

# EX17016A

Unmanaged 16-port 10/100BASE-TX PoE Ethernet Switch



## Overview

EtherWAN's 17016A provides a 16-port switching platform supporting IEEE802.3af Power over Ethernet, high performance switching with features required for small-business or enterprise environments where sustained connectivity is crucial.

The EX17016A is equipped with 16 10/100BASE-TX PoE ports. The EX17016A is feature rich full with wire speed throughput, making the EX17016A Series a powerful network switch.

The IEEE802.3af PoE ports provide up to 15.4W/port with a total power budget of 246.4W, making the switch truly versatile for connecting with PoE Powered Devices (PD) with different bandwidth and power consumption requirements.

## Spotlight

### • Power over Ethernet

- Supports 16-port IEEE802.3af Power over Ethernet (PoE) and Power Sourcing Equipment (PSE)

### • Easy to Install

- Supports rack mounting
- Plug-and-play operation

## Ordering Information

### Model

EX17016A	Unmanaged 16-port 10/100BASE Fast Ethernet PoE Ethernet Switch
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\* Rack mounting kit included

# Hardware Specifications

## Technology

### Standards

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX/100BASE-FX
- IEEE802.3x Full duplex and flow control
- IEEE802.3af Power over Ethernet

### Forward and Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps

### Packet Buffer Memory

- 1.5M bits

### Processing Type

- Store-and-Forward
- Half-duplex back-pressure and IEEE802.3x full-duplex flow control

### Address Table Size

- 4096 MAC addresses

## Power

### Input

- 100 to 240VAC, 50/60Hz

### Power Consumption

- 260W Max.

### Power Consumption

- Device: Max. 13.5W (without PoE)
- PoE power budget: 246.4W Max.

### PoE Power Output

- IEEE802.3af: up to 15.4W/port, 47 - 55VDC, 350mA Max

## Mechanical

### 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

- 3.8Kg (8.37lbs.)

### Installation

- Rack mounting

## Interface

### Ethernet Port

- 10/100BASE-TX: 16 PoE ports

### LED Indicators

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

## Environment

### 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

### ISO

- Manufactured in an ISO9001 facility

### EMI

### CE Mark Class B, FCC Part 15, Class B

### Safety

### UL60950-1, EN60950-1, IEC60950-1

## Dimensions

