

## EX95000 系列

強固級非網管 14-16埠10/100 BASE-TX +2埠100BASE-FX 乙太網路交換器



## 產品介紹

EtherWAN's EX95000 Series is a hardened unmanaged Fast Ethernet switching platform, designed for easy deployment in harsh environments.

The EX95000 Series is equipped with sixteen Fast Ethernet ports, or a combination of Fast Ethernet copper ports and two 100FX ports for long distance connectivity. Although unmanaged, the EX95000 is feature rich with full wire speed Fast Ethernet throughput, making the EX95000 Series a powerful network switch.

EtherWAN — "When Connectivity is Crucial."

## 產品亮點

### + 工業等級

支援 -40°C 到 75°C (-40°F to 167°F)寬工作溫度

### + 靈活有彈性的安裝方式

支援 DIN-Rail 導軌安裝、壁掛安裝或基貴安裝

### + 光纖介面連接

最高支援 2 個 100BASE-F X埠，彈性搭配 SC、ST 和 WDM 組合

## 產品規格

### + Technology

#### Standards

IEEE 802.3 10BASE-T  
IEEE 802.3u 100BASE-TX/100BASE-FX  
IEEE 802.3x Full duplex and flow control

#### Forward and Filtering Rate

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

#### Packet Buffer Memory

1.625M bits

#### Processing Type

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

#### Address Table Size

4096 MAC addresses

#### Latency

Less than 10 $\mu$ s

### + Power

#### Input Voltage

12-48VDC (Terminal Block)  
12VDC (DC Jack)

#### Power Consumption

7.4W Max. 0.6A@12VDC  
0.3A@24VDC  
0.15A@48VDC

### + Mechanical

#### Casing Material

Aluminum Case

#### IP Rating

IP30

#### Dimensions

75.5 x 110 x 135mm (W x D x H)  
(2.98" x 4.33" x 5.31")

#### Weight

0.87Kg (1.92lbs.)

#### Installation

DIN-Rail (Top hat type 35mm), Panel or Rack mounting

### + Interface

#### Ethernet Ports

10/100BASE-TX: 16, 15 or 14 ports  
100BASE-FX: 0, 1 or 2 ports

#### LED Indicators

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

#### Alarm Contact

One relay output with current 1A@24VDC

### + Environmental

#### Operating Temp.

-40 to 75°C (-40 to 167°F)

#### Storage Temp.

-40 to 85°C (-40 to 185°F)

#### Relative Humidity

5% to 95% (non-condensing)

### + Regulatory

#### ISO

Manufactured in ISO-9001 facility

#### EMI

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

#### EMS

EN 61000-6-2  
- EN 61000-4-2 (ESD)  
- EN 61000-4-3 (Radiated RFI)  
- EN 61000-4-4 (Burst)  
- EN 61000-4-5 (Surge)  
- EN 61000-4-6 (Induced RFI)  
- EN 61000-4-8 (Magnetic field)

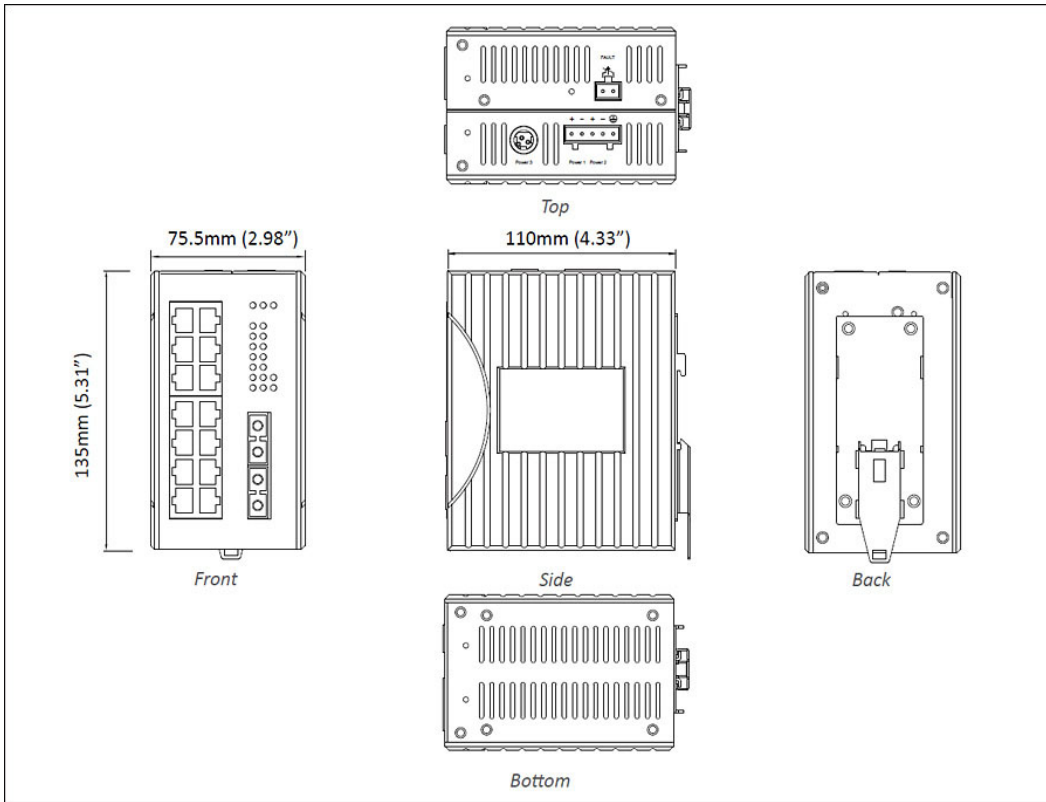
#### Safety

UL 508

#### 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)

## 產品尺寸圖



## 訂購型號

### 型號

EX95160-00B	16-port 10/100BASE-TX Hardened Unmanaged Ethernet Switch
EX95151-X0B	15-port 10/100BASE-TX +1-port 100BASE-FX Hardened Unmanaged Ethernet Switch
EX95142-X0B	14-port 10/100BASE-TX +2-port 100BASE-FX Hardened Unmanaged Ethernet Switch

\* DIN-Rail mounting kit included.

### 100FX Fiber Options (X)

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

### Optional Accessories

KP-AA96-480	Panel mounting kit
KR-BK-43-400	Rack mounting Kit
HDR-30-24	30W/1.5A DIN-Rail 24VDC Industrial Power Supply
HDR-60-24	60W/2.5A DIN-Rail 24VDC Industrial Power Supply

<b>EDR-75-24</b>	75W/3.2A DIN-Rail 24VDC Industrial Power Supply
<b>EX41-145046-X</b>	Power Supply 45W 12VDC with Open Wire (X) = 1: US, 2: EU, 3: UK, 4: AU, 5: JP, 6: SA
<b>EX41-145044-X</b>	Power Supply 45W 12VDC with Latch (X) = 1: US, 2: EU, 3: UK, 4: AU, 5: JP, 6: SA

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