

# EM120 系列

100BASE-FX 多模/單模-100BASE-FX 單模光電轉換器



## 產品介紹

EM120系列為100BASE-FX光纖轉100BASE-FX光纖光電轉換器，支援熱插拔功能。EM120系列專為SC、ST或WDM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

### + 簡易安裝方式

隨插即用無須設定，並支援Store-and-Forward資料傳輸

### + 光纖轉光纖之光電轉換器

支援多模、單模光纖規格  
支援SC/ST/WDM光纖接頭

### + 可選擇搭配機箱系統

可支援壁上安裝或EtherWAN EMC1600 chassis收容式機箱安裝並支援雙備援電源輸入  
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

### + 技術

#### 標準

IEEE 802.3u 100BASE-TX/FX

#### Forward and Filtering Rate

148,810pps for 100Mbps

### + 電源

#### 輸入電壓

12VDC

#### 電力功耗

2.76W Max. 0.23A@12VDC

### + 機構

#### 機殼

Aluminum Case

#### 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

150g (0.33lb.)

#### 安裝方式

Wall mounting or use with EMC1600 media converter chassis system

### + 介面

#### 乙太網路埠

100BASE-FX: 2 ports

#### LED 指示燈號

Per Unit: Power Status (Power), Link

### + 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% (non-condensing)

### + 通過認證

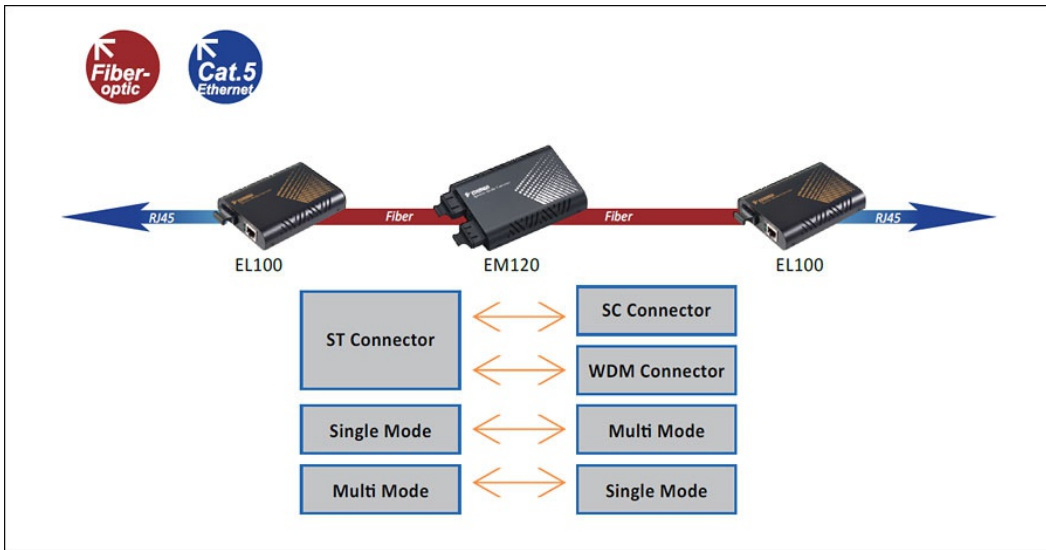
ISO

Manufactured in an ISO 9001 facility

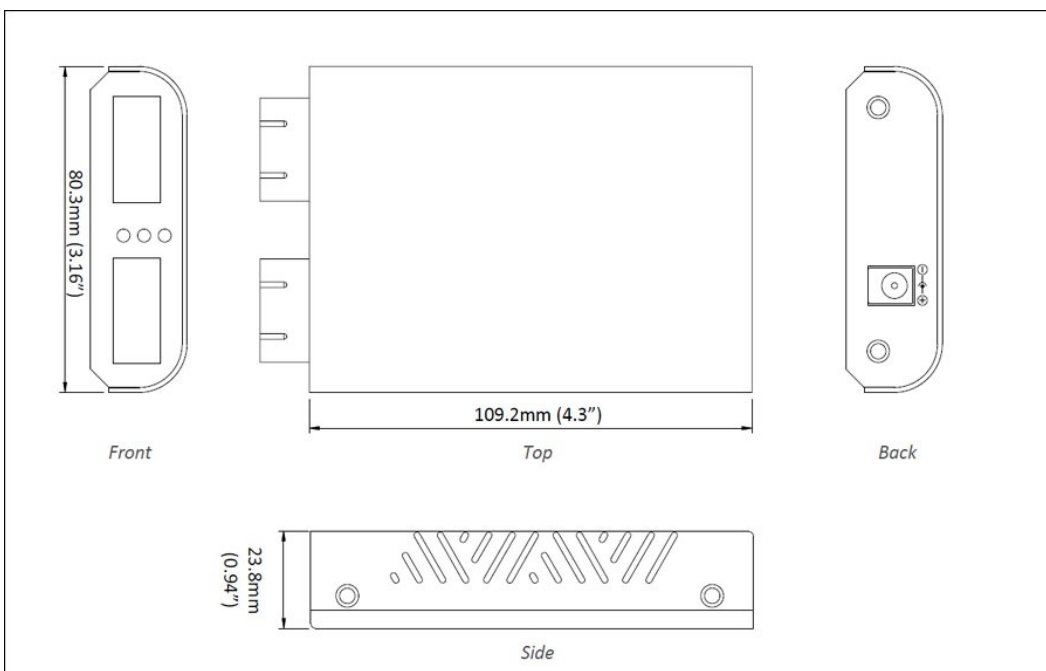
**Emission Compliances**

CE Mark Class A  
FCC Part 15B Class A

**產品應用圖**



**產品尺寸圖**



## 訂購型號

### + 型號

EM120MCC-15	100BASE-FX MultiMode (SC) to 100BASE-FX Single Mode (SC) - 15Km Media Converter (1310nm)
EM120MCC-40	100BASE-FX MultiMode (SC) to 100BASE-FX Single Mode (SC) - 40Km Media Converter (1310nm)
EM120MTC-40	100BASE-FX MultiMode (ST) to 100BASE-FX Single Mode (SC) - 40Km Media Converter (1310nm)
EM120MCT-20	100BASE-FX MultiMode (SC) to 100BASE-FX Single Mode (ST) - 20Km Media Converter (1310nm)
EM120MTT-20	100BASE-FX MultiMode (ST) to 100BASE-FX Single Mode (ST) - 20Km Media Converter (1310nm)
EM120MCCA-20	100BASE-BX MultiMode (SC) to 100BASE-FX Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km Media Converter
EM120MCCB-20	100BASE-BX MultiMode (SC) to 100BASE-FX Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km Media Converter
EM120MTCA-20	100BASE-BX MultiMode (ST) to 100BASE-FX Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km Media Converter
EM120MTCB-20	100BASE-BX MultiMode (ST) to 100BASE-FX Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km Media Converter

#### Notes:

- \* Single Mode to Single Mode version converters are also available.
- \* EMC1600, proprietary 19" chassis system, can house up to 16 x EM120 Series Converters.
- \* EMC1600 Chassis System is available separately.
- \* More 100FX fiber options are also available upon request.

