

## EX46900A 系列

強固級非網管 8 埠 10/100/1000BASE ( 8 x PoE ) + 2 埠 1000BASE-X (SX/LX/SFP) 乙太網路交換器



### 產品介紹

EX46900A 系列為輕巧型強固級非網管 PoE 鋁軌式安裝之機型。內建 10 個 Gigabit 連接埠，8 埠支援 PoE (IEEE 802.3at) 及 2 個 Gigabit 光纖埠以支援遠距離傳輸，讓使用彈性最大化。

EX46900A 系列屬非網管機型，但支援 9.6K Jumbo Frame、full wire Gigabit throughput，並符合 eco-friendly IEEE 802.3az EEE (Energy Efficient Ethernet) 標準。內建 relay 警告功能可於電力故障或連接埠中斷時發出告警，可在 -40 至 75°C 的溫度下穩定運作，滿足工業自動化的特殊需求。

EtherWAN — "When Connectivity is Crucial."

## 產品亮點

### + 支援 Jumbo Frame

最高支援 9.6K bytes

### + PoE 連接

1 - 8 埠支援 IEEE 802.3at PoE 供電標準，每埠最高可達 30W

### + 光纖介面連接

最高支援 2 個1000BASE-SX 埠，彈性搭配 SC、ST 和 SFP 組合

### + 符合 Energy Efficient Ethernet (EEE)

支援 IEEE 802.3az 標準

### + 高可靠性能

無風扇設計  
全機體固定設計，無可活動零件

## 產品規格

### + 技術

#### 標準

IEEE 802.3 10BASE-T  
IEEE 802.3u 100BASE-TX/100BASE-FX  
IEEE 802.3ab 1000BASE-T  
IEEE 802.3z 1000BASE-SX/1000BASE-LX  
IEEE 802.3x Full duplex flow control  
IEEE 802.1az Energy Efficient Ethernet  
IEEE 802.3af/at Power over Ethernet (PoE)

#### Forward and Filtering Rate

4,880pps for 10Mbps  
148,810pps for 100Mbps  
1,488,100pps for 1000Mbps

#### 緩衝記憶體封包

4Mbits

#### Processing Type

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

#### 巨大封包

9.6K bytes

#### MAC地址表

8K MAC addresses

### + Power

#### 輸入電壓

18-57VDC

#### 電力功耗

Device: 11.2W  
PoE Power Budget: 120W  
Port 1 to 4, 10/100/1000 PoE Ports: 60W  
Port 5 to 8, 10/100/1000 PoE Ports: 60W

#### PoE Technology

Alternative A  
Pins 1/2(+), 3/6(-)

#### Protection

Reverse polarity protection

### + 機構

#### 機殼

Metal Case

IP Rating

IP30

尺寸

66.8 x 125 x 145mm (W x D x H)  
(2.63" x 4.92" x 5.71")

重量

1.3Kg (2.86lbs)

安裝方式

DIN-Rail, Rack or Panel mounting

## + 介面

乙太網路埠

10/100/1000BASE-T: 8 ports

1000BASE Fiber: 2 ports

指示燈號

Per Unit: Power 1 (Green), Power 2 (Green), Alarm (Red)

Per Port: Link/Activity (Green)

Per PoE Port: PoE Status (Amber)

