EX32008

工業級非網管 8 埠 10/100BASE-TX 乙太網路交換器



產品介紹

EX32008是一款工業級非網管型乙太網路交換器，適用於惡劣環境。IP30防塵等級，能在-10°C至60°C的環境下正常運作。機身窄薄，支援DIN rail鋁軌安裝，特別適用於有限空間。EX32008系列支援12至48VDC寬電壓雙電源輸入。當單一電源故障或網路斷線時，會啟動警報乾接點發出告警。同時，透過DIP指撥器的切換也可支援網路通訊斷線告警。

EX32008具備QoS和IEEE802.3az乙太網路節能功能，內建8個(10/100BASE-TX) RJ45埠支援10/100Mbps的傳輸速度。EX32008 支援全雙工/半雙工自動調節和自動MDI/MDIX操作功能，可長距離傳輸，並為您的網路設備提供方便的連接方式。

符合 IEC 62443-4-2－依循 IEC 62443-4-1 安全開發實務進行開發與審查。

益網科技 - " **連結，制勝的關鍵** "

產品亮點

工作溫度範圍

支援工業等級-10°C 至 60°C (14 to 140°F)寬溫度操作

高可靠性

IP30 防護等級，無風扇設計

QoS 封包排程

確保影像及語音流量優先處理

產品規格

Technology

Standards

IEEE 802.3u 100BASE-TX/FX

IEEE 802.3x full-duplex flow control

IEEE 802.3az Energy Efficient Ethernet

IEEE 802.1p Quality of Service (QoS)

Forward/Filtering Rate

14,880pps for 10Mbps

148,810pps for 100Mbps

Packet Buffer Memory

448K bits

Processing Type

Store-and-Forward

Auto Negotiation

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

Auto MDI/MDIX

Address Table Size

1K MAC addresses

Interface

Ethernet

10/100BASE-TX: 8

LED Indicators

Per Unit: Power 1 (Green), Power 2 (Green), Fault (Red)

Per Port: Link/Activity (Green)

DIP Switches

Enable/Disable Port fault alarm

Alarm Contact

One relay output with current 1A@250VAC

Supports normal close and normal open

Environmental

Operating Temp.

-10 to 60°C (14 to 140°F)

Storage Temp.

-40 to 85°C (-40 to 185°F)

Ambient Relative Humidity

5% to 95% (non-condensing)

Power

Input

12-48VDC (Terminal Block)

Power Consumption

2.47W@24VDC

Protection

Reverse Polarity Protection

Physical

Casing Material

Plastic Case

IP Rating

IP30

Dimensions

35 x 86 x 149mm (W x D x H) (1.4" x 3.44" x 5.96")

Weight

0.3Kg (0.66lbs)

Installation Type

DIN-Rail (Top hat type 35mm) mounting

Regulatory

ISO

Manufactured in ISO-9001 facility

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)
- EN 61000-4-3 (Radiated RFI)
- EN 61000-4-4 (Burst)
- EN 61000-4-5 (Surge)
- EN 61000-4-6 (Induced RFI)
- EN 61000-4-8 (Magnetic field)

Safety

UL 60950

UL 62368

Cybersecurity

IEC 62443-4-1

IEC 62443-4-2

Environmental Test Compliance

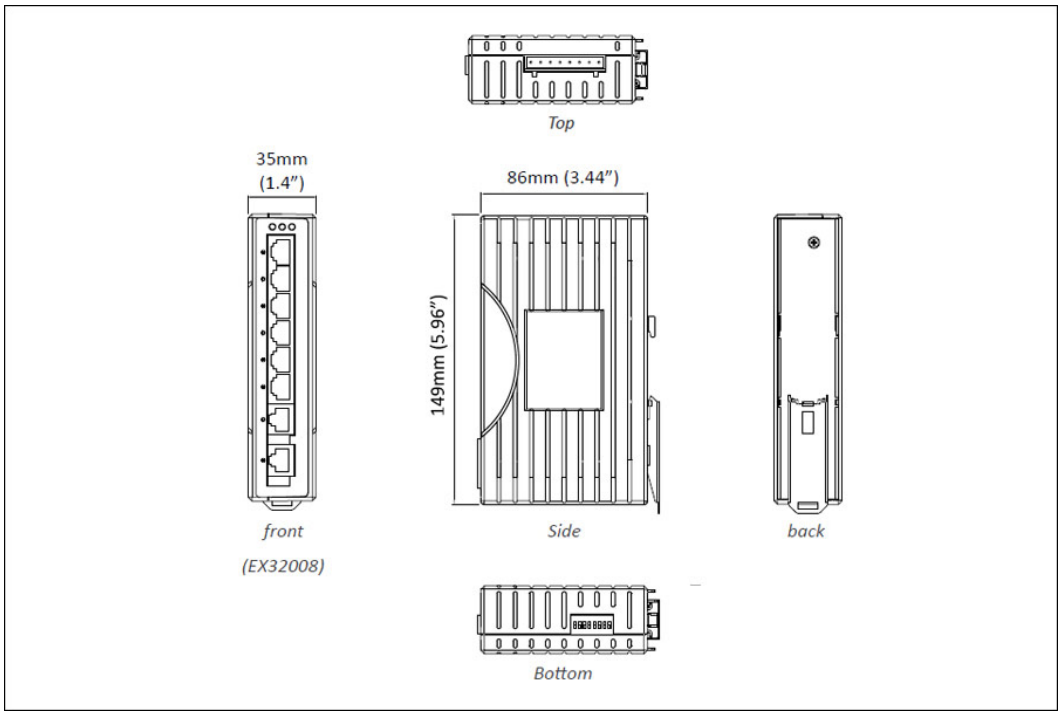
IEC 60068-2-6 Fc (Vibration)

IEC 60068-2-27 Ea (Shock)

FED STD 101C Method 5007.1 (Free fall w/package)

- Tested with Cross Weight and Drop High standard table

產品尺寸


Top
35mm
(1.4")
86mm (3.44")
149mm (5.96")
front
(EX32008)
Side
back
Bottom

訂購型號

型號

	
	EX32008
10/100BASE T(X)	8
Network management	Unmanaged
	訂購諮詢

* DIN-Rail mounting kit included.
* EX32017 停產公告

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

© EtherWAN Systems, Inc. All rights reserved. 20261116
EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.