

# EX17908

Web-smart 8-port 10/100/1000BASE-T PoE (IEEE 802.3at) Ethernet Switch



## Overview

EtherWAN's EX17908 provides an 8-port switching platform supporting IEEE 802.3at Power over Ethernet, high performance switching with features required for small-business enterprise environments.

The EX17908 is equipped with 8 10/100/1000BASE-TX PoE ports. The EX17908 is feature-rich with full wire speed throughput, QoS support, making the EX17908 Series a powerful network switch.

The IEEE 802.3at PoE ports provide up to 30W/port with a total 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 IEEE 802.3at Power over Ethernet (PoE) and Power Sourcing Equipment (PSE)
- » PoE power output up to 30W/port, power budget up to 240W

### Web-Smart Switch

- » PoE (Power status, Link status), System, IP configuration, Port-based VLAN, QoS Priority through the web browser interface.

### Easy to Install

- » Internal universal PSU 100VAC-240VAC, 50-60HZ

# Specifications

## Technology

### Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX/100BASE-FX
- IEEE 802.3x Full duplex and flow control
- IEEE 802.3ab 1000BASE-TX
- IEEE 802.3af/at Power over Ethernet

### Forward and Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps
- 1,488,100pps for 1000Mbps

### Packet Buffer Memory

- 2M bits

### Processing Type

- Store-and-Forward
- Half-duplex back-pressure and IEEE 802.3x full-duplex flow control

### Jumbo Frame

- 9.6K bytes

### Address Table Size

- 8192 MAC addresses

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## Power

### Input

- 100 to 240VAC, 50/60Hz

### Power Consumption

- Device: Max. 8.8W (without PoE)
- PoE power budget: 240W Max.

### PoE Power Output

- IEEE 802.3at: up to 30W/port, 55VDC, 545mA Max.

## PoE Technology

- Alternative A, Pins 1/2(+), 3/6(-)
  - Alternative B, Pins 7/8(+), 4/5(-)
- 

## Mechanical

### Casing

- Metal Case

### Dimensions

- 266 x 160 x 44mm (W x D x H)  
(10.47" x 6.30" x 1.73")

### Weight

- 1.52Kg (3.35lbs.)

### Installation

- Desktop, Rack Mounting
- 

## Interface

### Ethernet Port

- 10/100/1000BASE-T: 8 ports (PoE)

### LED Indicators

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

## Environment

### Operating Temperature

- 0 to 40°C (32 to 104°F)

### Storage Temperature

- -10 to 70°C (14 to 158°F)

### Ambient Relative Humidity

- 10% to 95% (non-condensing)
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## Regulatory Approvals

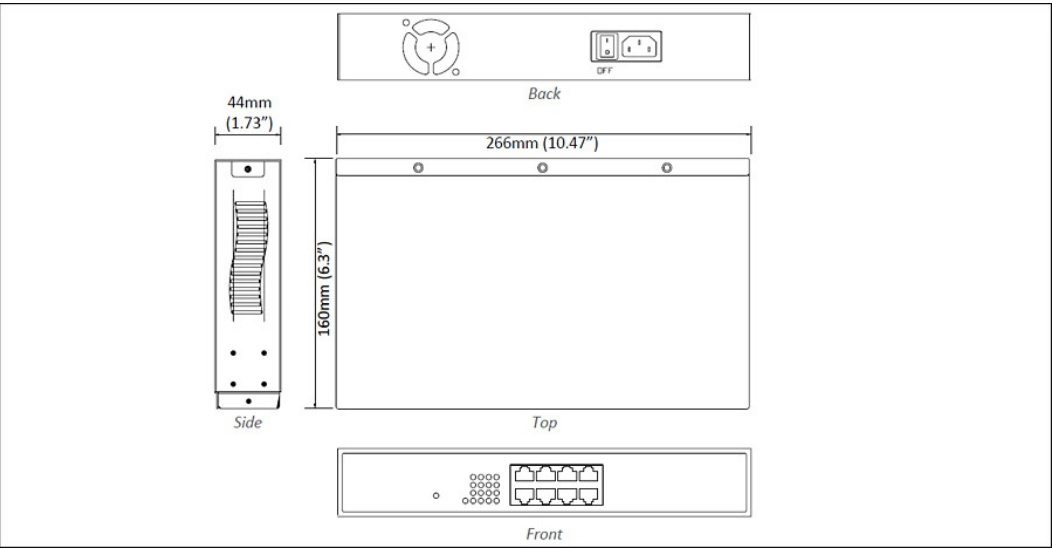
### ISO

- Manufactured in an ISO 9001 facility

### Emission Compliance

CE Mark Class A, FCC Part 15 Class A

## Dimensions



## Ordering Info

### Model

|         |                                                                       |
|---------|-----------------------------------------------------------------------|
| EX17908 | 8-port 10/100/1000BASE-T PoE (IEEE 802.3at) Web-smart Ethernet Switch |
|---------|-----------------------------------------------------------------------|

## Optional Accessories

|         |                                                                                     |                           |
|---------|-------------------------------------------------------------------------------------|---------------------------|
| KR-BK17 |  | Rack mounting kit (black) |
|---------|-------------------------------------------------------------------------------------|---------------------------|



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