

## EX48000 系列

強固級簡易網管型 5埠10/100BASE PoE (4 x PoE) 乙太網路交換器



### 產品介紹

EX48000系列具備4個10/100BASE PoE乙太網路連接埠及1個100BASE-FX固定式光纖埠，可彈性搭配SC/ST/WDM規格，採強固等級設計，符合IEEE 802.3af+ 供電標準，每埠最高可達30W，總供電瓦數120W。可廣泛應用於許多終端受電(PD)設備，例如PTZ 球型攝影機、無線基地台及軌旁通訊設備等。

透過QoS based on 802.1p、DSCP和IP 排程優先等功能以進行網路管理，EX48000系列專為嚴峻戶外環境設計打造，工業等級設計可承受強力的落摔衝擊、防震動及抗電磁波干擾，可在 -40 到 75°C 寬溫環境下穩定運作。

EtherWAN — "When Connectivity is Crucial."

## 產品亮點

### 強固等級設計

- » 寬溫操作(-40 到75°C)

### PoE連接

- » 1-4埠支援IEEE 802.3af+ PoE供電標準

### 光纖介面連接

- » 支援1個100BASE-FX埠，彈性搭配SC 或ST組合

### 簡易網路管理功能

- » 支援QoS based on 802.1p、DSCP和IP 排程優先等功能

## 產品規格

### 技術

#### 標準

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX/100BASE-FX
- IEEE 802.3x Full duplex and flow control
- IEEE 802.3af+ Power over Ethernet (PoE)

#### Forward and Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps

#### 緩衝記憶體封包

- 512K bits

#### 傳輸型式

- Store-and-Forward
- Auto Negotiation
- Half-duplex back-pressure and IEEE 802.3x full-duplex flow control
- Auto MDI/MDIX

#### MAC地址表

- 1024 MAC addresses
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### 電源

#### 輸入電壓

- Redundant power inputs:  
Terminal Block: 47-57VDC  
DC Jack: 47-57VDC

#### 電力功耗

- Device: Max. 10W (without PoE)
- PoE Power Budget (depends on power input): 120W Max.

#### PoE Technology

- Alternative B  
Pins 7/8(-), 4/5(+)

#### PoE Power Output

- Port 1 to 4
- IEEE 802.3af+: up to 30W/port, 47-57VDC, 600mA Max.

#### Protection

- Reverse polarity protection

- Overload current protection
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## 機構

### 機殼

- 金屬材質
- IP30

### 尺寸

- 200 x 134.3 x 35mm (W x D x H)  
(7.87" x 5.29" x 1.38")

### 重量

- 0.8Kg (1.76lbs.)

### 安裝方式

- Desktop, Wall, or DIN-Rail mounting
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## 介面

### 乙太網路埠

- 10/100BASE-TX: 4 or 5 ports
- 100BASE-FX: 0 or 1 ports

### LED 指示燈號

- Per Unit: Power 1 (Green), Power 2 (Green), Power 3 (Green), Fault (Red)
- Per Port: Link/Activity (Green)

### Alarm Contact

- One relay output with current 1A/250VAC
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## 環境

### 工作溫度

- -40 to 75°C (-40 to 167°F)  
Tested @ -40 to 85°C (-40 to 185°F)

### 儲存溫度

- -40 to 85°C (-40 to 185°F)

### 工作濕度

- 5% to 95% (無凝結)
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## 通過認證

### ISO

- Manufactured in an ISO 9001 facility

### EMI

FCC Part 15B Class A  
 VCCI Class A  
 EN 55022  
 EN 61000-3-2  
 EN 61000-3-3  
 EN 61000-6-4

### EMS

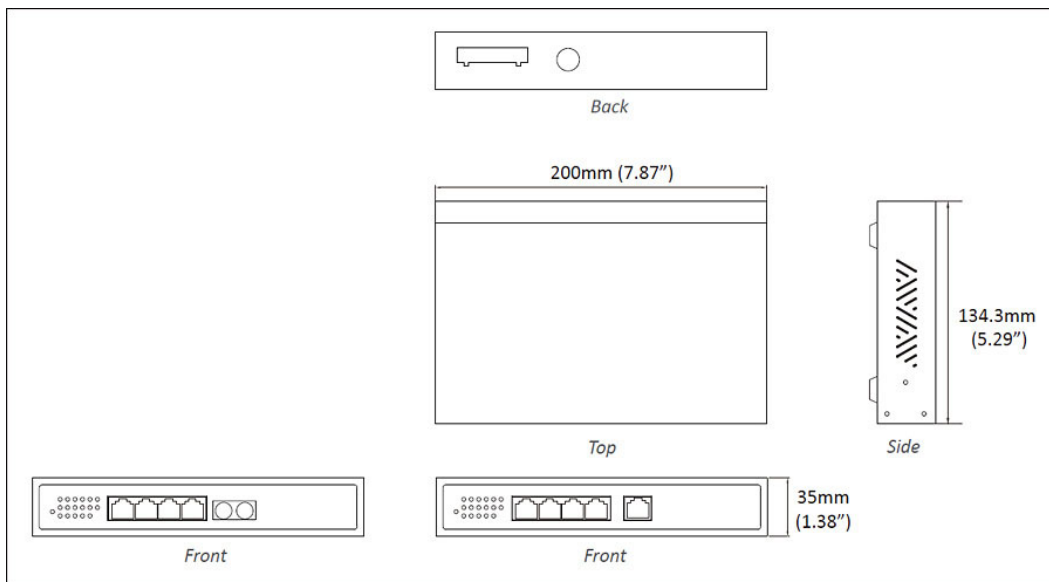
EN 61000-6-2  
 • EN 61000-4-2 (ESD Standards)  
 • EN 61000-4-3 (Radiated FRI Standards)  
 • EN 61000-4-4 (Burst Standards)  
 • EN 61000-4-5 (Surge Standards)  
 • EN 61000-4-6 (Induced RFI Standards)  
 • EN 61000-4-8 (Magnetic Field Standards)

### Environmental Test Compliance

IEC 60068-2-6 Fc (Vibration)  
 IEC 60068-2-27 Ea (Shock)  
 FED STD 101C Method 5007.1 (Free fall w/package)

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## 產品尺寸圖



## 訂購型號

### 型號

<b>EX48050-00B</b>	5-port 10/100BASE-TX PoE Hardened Web-smart Ethernet Switch
<b>EX48041-X0B</b>	4-port 10/100BASE-TX +1-port 100BASE-FX PoE Hardened Web-smart Ethernet Switch

### 100FX Fiber Options (X)

<b>1</b>	Multi Mode (SC) - 2Km
<b>2</b>	Multi Mode (ST) - 2Km
<b>6</b>	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-2Km
<b>7</b>	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-2Km
<b>8</b>	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-5Km
<b>9</b>	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-5Km
<b>A</b>	Single Mode (SC) - 20Km
<b>B</b>	Single Mode (SC) - 40Km
<b>H</b>	Single Mode (ST) - 20Km
<b>P</b>	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
<b>Q</b>	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km
<b>R</b>	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-40Km
<b>S</b>	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-40Km

\* More 100FX Fiber options also available upon request.

### Optional Accessories

<b>KD-AA78000X</b>	DIN-Rail Mounting Kit
<b>NDR-240-48</b>	240W/5A DIN-Rail 48VDC Industrial Power Supply
<b>SDR-480-48</b>	480W/10A DIN-Rail 48VDC Industrial Power Supply



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