

## EL200 系列

10/100BASE-TX-100BASE-BX WDM 光電轉換器



### 產品介紹

EL200系列具備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。EL200系列專為WDM光纖應用解決方案所設計，可安裝於EtherWAN EMC1600/EMC400收容式機箱，最多可擴充達16組，適用於各種室內解決方案。

EtherWAN — "When Connectivity is Crucial."

### 產品亮點

#### + WDM接頭光電轉換器

支援多模、單模光纖規格，搭配WDM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

傳輸型式  
Converter mode  
Store-and-Forward  
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)

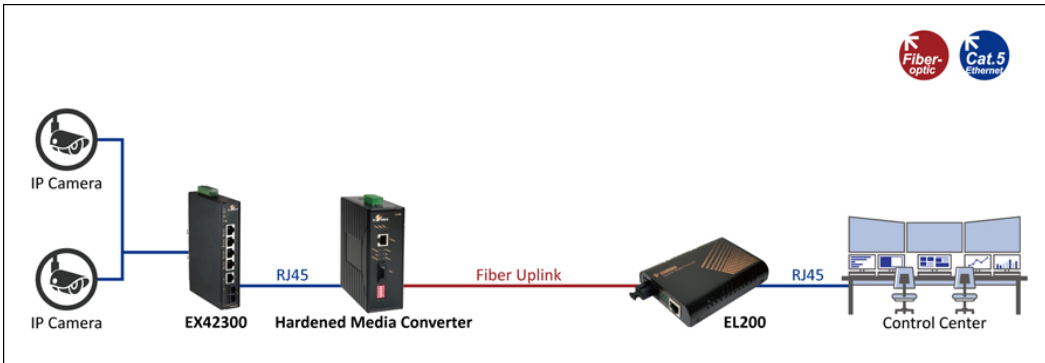
### + What's Included

Device  
Media Converter

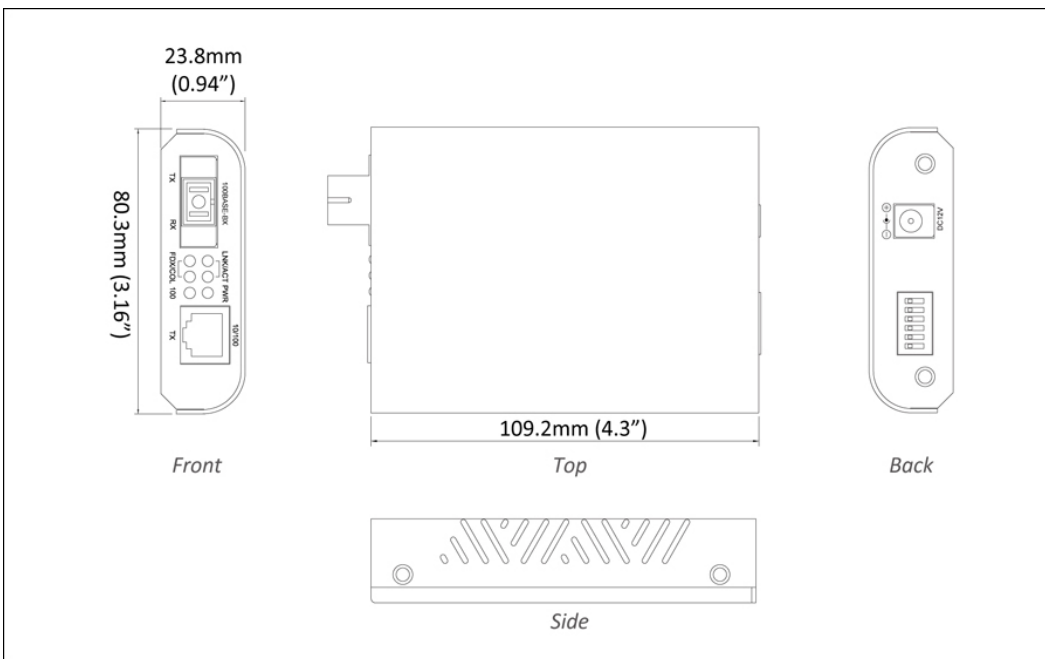
Power  
12VDC Power Adapter

Documentation  
Quick Install Guide

## 產品應用圖



## 產品尺寸圖



## 訂購型號

### + 型號

EL200CA-2	10/100BASE-TX to 100BASE-BX Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-2Km Media Converter
EL200CB-2	10/100BASE-TX to 100BASE-BX Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-2Km Media Converter
EL200CA-5	10/100BASE-TX to 100BASE-BX Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-5Km Media Converter
EL200CB-5	10/100BASE-TX to 100BASE-BX Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-5Km Media Converter
EL200CA-20	10/100BASE-TX to 100BASE-BX Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km Media Converter
EL200CB-20	10/100BASE-TX to 100BASE-BX Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km Media Converter
EL200CA-40	10/100BASE-TX to 100BASE-BX Single Mode (SC) WDM - TX: 1310nm/RX: 1550nm-40Km Media Converter
EL200CB-40	10/100BASE-TX to 100BASE-BX Single Mode (SC) WDM - TX: 1550nm/RX: 1310nm-40Km Media Converter

\* EMC1600, proprietary 19" chassis system, can house up to 16 x EL200 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)

