

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

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps
- 1,488,100pps for 1000Mbps

緩衝記憶體封包

- 4Mbits

傳輸型式

- 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
-

電源

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

- 金屬材質
- 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

LED 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
-

環境

工作溫度

- -40 to 75°C (-40 to 167°F)

儲存溫度

- -40 to 85°C (-40 to 185°F)

工作濕度

- 5% to 95% (無凝結)
-

通過認證

ISO

- Manufactured in an ISO 9001 facility

Vehicles

E-Mark

Safety

UL 61010

EMI

FCC Part 15B Class A

VCCI Class A

EN 61000-6-4

EN 61000-3-2

EN 61000-3-3

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)

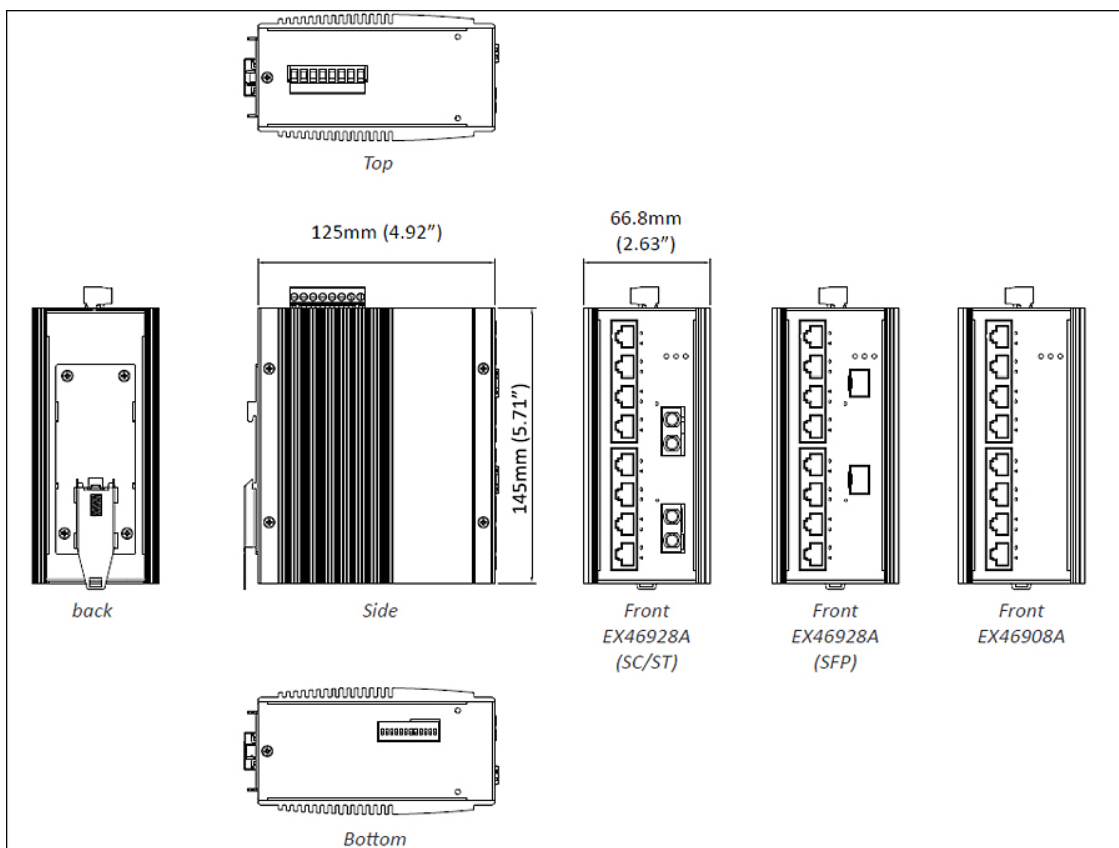
Environmental Test Compliance

IEC 60068-2-6 Fc (Vibration)

IEC 60068-2-27 Ea (Shock)

FED STD 101C Method 5007.1 (Free fall w/package)

產品尺寸圖



訂購型號

型號

EX46908A-0-Z	8-port 10/100/1000BASE-T (8 x PoE 120W) Gigabit Hardened Unmanaged Ethernet Switch
EX46928A-X-Z	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)

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

Power Input Options (Z)

J	18 to 57VDC
----------	-------------

Optional Accessories

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



© EtherWAN Systems, Inc. All rights reserved. 20240806

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