

# EX17082

Web-Smart 8-port 10/100BASE-TX PoE (IEEE802.3at)  
and 2-port combo Gigabit SFP Ethernet Switch



## Overview

EtherWAN's EX17082 provides a 10-port switching platform supporting IEEE802.3at Power over Ethernet, high performance switching with features required for small-business or enterprise environments where sustained connectivity is crucial.

The EX17082 is equipped with 8 10/100BASE-TX PoE ports, in combination with two Gigabit SFP ports. The EX17082 is feature rich with full wire speed throughput, QoS support, making the EX17082 Series a powerful network switch.

The IEEE802.3at PoE ports provide up to 30W/port with a PoE power budget of 240W, making the switch truly versatile for connecting with PoE Powered Devices (PD) with different bandwidth and power consumption requirements such as; outdoor PTZ dome cameras, wireless access points, and way-side communication devices.

Users are able to access management features such as; IP configuration, QoS, VLANs, trunking and via web browser interfaces.

EtherWAN — "When Connectivity is Crucial."

## Spotlight

### • Power over Ethernet

- Supports 8-port IEEE802.3at 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

### • Web-Managed Interface

- Comprehensive IP configuration, QoS, VLANs and trunking

# Hardware Specifications

## Technology

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### Standards

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX/100BASE-FX
- IEEE802.3x Full duplex and flow control
- IEEE802.3ab 1000BASE-T
- IEEE802.3z 1000BASE-SX/LX
- IEEE802.1p QoS
- IEEE802.3af/at 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
- Half-duplex back-pressure and IEEE802.3x full-duplex flow control

### Address Table Size

- 4096 MAC addresses

## Power

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### Input

- 100 to 240VAC, 50/60Hz

### Power Consumption

- Device: Max. 11W (without PoE)
- PoE power budget: 240 W Max.

### PoE Technology

- Alternative A
- Pins 1/2(+), 3/6(-)

### PoE Power Output

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

## Mechanical

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### Casing

- Metal Case

### Dimensions

- 440mm (W) x 220mm (D) x 44mm (H)  
(17.32" (W) x 8.66" (D) x 1.73" (H))
- Standard 19" rack-mount size, one-unit-height

### Weight

- 3.1Kg (6.83lbs.)

### Installation

- Rack mounting

## Interface

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### Ethernet Port

- 10/100BASE-TX: 8 PoE ports
- Gigabit: 2ports

### LED Indicators

- Per Unit: Power Status
- Per Port 10/100TX: Link Activity
- Per port PoE: Act/status
- Per port Gigabit: Link/Activity, 1000M

## Environment

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### Operating Temperature

- 0°C to 45°C (32°F to 113°F)

### Storage Temperature

- -10°C to 70°C (14°F to 158°F)

### Ambient Relative Humidity

- 10% to 95% (non-condensing)

## Regulatory Approvals

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### ISO

- Manufactured in an ISO 9001 facility

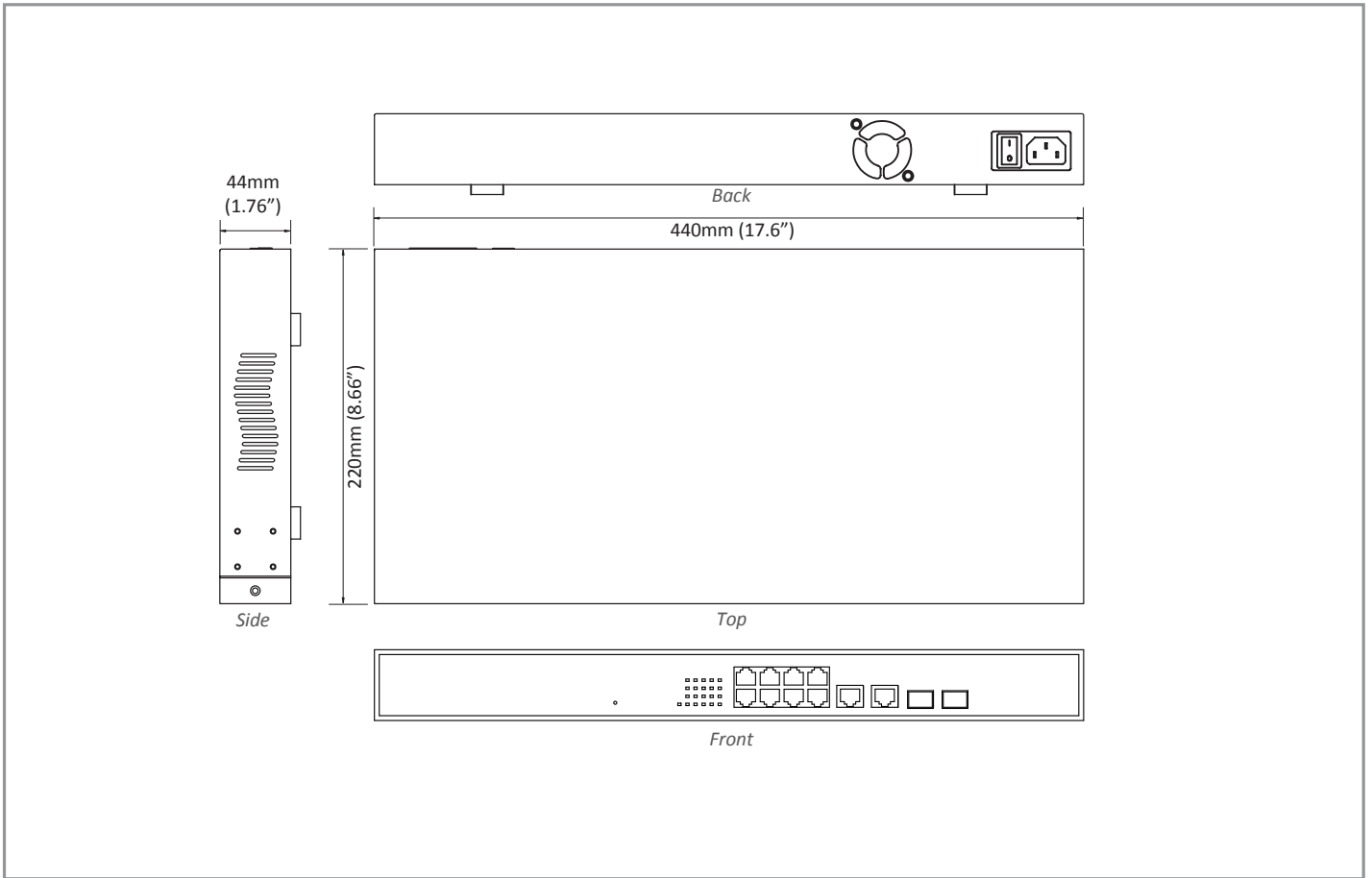
### Emission Compliance

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#### CE Mark Class A

#### FCC Part 15 Class A

## Dimensions



## Ordering Information

### Model

**EX17082**

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\* Rack mounting kit included