

# EX19164A

Unmanaged 16-Port Gigabit PoE Ethernet Switch



## 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

## Overview

EtherWAN's EX19164A is a 16-port Gigabit Power over Ethernet switch with high performance and features suited for small-business and commercial environments. The EX19164A is equipped with 16 10/100/1000BASE-T(X) PoE+ ports with 4 being combo ports with 1000BASE SFP for fiber. With full wire speed throughput, port speeds up to gigabit for 4K cameras and higher, and a power budget of 250W, the EX19164 is the perfect solution for security networks.

EtherWAN — "When Connectivity is Crucial."

## Hardware Specifications

### + Interface

<b>Ethernet</b>	10/100/1000BASE-T(X): 16 ports 1000BASE SFP: 4 ports (combo with ports 13-16)
<b>LED Indicators</b>	Per Unit: Power Per Port PoE: Status Per Port Link: Link/Activity
<b>Reset Button</b>	Restore factory default settings

### + Technology

<b>Standards</b>	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 802.3af Power over Ethernet (PoE) IEEE 802.3at Power over Ethernet (PoE+)
<b>Switching Fabric</b>	32Gbps
<b>MAC Table Size</b>	8K
<b>Packet Buffer Memory</b>	4Mb
<b>Switching Fabric</b>	14,880pps for 10Mbps 148,880pps for 100Mbps 1,488,000pps for 1000Mbps
<b>Processing Type</b>	Store-and-Forward Auto-Negotiation Half-duplex back-pressure full-duplex flow control Auto MDI/MDIX

### + Power

<b>Input</b>	100-240VAC, 50/60Hz
<b>Power Consumption</b>	Device: 23W (without PoE) PoE Power Budget: 250W

### + Physical

<b>Casing Material</b>	Metal
<b>Dimensions</b>	440 x 220 x 44mm (W x D x H) 17.3" x 8.66" x 1.73"
<b>Weight</b>	6.6lbs (3kg)
<b>Installation Type</b>	Rack mounting

### + Environmental

<b>Operating Temp.</b>	0 to 50°C (32 to 122°F)
<b>Storage Temp.</b>	-20 to 80°C (-4 to 176°F)
<b>Relative Humidity</b>	10% to 90% (non-condensing)

### + Regulatory

<b>ISO</b>	Manufactured in ISO-9001 facility
<b>EMI</b>	FCC Part 15 Class A

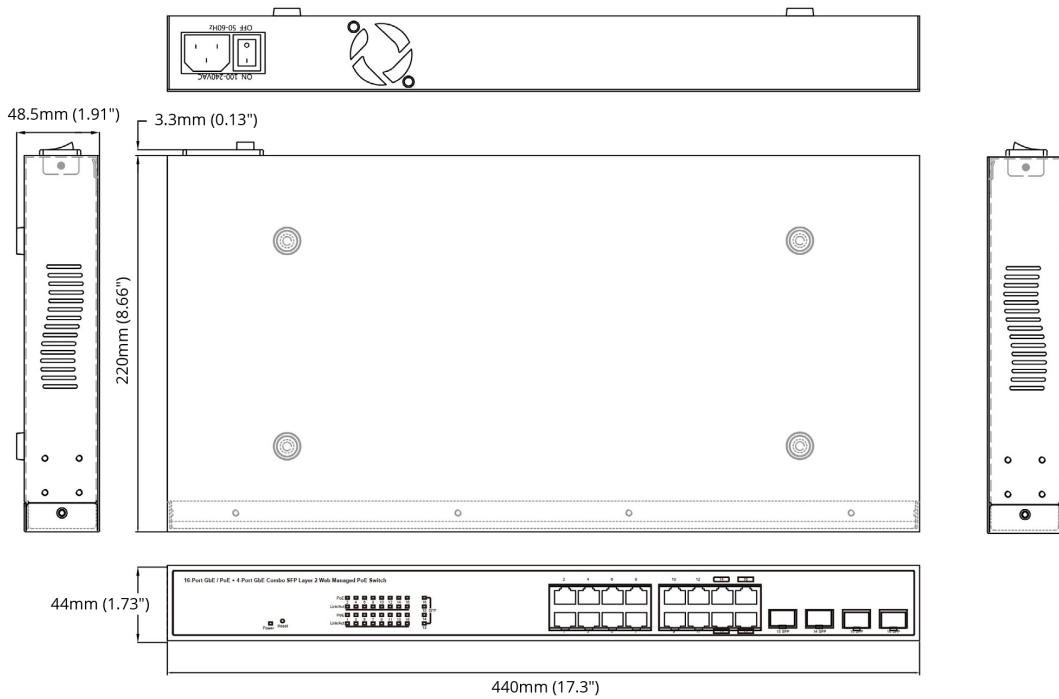
### + Warranty

<b>Length</b>	3 Years
<b>Details</b>	<a href="http://www.etherwan.com/support/warrantypolicy">www.etherwan.com/support/warrantypolicy</a>

### + What's Included

<b>Device</b>	Ethernet Switch
<b>Power</b>	AC power cord
<b>Installation</b>	Mounting brackets, screws
<b>Documentation</b>	Quick Install Guide

## Dimensions



## Ordering Info

### + Model

**EX19164A** 16-port 10/100/1000BASE-T(X) PoE (4-port 1000 SFP combo)

\* Rack mounting kit included.

