

# EX19082A

Unmanaged 10-Port Gigabit PoE Ethernet Switch



## Overview

EtherWAN's EX19082A is a 10-port Gigabit Power over Ethernet switch with high performance and features suited for small-business and commercial environments. The EX19082A is equipped with 8 10/100/1000BASE-T(X) PoE+ ports and 2 Gigabit uplink ports (1 TX + 1 SFP). With full wire speed throughput, port speeds up to gigabit for 4K cameras and higher, and a power budget of 240W, the EX19082A is the perfect solution for security networks.

EtherWAN — "When Connectivity is Crucial."

## Highlights

### + Power over Ethernet

Total PoE power budget of 240W 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): 8 PoE+ ports + 1 TX port
- 1000BASE SFP: 1 port

### LED Indicators

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

## + 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 802.3af Power over Ethernet (PoE)
- IEEE 802.3at Power over Ethernet (PoE+)

### Forward and 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

### Switching Fabric

- 20Gbps

### MAC Table Size

- 8K

### Packet Buffer Memory

- 4Mb

## + Power

### Input

- 100-240VAC, 50/60Hz

### Power Consumption

- Device: 23W (without PoE)
- PoE Power Budget: 240W

## + Physical

### Casing Material

- Metal

### Dimensions

- 266 x 161 x 44mm (W x D x H)
- 10.5" x 6.34" x 1.73"

### Weight

- 4lbs (1.8kg)

### Installation Type

- Rack mounting, Desktop

## + Environmental

### Operating Temp.

- 0 to 50°C (32 to 122°F)

### Storage Temp.

- -10 to 70°C (14 to 158°F)

### Relative Humidity

- 10% to 90% (non-condensing)

## + Regulatory

### ISO

- Manufactured in ISO-9001 facility

### EMI

- FCC Part 15 Class B

### Safety

- UL 60950-1

## + Warranty

### Length

- 3 Years

### Details

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

## + What's Included

### Device

- Ethernet Switch

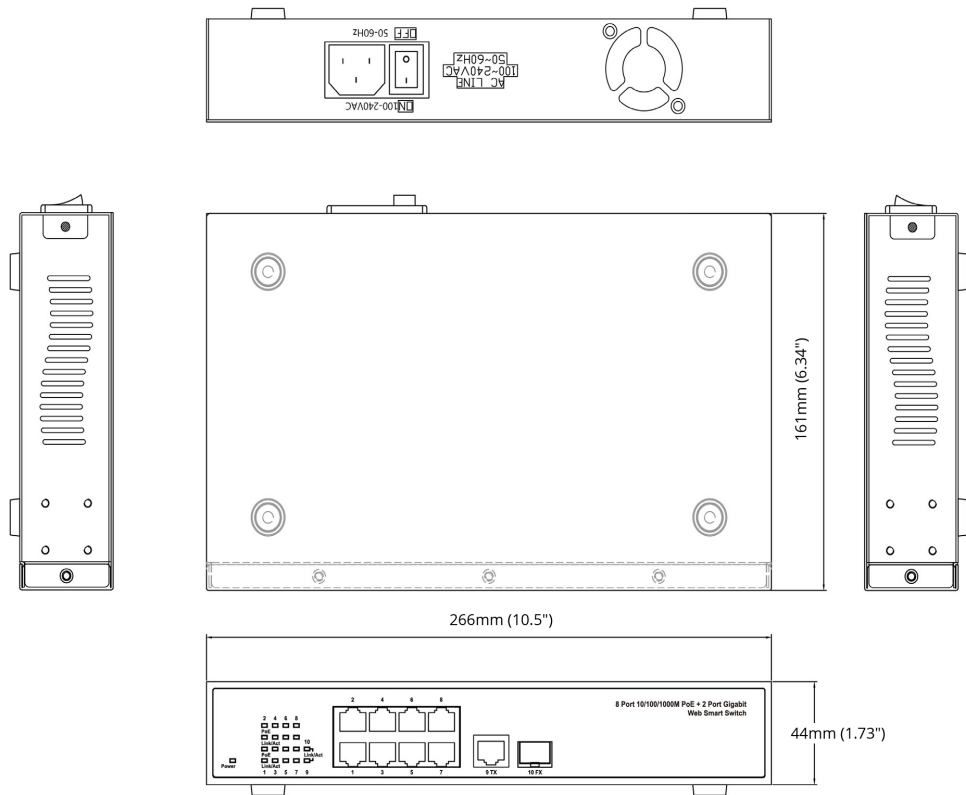
### Power

- AC power cord

### Documentation

- Quick Install Guide

# Dimensions



# Ordering Info

## + Model

EX19082A	8-port 10/100/1000BASE-T(X) PoE + 1-port 10/100/1000BASE-T(X) + 1-port 1000BASE SFP
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