EX32900 系列

工業級非網管 5-8埠10/100/1000BASE-T +1埠1000BASE-X Gigabit 乙太網路交換器



產品介紹

本產品已經停產，請點選 此處 尋找替代產品。

EX32900系列為輕巧型非網管鋁軌式機種，5埠或8埠工業級乙太網路交換器，可視使用需求挑選Gigabit乙太網路連接埠或Gigabit RJ45網路埠搭配1個Gigabit光纖埠之組合來支援長距離傳輸。

EX32900系列雖屬非網管機型，但支援Jumbo Frame、full wire speed throughput、QoS support，並符合eco-friendly IEEE 802.3az EEE (Energy Efficient Ethernet)標準。EX32900系列交換器提供12-48VDC備援雙電源輸入、具備斷線告警機制，採EMI/EMS防護等級設計，適用於小規模但分布廣泛的各類應用如工廠自動化、智慧交通及IP監控等應用。

EtherWAN — "When Connectivity is Crucial."

產品亮點

工業等級設計

» 操作溫度(-10到60°C)
» 支援鋁軌式安裝

支援Jumbo Frame

» 最高支援10K bytes (EX32905/EX32914系列)
» 最高支援9720 bytes (EX32908/EX32917系列)

光纖介面連接

» 最高支援1個1000BASE-FX埠，彈性搭配SC、ST組合

高可靠性能

» 無風扇設計
» 無風扇設計

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)

Forward and Filtering Rate

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

緩衝記憶體封包

• EX31905/EX32914: 1M bits
• EX32908/EX32917: 192KB

傳輸形式

• Store-and-Forward
• Auto Negotiation
• Half-duplex back-pressure and IEEE 802.3x full-duplex flow control
• Auto MDI/MDIX

巨大封包

• EX32905/EX32914: 10K bytes
• EX32908/EX32917: 9720 bytes

MAC地址表

• EX32905/EX32914: 8K MAC addresses
• EX32908/EX32917: 4K MAC addresses

Broadcast Storm Protection Threshold (EX32908/EX32917 only)

• Limit 15000 fps@64 frame size, 600 fps@1518 frame size.

電源

輸入電壓

• 12-48VDC

電力供耗

• 6.5W Max. 0.25A@24VDC

Protection

• Reverse polarity protection

機構

機殼

• 塑膠外殼
• IP30

尺寸

• EX32905/EX32914:
26 x 76.5 x 114mm (W x D x H)
(1.02" x 3.06" x 4.33")
• EX32908/EX32917:
35 x 86 x 149mm (W x D x H)
(1.4" x 3.44" x 5.96")

重量

• EX32905/EX32914: 0.2Kg (0.44lb.)
• EX32908/EX32917: 0.3Kg (0.66lb.)

安裝方式

• DIN-Rail (Top hat type 35mm)

介面

乙太網路埠

• EX32905/EX32914:
10/100/1000BASE-T: 5 or 4 ports
1000BASE-X: 0 or 1 ports
• EX32908/EX32917:
10/100/1000BASE-T: 8 or 7 ports
1000BASE-X: 0 or 1 ports

LED 指示燈號

• EX32905/EX32914:
Per Unit: Power (Green)
Per Port: 10/100M(Green), 1000M (Yellow)
• EX32908/EX32917:
Per Unit: Power 1 (Green), Power 2 (Green), Alarm (Red)

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

Alarm Contact (EX32908/EX32917 only)

• One relay output with current 1A@250VAC
• Supports normal close and normal open

DIP Switches (EX32908/EX32917 only)

• Enable/Disable Port fault alarm

環境

工作溫度

• -10 to 60°C (14 to 140°F)
Tested @ -20 to 70°C (-4 to 158°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

Safety

UL 60950 (EX32905/EX32914 Series only)

EMI

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

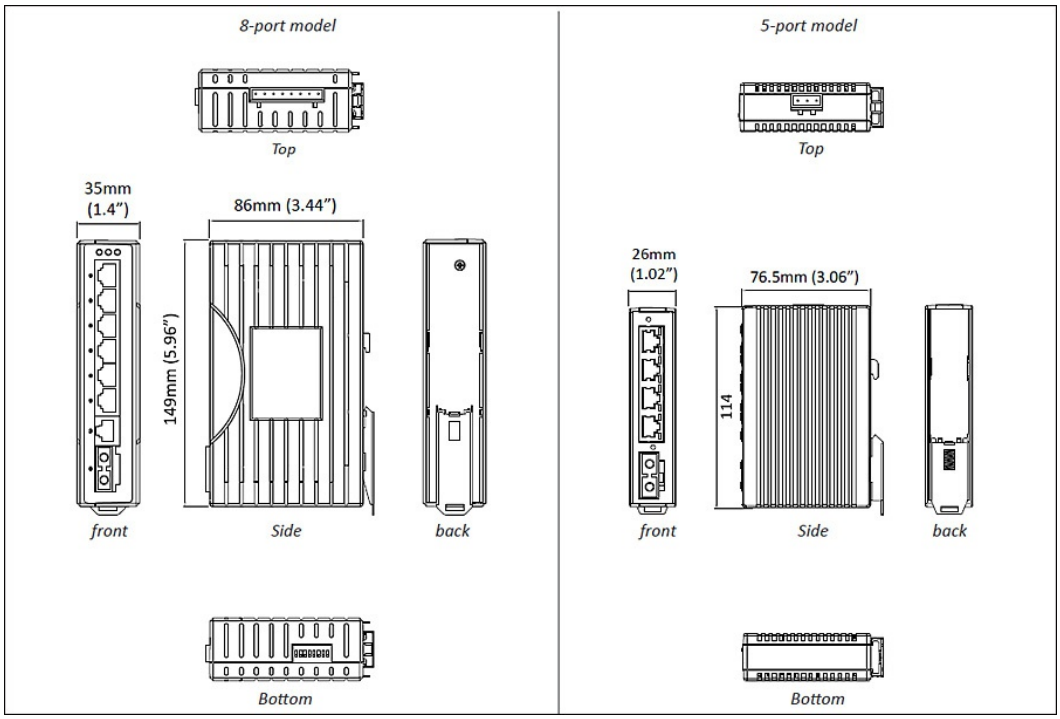
EMS

EN 61000-6-2
• EN 61000-4-2 (ESD Standards)
• EN 61000-4-3 (Radiated 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

EX32905	5-port 10/100/1000BASE-T Gigabit Industrial Unmanaged Ethernet Switch
EX32914-X	4-port 10/100/1000BASE-T +1-port 1000BASE-X Gigabit Industrial Unmanaged Ethernet Switch
EX32908	8-port 10/100/1000BASE-T Gigabit Industrial Unmanaged Ethernet Switch
EX32917-X	7-port 10/100/1000BASE-T +1-port 1000BASE-X Gigabit Industrial 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

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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