



migrate-ed9.hellosanta.tw/products/ex32008-series EX32008 Series

EX32008 Series

Industrial Unmanaged 7 to 8-port 10/100BASE-TX and 1-port 100BASE-FX Ethernet Switch





Overview

EtherWAN's EX32008 Series is a industrial unmanaged Fast Ethernet switching platform, designed for easy deployment in harsh environments. The EX32008 Series supports 12 to 48VDC redundant power input, and also provides relay alarm while power failure or port link down occur.

The EX32008 is equipped with eight Fast Ethernet ports, or a combination of Fast Ethernet copper ports and one 100FX port for long distance connectivity. This versatile switch features 10/100Mbps transfer speeds, full/half-duplex auto-negotiation and auto MDI/MDIX operation allowing you to connect your network devices without hassles.

The EX32008 is feature-rich with full wire speed Fast Ethernet throughput, QoS (Quality of Service), and IEEE802.3az EEE (Energy Efficient Ethernet). The EX32008 Series is built with relay alarm to notify users when power fails or link down occurs. It also supports port link down alarm by enabling the DIP switch. The EX32008 Series is housed with DIN rail mountable plastic compact case which is an ideal solution for applications in harsh environments.

EtherWAN — "When Connectivity is Crucial."

Spotlight

Industrial Grade

» Supports -10 to 60°C (14 to 140°F) operating temperature

Fiber Connectivity

» Up to one 100BASE-FX port with SC, ST, WDM options

High Reliability

- » Fanless design
- » No moving parts

Specifications

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 and 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
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Mechanical

- **Casing**
 - Plastic Case
 - 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**
 - DIN-Rail (Top hat type 35mm) mounting
-

Interface

- **Ethernet Ports**
 - 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
-

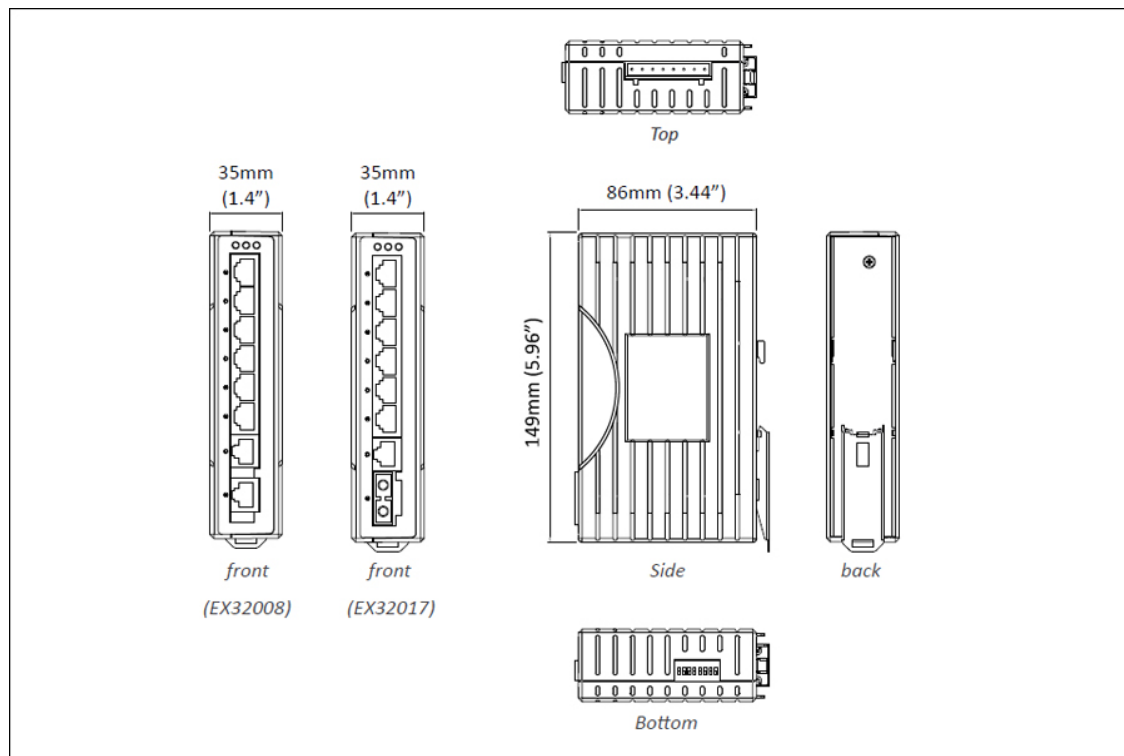
Environment

- **Operating Temperature**
 - -10 to 60°C (14 to 140°F)
 -
 - **Storage Temperature**
 - -40 to 85°C (-40 to 185°F)
 -
 - **Ambient Relative Humidity**
 - 5% to 95% (non-condensing)
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Regulatory Approvals

- **ISO**
 - • Manufactured in an ISO 9001 facility
- **Safety**
 - UL 60950
 - UL 62368
- **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 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)
 - • Tested with Cross Weight and Drop High standard table

Dimensions



Ordering Info

Model

EX32008 8-port 10/100BASE-TX Industrial Unmanaged Ethernet Switch
EX32017-XY 7-port 10/100BASE-TX +1-port 100BASE-FX Industrial Unmanaged Ethernet Switch
* DIN-Rail mounting kit included.

100FX Fiber Options (XY)

1A Multi Mode (SC) - 2Km
1B Multi Mode (ST) - 2Km
2A Single Mode (SC) - 20Km
2D Single Mode (ST) - 20Km
2E Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
2G Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km
* More 100FX Fiber options also available upon request.

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

