EX48000 系列

強固級簡易網管型 5埠10/100BASE PoE (4 x PoE) 乙太網路交換器



產品介紹

EX48000系列具備4個10/100BASE PoE乙太網路連接埠及1個100BASE-FX固定式光纖埠，可彈性搭配SC/ST/WDM規格，採強固等級設計，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。

透過QoS based on 802.1p、DSCP和IP 排程優先等功能以進行網路管理，EX48000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1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

• 512K 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
• Overload current protection

機構

機殼
• 金屬材質
• IP30

尺寸
• 200 x 134.3 x 35mm (W x D x H)
(7.87" x 5.29" x 1.38")

重量
• 0.8Kg (1.76lbs.)

安裝方式
• Desktop, Wall, or DIN-Rail mounting

介面

乙太網路埠
• 10/100BASE-TX: 4 or 5 ports
• 100BASE-FX: 0 or 1 ports

LED 指示燈號
• Per Unit: Power 1 (Green), Power 2 (Green), Power 3 (Green), Fault (Red)
• Per Port: Link/Activity (Green)

Alarm Contact
• One relay output with current 1A/250VAC

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)

通過認證

ISO

• Manufactured in an ISO 9001 facility

EMI

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

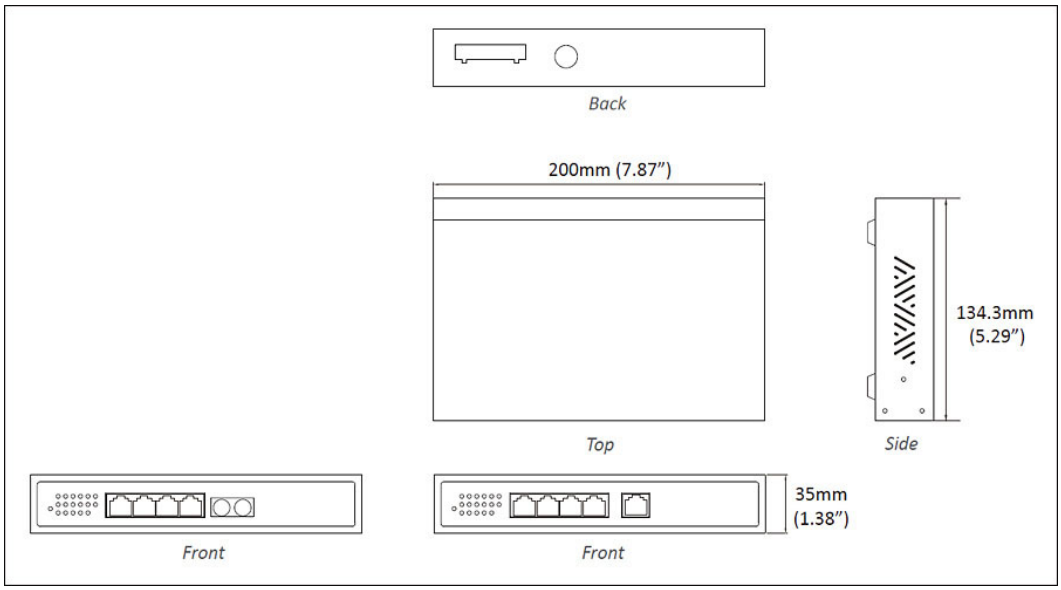
EMS

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

EX48050-00B	5-port 10/100BASE-TX PoE Hardened Web-smart Ethernet Switch
EX48041-X0B	4-port 10/100BASE-TX +1-port 100BASE-FX PoE Hardened Web-smart Ethernet Switch

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

KD-AA78000X	DIN-Rail Mounting Kit
NDR-240-48	240W/5A DIN-Rail 48VDC Industrial Power Supply
SDR-480-48	480W/10A DIN-Rail 48VDC Industrial Power Supply



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