Alarm Contact

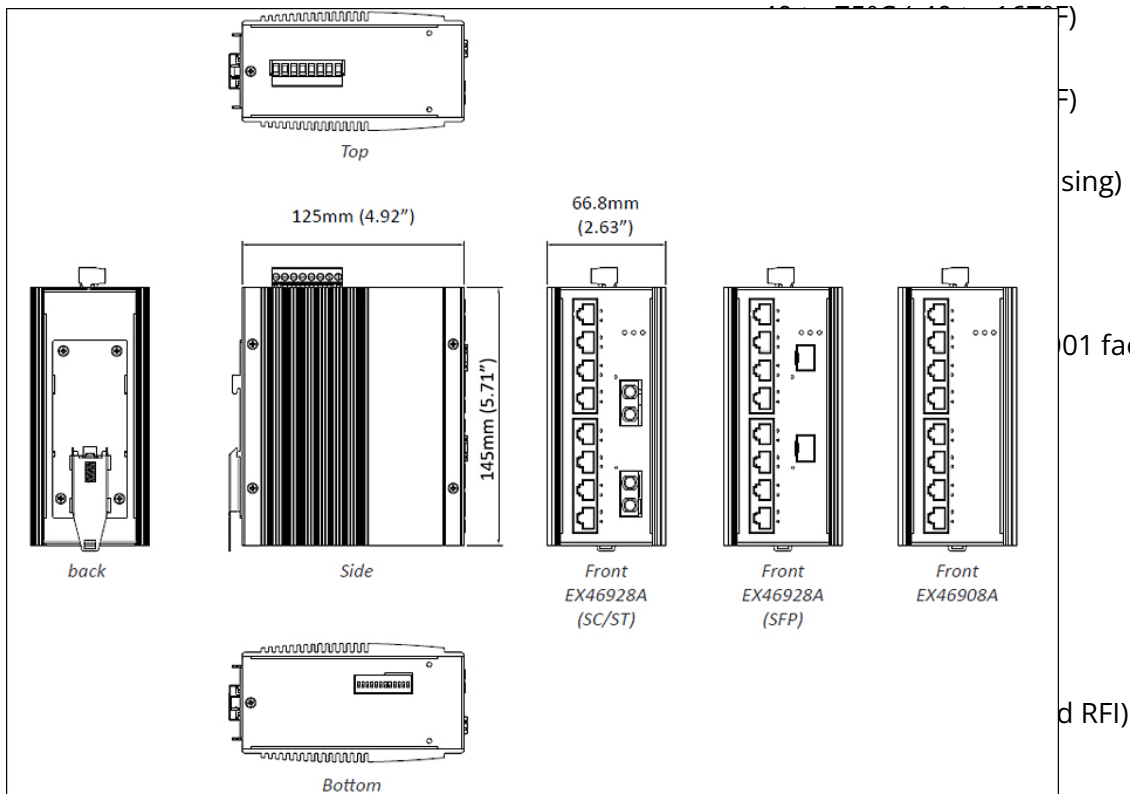
One relay output with current 1A/250VAC

Supports normal close and normal open

## 產品尺寸圖

## + 環境

工作溫度



- EN 61000-4-6 (Induced RFI)
- EN 61000-4-8 (Magnetic field)

Safety

UL 61010

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)

Industrial

E-Mark (Vehicles)

## 訂購型號

### 型號

<b>EX46908A-0-Z</b>	8-port 10/100/1000BASE-T (8 x PoE 120W) Gigabit Hardened Unmanaged Ethernet Switch
<b>EX46928A-X-Z</b>	8-port 10/100/1000BASE-T (8 x PoE 120W) +2-port 1000BASE-SX/LX/SFP Gigabit Hardened Unmanaged Ethernet Switch

\* DIN-Rail mounting kit included.

### Optical Port Options (X)

<b>3</b>	1000BASE-SX (SC) – 550m
<b>4</b>	1000BASE-SX (SC) – 2Km
<b>5</b>	1000BASE-SX (ST) – 550m
<b>A</b>	1000BASE-LX (SC) – 10Km
<b>B</b>	1000BASE-LX (SC) – 20Km
<b>R</b>	1000BASE-BX (SC) WDM-TX: 1310nm/RX: 1550nm–20Km
<b>S</b>	1000BASE-BX (SC) WDM-TX: 1550nm/RX: 1310nm–20Km
<b>V</b>	1000BASE SFP

### Power Input Options (Z)

<b>J</b>	18 to 57VDC
----------	-------------

### Optional Accessories

<b>KR-BK71000</b>	Rack Mounting Kits
<b>KP-AA96-480</b>	Panel Mounting Kits
<b>NDR-240-48</b>	240W/5A DIN-Rail 48VDC Industrial Power Supply



© EtherWAN Systems, Inc. All rights reserved. 20230914

EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.