EX46100 系列

強固級簡易網管型 8 埠 10/100BASE PoE (4 x PoE) 乙太網路交換器





產品介紹

EX46100系列為強固級鋁軌式安裝乙太網路交換機，具備8個10/100BASE乙太網路連接埠(4個PoE)及2個100BASE-FX固定式光纖埠，可彈性搭配SC/ST/WDM規格。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。

使用者可透過QoS based on 802.1p、DSCP和IP排程優先等功能以進行網路管理，使複雜的專案規劃事半功倍。EX46100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2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

• 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

MAC地址表

• 1024 MAC addresses

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

機構

機殼

• Aluminum Case

• IP30

尺寸

• 68 x 110 x 135mm (W x D x H)
(2.68" x 4.33" x 5.31")

重量

• 1Kg (2.2lbs.)

安裝方式

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

介面

乙太網路埠

• 10/100BASE-TX: 6, 7 or 8 ports

• 100BASE-FX: 0, 1 or 2 ports

LED 指示燈號

• Per Unit: Power 1 (Green), Power 2 (Green), Power 3 (Green)

• Per Port: Link/Activity (Green)

• Per PoE Port: PoE Status (Amber)

Alarm Contact

• One relay output with current 1A/24VDC

環境

工作溫度

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

Web-Smart Function Operating Temperature

• -20 to 75°C (-4 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

EMI

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

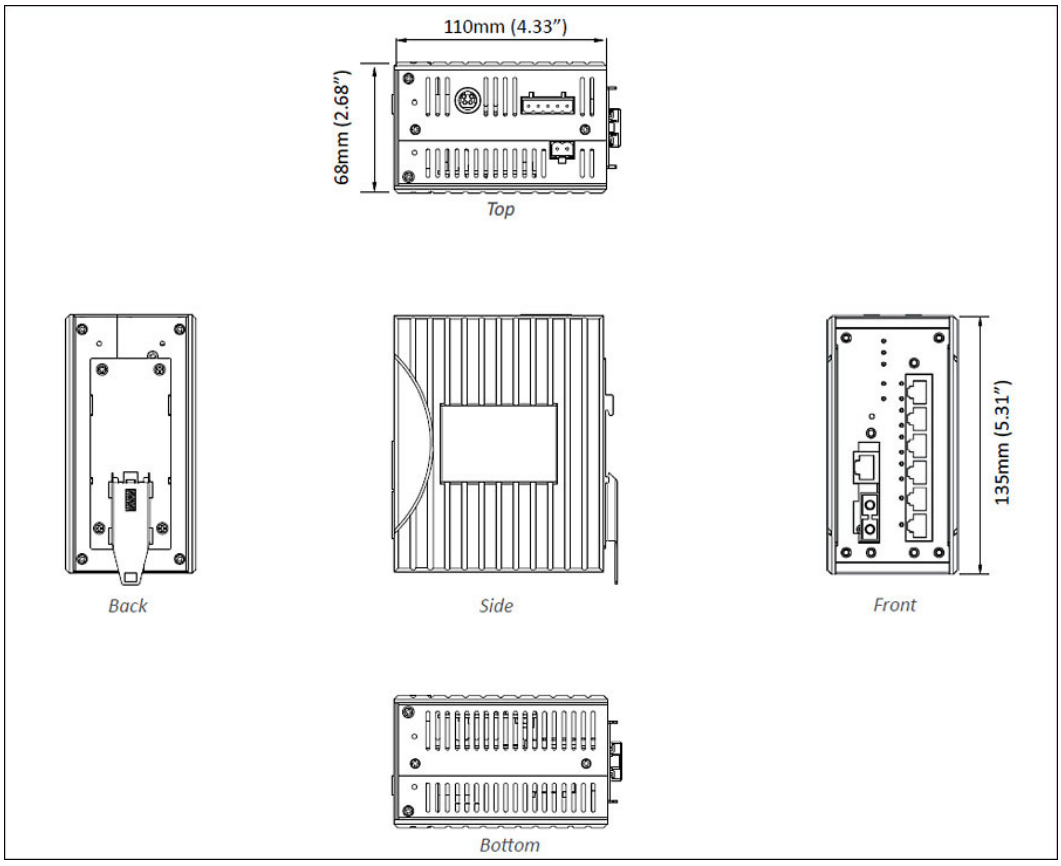
EMS

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

EX46180-00B	8-port 10/100BASE-TX PoE+ Hardened Web-smart Ethernet Switch
EX46171-X0B	7-port 10/100BASE-TX +1-port 100BASE-FX PoE+ Hardened Web-smart Ethernet Switch
EX46162-X0B	6-port 10/100BASE-TX +2-port 100BASE-FX PoE+ Hardened Web-smart 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

* More 100FX Fiber options also available upon request.

Optional Accessories

KP-AA96-480	Panel mounting Kit
KR-BK43-400	Rack mounting Kit
EDR-120-48	120W/2.5A DIN-Rail 48VDC Industrial Power Supply
NDR-240-48	240W/5A DIN-Rail 48VDC Industrial Power Supply



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