

## EX17162A

Unmanaged 16-port 10/100BASE-TX PoE (IEEE 802.3at) and 2-port combo Gigabit SFP Ethernet Switch



## Overview

EtherWAN's 17162A provides an 18-port switching platform supporting IEEE802.3at Power over Ethernet, high performance switching with features required for small-business or enterprise environments where sustained connectivity is crucial.

The EX17162A is equipped with 16 10/100BASE-TX PoE ports, in combination with two Gigabit SFP combo ports. The EX17162A is feature rich with full wire speed throughput, making the EX17162A Series a powerful network switch.

The IEEE802.3at PoE ports provide up to 30W/port with a total power budget of 240W, making the switch truly versatile for connecting with PoE Powered Devices (PD) with different bandwidth and power consumption requirements.

EtherWAN — ["When Connectivity is Crucial."](#)

## Spotlight

### Power over Ethernet

- » Supports 16-port IEEE802.3at Power over Ethernet (PoE) and Power Sourcing Equipment (PSE)

### SFP Connectivity

- » Built-in 2-port combo Gigabit SFP for either Gigabit copper or SFP connectivity

### Easy to Install

- » Supports rack mounting
- » Plug-and-play operation

### UL 60950 Certification

- » Certified by UL 60950-1 standard, providing protections to installers from risk of injury or damage

# Specifications

## Technology

### Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-SX/1000BASE-LX
- IEEE 802.3x full duplex and flow control
- IEEE 802.3at Power over Ethernet

### Forward and Filtering Rate

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

### Packet Buffer Memory

- 2.75M 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

- 4096 MAC addresses
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## Power

### Input

- 100-240VAC, 50/60Hz

### Power Consumption

- Device: Max. 19W (without PoE)
- PoE Power Budget: 240 Max.

### PoE Technology

- Alternative B
- Pins 7/8(+), 4/5(-)

### **PoE Power Output**

- IEEE 802.3at: up to 30W/port, 50-57VDC, 600mA Max
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## Mechanical

### **Casing**

- Metal Case

### **Dimensions**

- 440 × 330 × 44mm (W x D x H)  
(17.32" x 13.2" x 1.73")
- Standard 19" rack-mount size, one-unit-height

### **Weight**

- 4.3kg (9.46lbs.)

### **Installation**

- Rack mounting
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## Interface

### **Ethernet Port**

- 10/100BASE-TX: 16 PoE ports
- Gigabit: 2 ports

### **LED Indicators**

- Per Unit: Power Status
  - Per Port 10/100TX: Link/Activity
  - Per port PoE: Activity/Status
  - Per Port Gigabit: Link/Activity
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## Environment

### **Operating Temperature**

- 0 to 45°C (32 to 113°F)

### **Storage Temperature**

- -10 to 70°C (14 to 158°F)

## Ambient Relative Humidity

- 10 to 90% (non-condensing)
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## Regulatory Approvals

### ISO

- Manufactured in an ISO 9001 facility

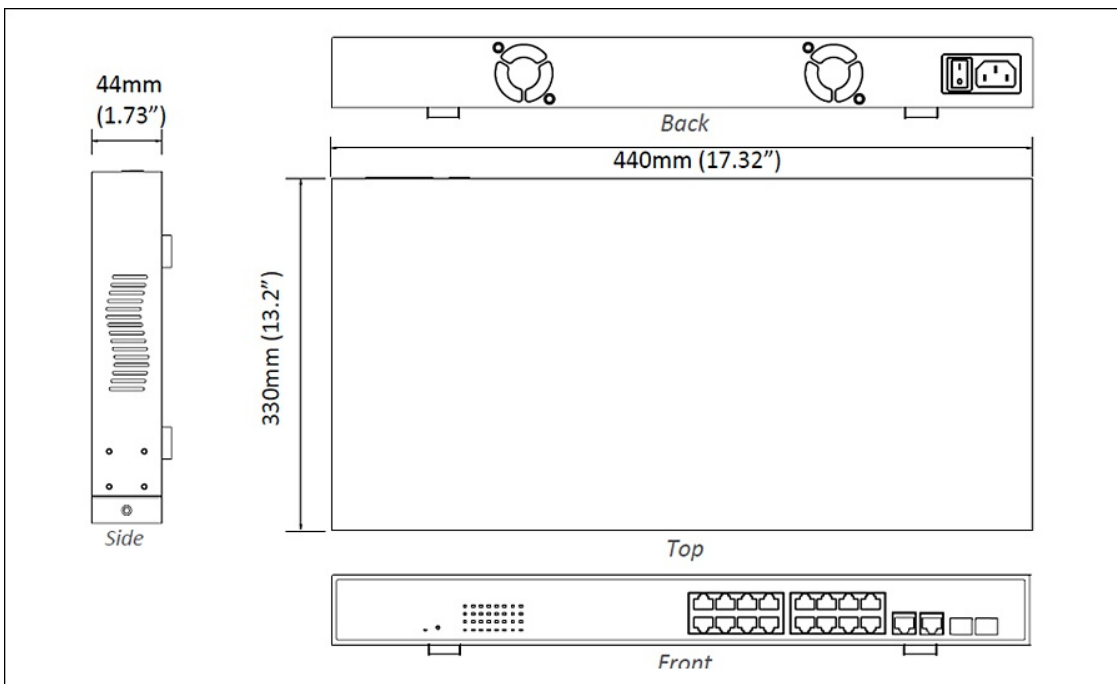
### EMI

CE Mark Class A

FCC Part 15 Class A

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## Dimensions



## Ordering Info

### Model

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\* Rack mounting kit included

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