

EX45900 系列

強固級非網管 5埠10/100/1000BASE (4 x PoE) +1埠1000BASE-X Gigabit 乙太網路交換器



產品介紹

EX45900系列為強固級非網管PoE鋁軌式安裝乙太網路交換器，4埠支援PoE(IEEE 802.3at)及1個Gigabit光纖埠，支援遠距離傳輸。

EX45900系列屬非網管機型，支援10K Jumbo Frame、full wire Gigabit throughput、QoS，並符合eco-friendly IEEE 802.3az EEE (Energy Efficient Ethernet)標準。支援IEEE 802.3x自動協商功能、全雙工/半雙工流量控制、自動MDI/MDI-X跳線偵測、線性、無阻塞傳輸,無風扇設計。當電源故障或通訊中斷，可經由繼電器輸出警報，幫助現場人員快速診斷並排除異常。

其PoE網路埠，每埠最高可支援30W，總供電瓦數為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。EX45900系列專為嚴苛戶外環境設計打造，可在-40到75°C寬溫環境下穩定運作，於嚴苛的專案規劃佈局中扮演致勝的關鍵角色。

EtherWAN — "When Connectivity is Crucial."

產品亮點

PoE連接

- » 1-4埠支援IEEE 802.3at PoE供電標準，每埠最高可達30W

符合Energy Efficient Ethernet (EEE)

- » 支援IEEE 802.3az標準

光纖介面連接

- » 最高支援1個1000BASE-FX埠，彈性搭配SC、ST或SFP組合

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 802.3az Energy Efficient Ethernet
- IEEE 802.1p Quality of Service(QoS)
- 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

- 1M 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

巨大封包

- 10K bytes

MAC地址表

- 8192 MAC addresses
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電源

輸入電壓

- 18-57VDC

電力功耗

- Device: Max. 7W (without PoE)
- PoE Power budget: 120W

PoE Technology

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

Protection

- Reverse polarity protection
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機構

機殼

- 金屬材質
- IP30

尺寸

- 30 x 100 x 149mm (W x D x H)
(1.18" x 4" x 5.96")

重量

- 0.34Kg (0.75lb.)

安裝方式

- DIN-Rail
-

介面

乙太網路埠

- 10/100/1000BASE-T: 5 ports
- 1000BASE-X: 0 or 1 ports

LED 指示燈號

- Per Unit: Power 1 (Green), Power 2 (Green), Alarm (Red)
- Per Port: 10/100M (Green), 1000M (Amber)
- Per PoE Port: PoE status (Amber)

DIP Switches

- Enable/Disable Port fault alarm
- Enable/Disable Broadcast Storm Protection
- Enable/Disable Jumbo Frame

Alarm Contact

- One relay output with current 1A@250VAC
 - Supports normal open
-

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

Safety

UL 60950

UL 61010 (EX45905/EX45915-V only)

EMI

FCC Part 15B Class A

VCCI Class A

EN 61000-6-4

EN 61000-3-2

EN 61000-3-3

EN 55022 Class A

EMS

EN 61000-6-2

- EN 61000-4-2 (ESD Standards)
- EN 61000-4-3 (Radiated RFI 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)

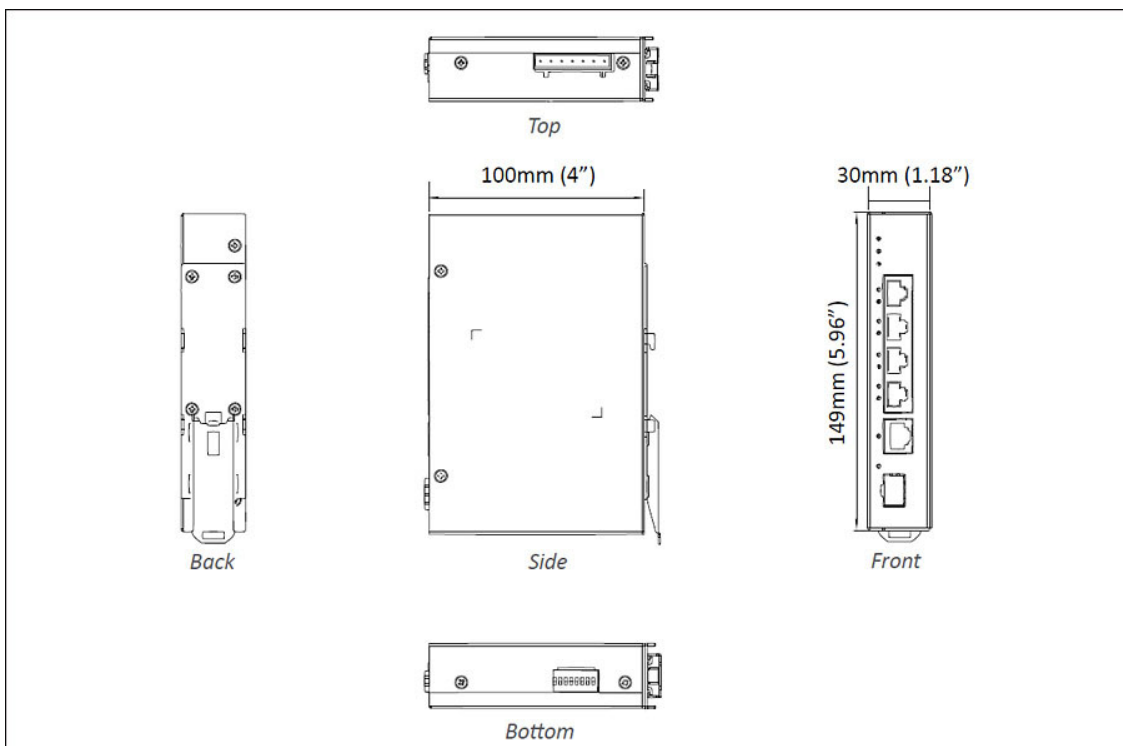
Environmental Test Compliances

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

EX45905	5-port 10/100/1000BASE-T (4 x PoE) Gigabit Hardened Unmanaged Ethernet Switch
EX45915-X	5-port 10/100/1000BASE-T (4 x PoE) +1-port 1000BASE-X Gigabit Hardened Unmanaged Ethernet Switch

* DIN-Rail mounting kit included.

Optical Port Options (X)

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

Optional Accessories

NDR-240-48	240W/5A DIN-Rail 48VDC Industrial Power Supply
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