

## 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

### + 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

### + 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](http://www.etherwan.com/support/warranty-policy)

### + What's Included

Device

Media Converter

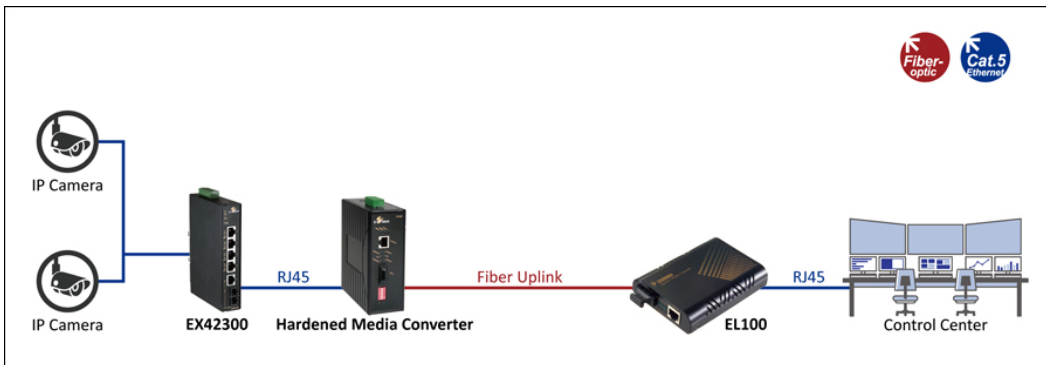
Power

12VDC Power Adapter

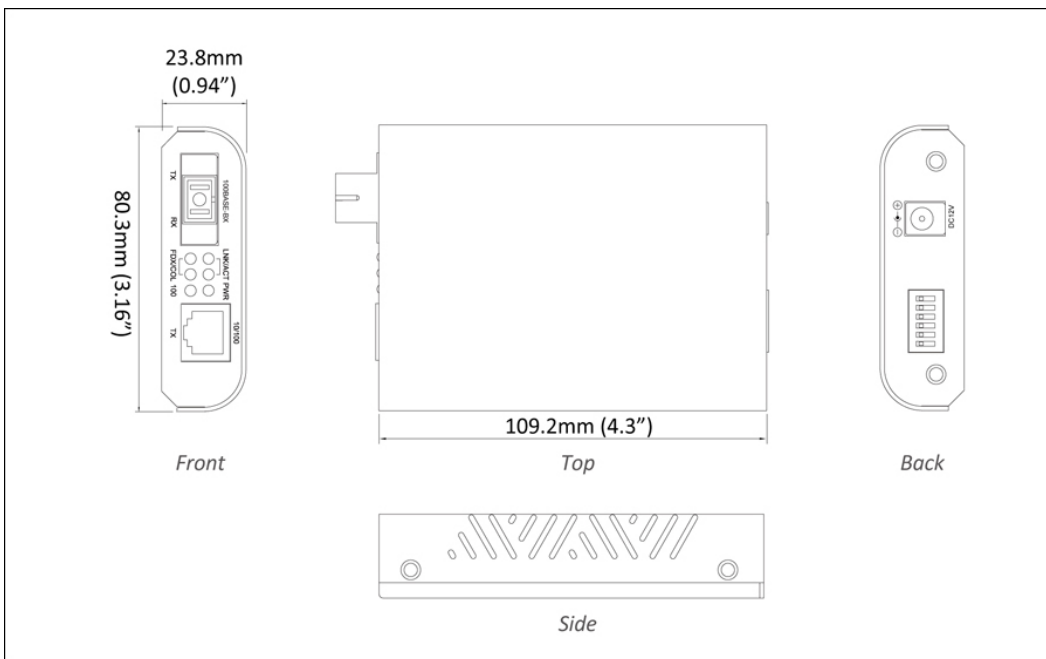
Documentation

Quick Install Guide

## 產品應用圖



## 產品尺寸圖



## 訂購型號

### + 型號

EL100C	10/100BASE-TX to 100BASE-FX Multi Mode (SC) 2Km Media Converter (1310nm, 62.5/125 and 50/125mm)
EL100L	10/100BASE-TX to 100BASE-FX Multi Mode (SFF Dual LC) 2Km Media Converter (1310nm)
EL100T	10/100BASE-TX to 100BASE-FX Multi Mode (ST) 2Km Media Converter (1310nm, 62.5/125 and 50/125mm)
EL100C-20	10/100BASE-TX to 100BASE-FX Single Mode (SC) - 20Km Media Converter (1310nm)
EL100L-20	10/100BASE-TX to 100BASE-FX Single Mode (SFF Dual LC) - 20Km Media Converter (1310nm)
EL100T-20	10/100BASE-TX to 100BASE-FX Single Mode (ST) - 20Km Media Converter (1310nm)
EL100C-40	10/100BASE-TX to 100BASE-FX Single Mode (SC) - 40Km Media Converter (1310nm)

\* 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](http://www.etherwan.com/products/media-converters/multiple-channel-media-converters)

