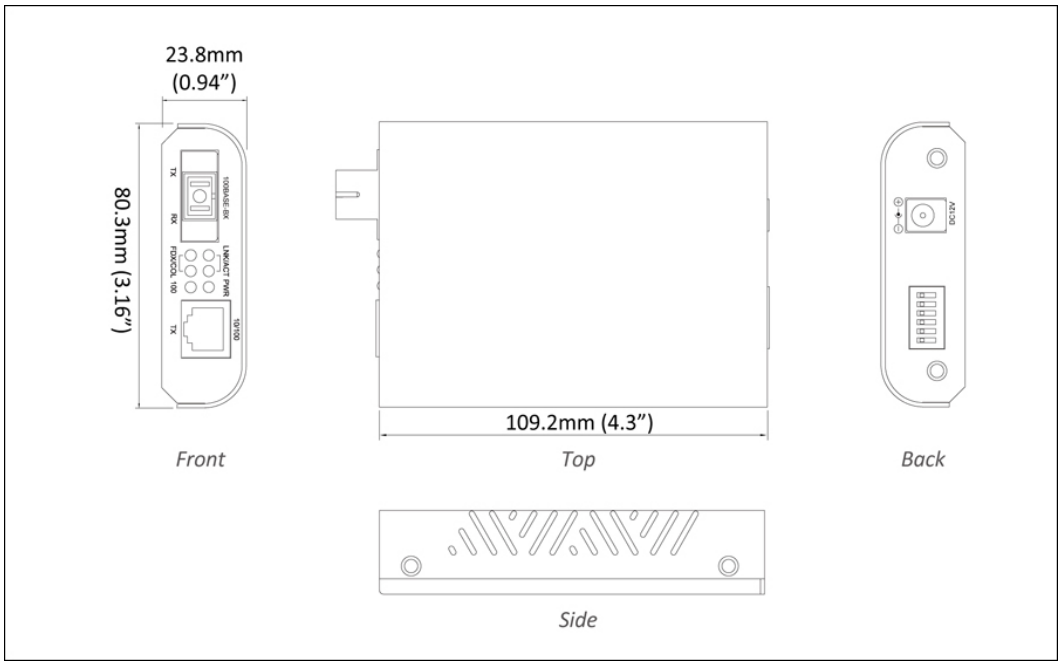
Documentation

Quick Install Guide

產品應用圖



產品尺寸圖



訂購型號

型號

	EL100C	EL100L	EL100T	EL100C-20	EL100L-20	EL100T-20	EL100C-40
10/100BASE T(X)	1	1	1	1	1	1	1
100BASE-FX	1	1	1	1	1	1	1
Fiber Type	Multi Mode	Multi Mode	Multi Mode	Single Mode	Single Mode	Single Mode	Single Mode
Connector	SC	SFF Dual LC	ST	SC	SFF Dual LC	ST	SC
Distance	2Km	2Km	2Km	20Km	20Km	20Km	40Km
Wavelength	1310nm	1310nm	1310nm	1310nm	1310nm	1310nm	1310nm
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* EMC1600, proprietary 19" chassis system, can house up to 16 x EL100 Series Converters
* EMC1600 Chassis System is available separately.
* More 100FX fiber options are also available upon request.

Accessories

Multiple Channel Chassis	www.etherwan.com/products/media-converters/multiple-channel-media-converters

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