EX42905

強固級非網管 5 埠 10/100/1000BASE-T 乙太網路交換器



產品介紹

本產品自2025年12月31日起停產。 請點選 此處 尋找替代產品。

EX42905 為輕巧型強固級非網管鋁軌式安裝之機型，具備五個 Gigabit 乙太網路連接埠或 Gigabit RJ45 網路埠搭配 1 個 Gigabit 光纖埠之組合以支援長距離傳輸，適合使用於工廠工業自動化、IP 影像監控、802.11n WiFi 無線網路連線等需要高頻寬同時也需節能減碳之應用環境。

EX42905雖屬非網管機型，但支援 Jumbo Frame、full wire speed Gigabit throughput、QoS support，並符合 eco-friendly IEEE 802.3az EEE (Energy Efficient Ethernet) 標準。薄型化的設計支援軌道式 (DIN-rail) 安裝，十分適合安裝於有限的空間。前面板的 LED 指示燈可讓使用者清楚地檢視連線狀態以及電源狀態。

EtherWAN — "When Connectivity is Crucial."

產品亮點

強固等級設計

寬溫操作 (-40 到 75°C)

支援 Jumbo Frame

最高支援 10K bytes

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

Technology

Standards

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)

Forward and Filtering Rate

14,880pps for 10Mbps

148,810pps for 100Mbps

1,488,100pps for 1000Mbps

Packet Buffer Memory

1M bits

Processing Type

Store-and-Forward

Auto Negotiation

Half-duplex back-pressure and IEEE 802.3x full-duplex flow control

Auto MDI/MDIX

Jumbo Frame

10K bytes

Address Table Size

8K MAC addresses

Interface

Ethernet Ports

10/100/1000BASE-T: 5 ports

LED Indicators

Per Unit: Power (Green) Per Port: 10/100M(Green), 1000M (Yellow)

Environment

Operating Temperature

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

Storage Temperature

-40 to 85°C (-40 to 185°F)

Ambient Relative Humidity

5% to 95% (non-condensing)

Regulatory Approvals

ISO

Manufactured in an ISO 9001 facility

Safety

UL 60950

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)

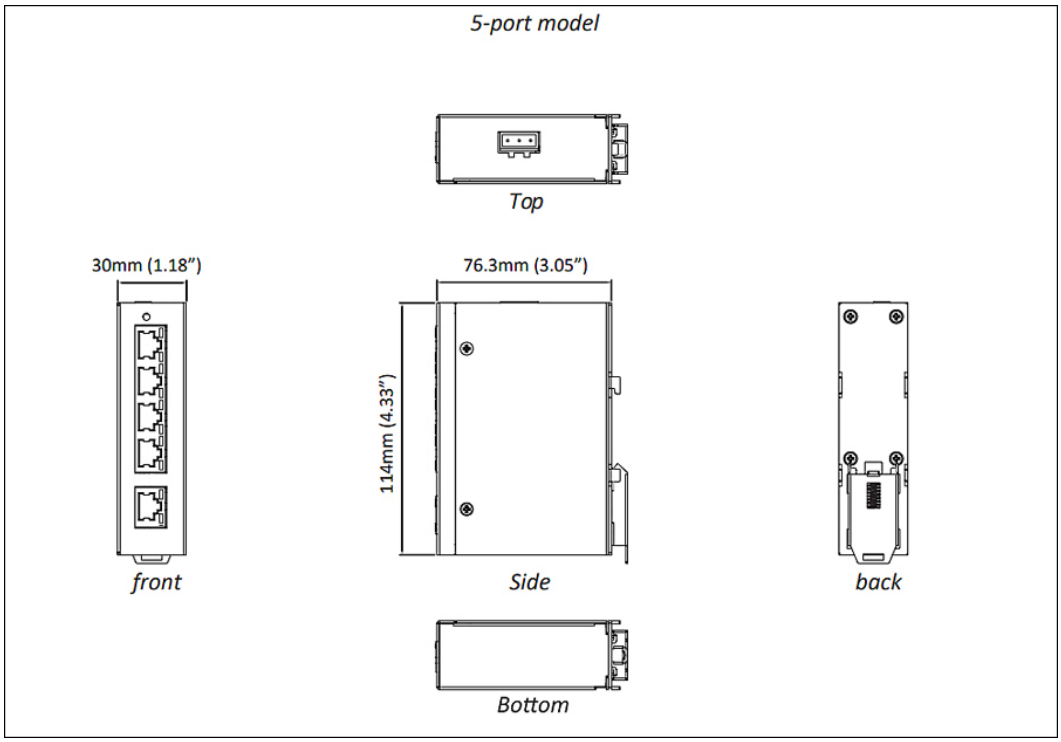
Environmental Test Compliances

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

EX42905	5-port 10/100/1000BASE-T Gigabit Hardened Unmanaged Ethernet Switch

* DIN-Rail mounting kit included.

Optional Accessories

HDR-30-24	30W/1.5A DIN-Rail 24VDC Industrial Power Supply
HDR-60-24	60W/2.5A DIN-Rail 24VDC Industrial Power Supply
EDR-75-24	75W/3.2A DIN-Rail 24VDC Industrial Power Supply
EX41-145046-X	Power Supply 45W 12VDC with Open Wire (X) = 1: US, 2: EU, 3: UK, 4: AU, 5: JP, 6: SA

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