

# 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 IEEE 802.3at 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 IEEE 802.3at 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 IEEE 802.3at 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

# Hardware 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

## Power

---

### Input

- 100-240VAC, 50/60Hz

### Power Consumption

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

### PoE Technology

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

### PoE Power Output

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

## 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

## 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

## 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)

## Regulatory Approvals

---

### ISO

- Manufactured in an ISO 9001 facility

### Safety

---

### UL 60950

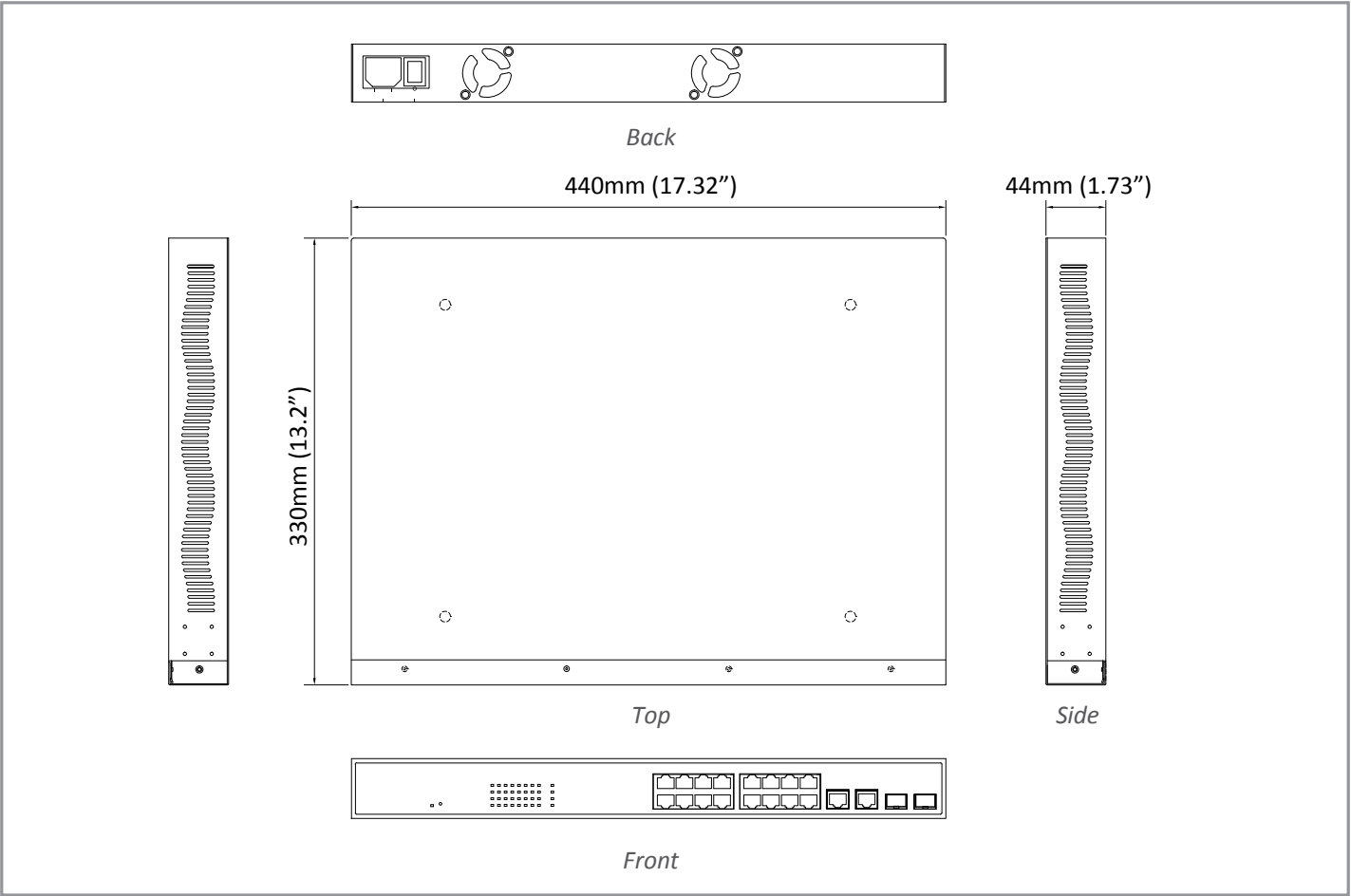
### EMI

---

### CE Mark Class A

### FCC Part 15 Class A

# Dimensions



# Ordering Information

Model	
EX17162A	16-port 10/100BASE-TX PoE (IEEE 802.3at) and 2-port combo Gigabit SFP Unmanaged Ethernet Switch

\* Rack mounting kit included.