EX39924 Series

Industrial Unmanaged 24 Port Gigabit Switch with 4 to 16 Gigabit SFP Ports



Overview

EtherWAN's EX39924 Series is an industrial Unmanaged Gigabit switching platform, designed for easy deployment in harsh environments.

The EX39924 Series is equipped with twenty-four Gigabit Ethernet ports, or a combination of Gigabit copper ports and four or sixteen combo SFP Gigabit ports for long distance connectivity. Although unmanaged, the EX39924 is feature rich with 16379 bytes jumbo frame support, full wire speed Gigabit throughput, QoS support and eco-friendly IEEE 802.3az EEE (Energy Efficient Ethernet) compliant, making the EX39924 Series a powerful yet energy efficient network switch.

EtherWAN — "**When Connectivity is Crucial.**"

Spotlight

Industrial Grade

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

Jumbo Frame Support

» Up to 16379 bytes

Fiber Connectivity

» Up to 4 or 16 combo 1000BASE SFP ports

High Reliability

» Fanless Design
» No moving parts

Full Wire Speed

» Non Blocking
» Full Duplex Simultaneous Communication on all ports

Rack Mount

» Enterprise level 1U Rackmount

Specifications

Technology

Standards

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX
- IEEE802.3ab 1000BASE-T
- IEEE802.3z 1000BASE-SX/1000BASE-LX
- IEEE802.3x Full duplex flow control
- IEEE802.3az Energy Efficient Ethernet
- IEEE802.1p Quality of Service (QoS)

Forward and Filtering Rate

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

Packet Buffer Memory

- 512 KB

Processing Type

- Store-and-Forward
- Auto Negotiation
- Half-duplex back-pressure and IEEE802.3x full-duplex flow control
- Auto MDI/MDIX

Jumbo Frame

- 16379 bytes

Address Table Size

- 8192 MAC addresses

Power

Input

• 100 - 240VAC, 50 - 60Hz Internal Universal PSU

Mechanical

Casing

• Metal
• IP30

Dimensions

• 440mm (W) x 210mm (D) x 44mm (H)
(17.32" (W) x 8.19" (D) x 1.73" (H))

Weight

• 2.9Kg (6.4lbs.)

Installation

• Rack mounting

Interface

Ethernet Ports

• Gigabit: 24 ports
• Combo SFP: 16 or 4 ports

LED Indicators

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

Environment

Operating Temperature

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

Storage Temperature

-40°C to 85°C (-40°F to 185°F)

Ambient Relative Humidity

• 5% to 95% (non-condensing)

Regulatory Approvals

ISO

• Manufactured in an ISO 9001 facility

EMI

FCC Part 15B, Class A
VCCI Class A
EN61000-6-4
EN55022 Class A
EN61000-3-2
EN61000-3-3

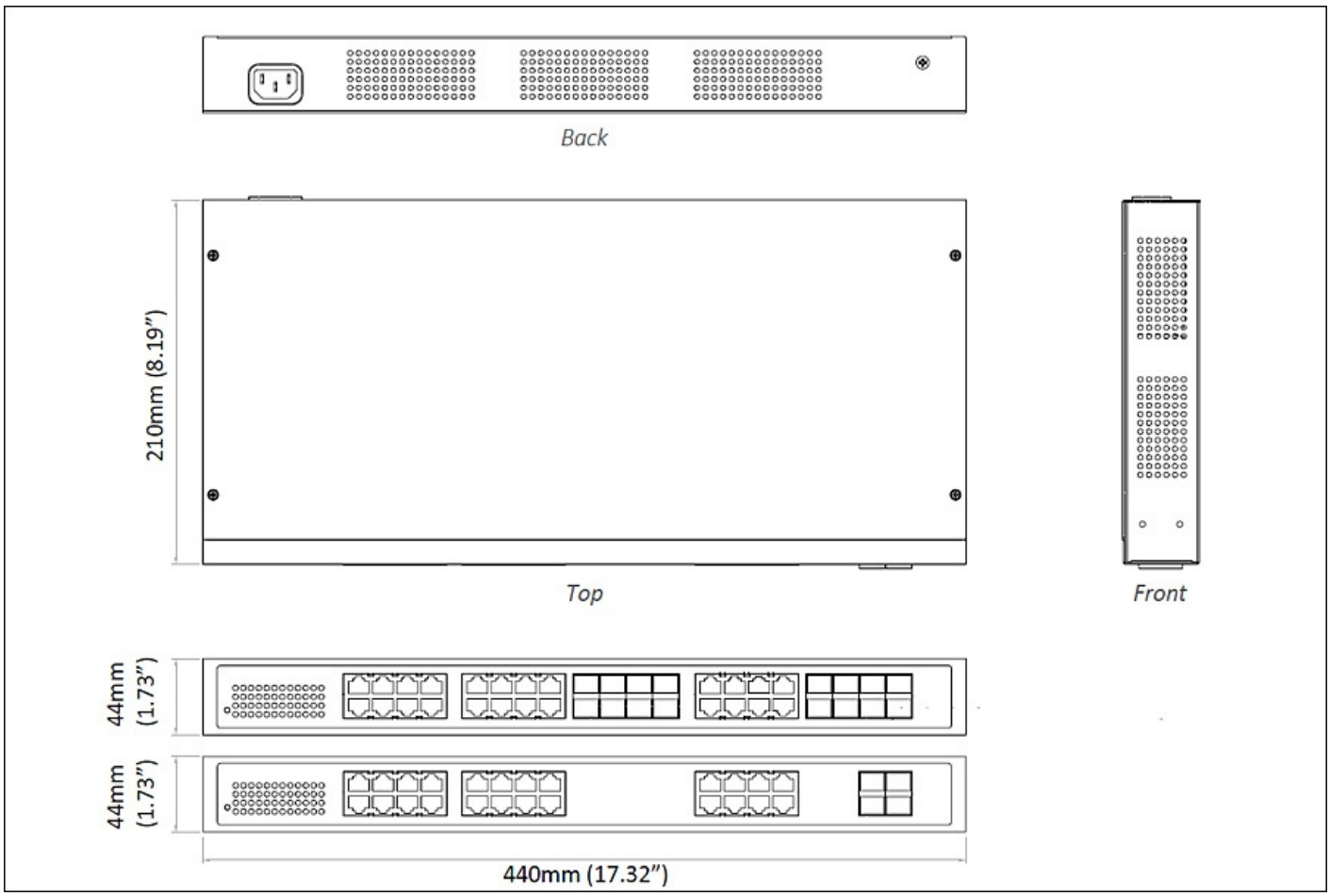
EMS

EN61000-6-2
• EN61000-4-2 (ESD Standards)
• EN61000-4-3 (Radiated RFI Standards)
• EN61000-4-4 (Burst Standards)
• EN61000-4-5 (Surge Standards)
• EN61000-4-6 (Induced RFI Standards)
• EN61000-4-8 (Magnetic Field Standards)
• EN61000-4-11 (Voltage Dips & Voltage Variations)

Environmental Test Compliances

IEC60068-2-6 Fc (Vibration)
IEC60068-2-27 Ea (Shock)
IEC60068-2-32 Ed (Free fall)

Dimensions



Ordering Info

Model

EX39924-16	Industrial Unmanaged 24-port 10/100/1000BASE-T (16-port combo SFP) Ethernet Switch
EX39924-4	Industrial Unmanaged 24-port 10/100/1000BASE-T (4-port combo SFP) Ethernet Switch

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