

# 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

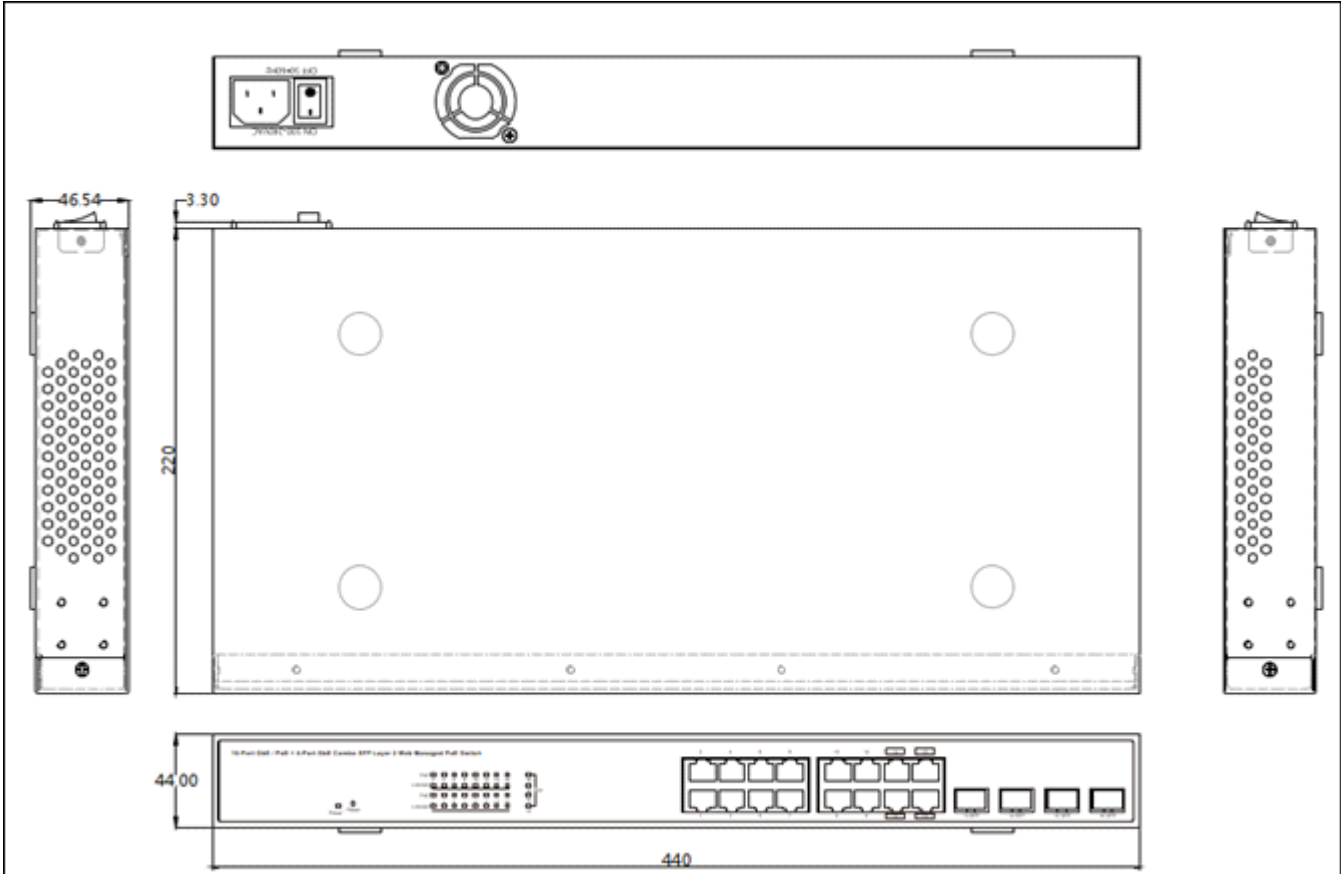
**Device**  
Ethernet Switch

**Power**  
AC power cord

**Installation**  
Mounting brackets, screws

**Documentation**  
Quick install guide

## Dimensions



## Ordering Info

### + Model

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

