

# EX19162A

Unmanaged 16-Port Gigabit PoE Ethernet Switch with 2-Port SFP and 2-Port RJ45



## Overview

EtherWAN's EX19162A is a 20-port Gigabit Power over Ethernet switch with high performance and features suited for small-business and commercial environments. The EX19162A is equipped with 16 10/100/1000BASE-T(X) PoE+ ports along with 4 gigabit uplink ports (2 RJ45 and 2 SFP). With full wire speed throughput, port speeds up to gigabit for 4K cameras and higher, and a power budget of 250W, the EX19162A is the perfect solution for security networking.

## Highlights

### + Power Over Ethernet

Total PoE power budget of 250W to deliver sufficient power to all connected PoE devices

Overloading protection

Power and data over a single cable with gigabit speed capable of handling cameras with 4K resolution and higher and other high bandwidth devices

## Hardware Specifications



## + Interface

### Ethernet

- 10/100/1000BASE-T(X): 18 ports
- 10/100/1000BASE-T(X): 18 ports

### LED Indicators

- Per Unit: Power
- Per Port PoE: Status
- Per Port Link: Link/Activity

### Reset Button

- Restore factory default settings

## + Technology

### Standards

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

### Switching Fabric

- 40Gbps

### MAC Table Size

- 8K

### Packet Buffer Memory

- 4Mb

### Forward/Filtering Rate

- 14,880pps for 10Mbps
- 148,880pps for 100Mbps
- 1,488,000pps for 1000Mbps

### Processing Type

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

## + Power

### Input

- 100-240VAC, 50/60Hz

### Power Consumption

- Device:20W (Without PoE)

### PoE Power Budget

- 250W

## + Physical

### Casing Material

- Metal

### Dimensions

- 17.3" x 8.66" x 1.73" (W x D x H)  
440 x 220 x 44mm (W x D x H)

### Weight

- 6.6lbs (3Kg)

### Installation Type

- Rack Mounting

## + Environmental

### Operating Temp.

- 32 to 122°F (0 to 50°C)

### Storage Temp.

- -4 to 176°F (-20 to 80°C)

### Relative Humidity

- 10% to 90% (non-condensing)

## + Regulatory

### ISO

- Manufactured in ISO-9001 facility

### EMI

- FCC Part 15 Class A

### Safety

- UL 62368-1

## + Warranty

### Length

- Limited Lifetime

### Details

- [www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

## + What's Included

### Device

- Ethernet Switch

### Power

- AC power cord

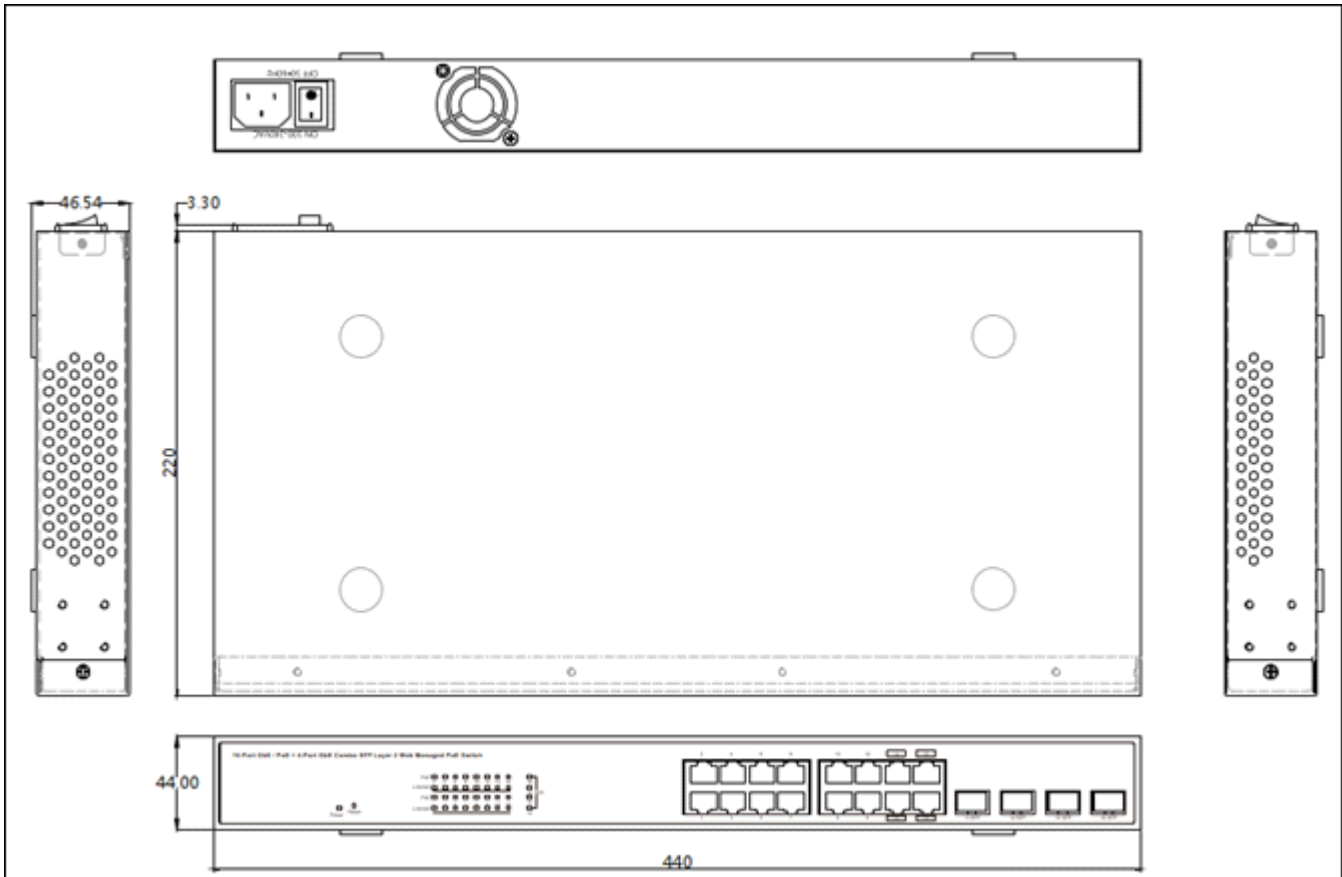
### Installation

- Mounting brackets, screws

### Documentation

- Quick install guide

## Dimensions



## Ordering Info

### + Model

<b>EX19162A</b>	18-port 10/100/1000BASE-T(X) (16 PoE) + 2 1000M SFP
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\* Rack mounting kit included.

