

## EX32008 系列

工業級非網管 7 - 8 埠 10/100BASE-TX + 1 埠 100BASE-FX 乙太網路交換器



### 產品介紹

EX32008系列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系列具備QoS和IEEE802.3az乙太網路節能功能，內建8個(10/100BASE-TX) RJ45埠，或7個(10/100BASE-TX) RJ45埠加一個(100BASE-FX)光纖埠，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。

益網科技 — "連結，致勝的關鍵"

### 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

#### + 光纖連接埠

提供100BaseFX (SC/ST接頭) 以及WDM 型光纖模組

#### + 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

### + 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

### + Interface

#### Ethernet

10/100BASE-TX: 8 or 7 ports  
100BASE-FX: 0 or 1 port

#### 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)

### + 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

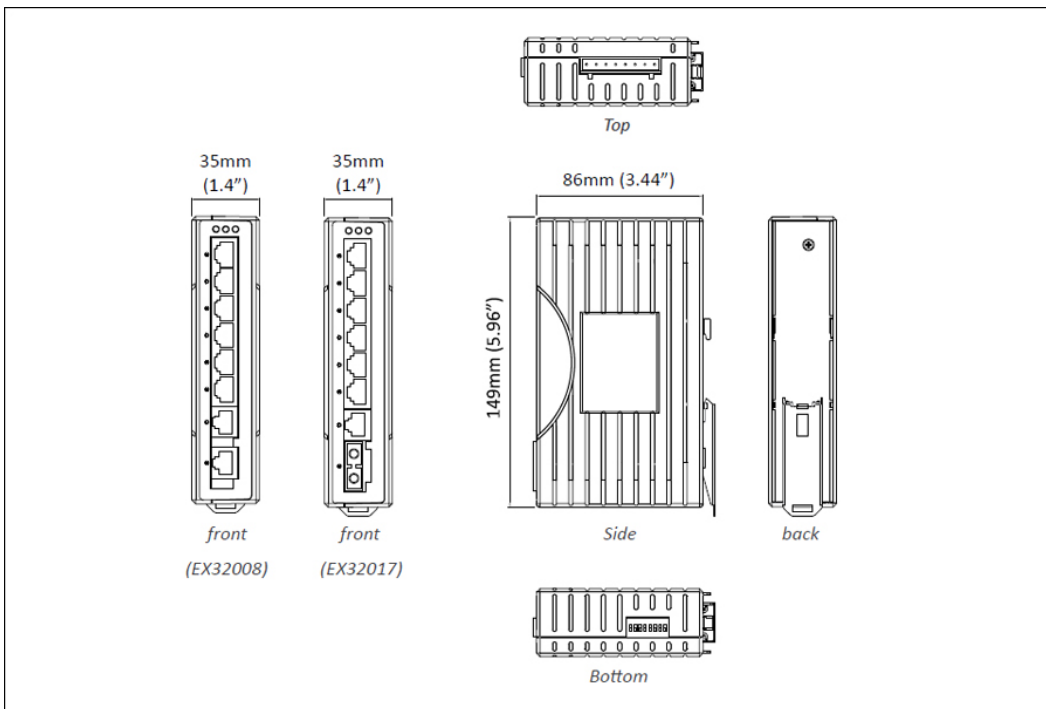
UL 62368

#### 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



## 訂購型號

### 型號

<b>EX32008</b>	8-port 10/100BASE-TX Industrial Unmanaged Ethernet Switch
<b>EX32017-XY</b>	7-port 10/100BASE-TX +1-port 100BASE-FX Industrial Unmanaged Ethernet Switch

\* DIN-Rail mounting kit included.

### 100FX Fiber Options (XY)

<b>1A</b>	Multi Mode (SC) - 2Km
<b>1B</b>	Multi Mode (ST) - 2Km
<b>2A</b>	Single Mode (SC) - 20Km
<b>2D</b>	Single Mode (ST) - 20Km
<b>2E</b>	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
<b>2G</b>	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km

\* More 100FX Fiber options also available upon request.

### Optional Accessories

<b>HDR-30-24</b>	30W/1.5A DIN-Rail 24VDC Industrial Power Supply
<b>HDR-60-24</b>	60W/2.5A DIN-Rail 24VDC Industrial Power Supply
<b>EDR-75-24</b>	75W/3.2A DIN-Rail 24VDC Industrial Power Supply

