

# EX17016 Series

16-port 10/100Base Fast Ethernet Web-Smart PoE Ethernet Switches



## Overview

EtherWAN's EX17016 10/100Base Fast Ethernet Web-Smart PoE Ethernet Switches is designed to operate in the small or medium network environment to provide Power to PoE driven devices, such as PoE IP cameras. The EX17016 supports Rack mounted installation.

All 16 ports on the EX17016 support IEEE802.3af Power over Ethernet (PoE) Power Sourcing Equipment (PSE) and can detect an IEEE802.3af compliant Powered Device (PD). Data and power can be transmitted to a Powered Device (PD) over the same twisted-pair Ethernet cable through any port on the EX17016.

The EX17016 provides a Web browser interface that allows the user to configure IP settings, Port based VLAN, QoS settings, and load default settings as well as indicate the status of the switch such as PoE conditions, Link status.

## Features

- Supports IEEE802.3af Power over Ethernet (PoE) Power Sourcing Equipment (PSE)
- Full PoE Power supplies up to 15.4W per port
- 4096 MAC addresses
- 1.5M bits buffer memory
- PoE (Power status, Link status) through the Web browser Interface
- System, IP Configuration, Port-based VLAN, QoS Mode, QoS Priority through the Web browser Interface
- 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
- Full wire-speed forwarding rate
- 100 ~ 240VAC, 50~60Hz Internal Universal PSU
- 0°C to 45°C (32°F to 113°F) operating temperature range
- Metal case
- Supports Rack Mounting installation

## Ordering Information

EX17016	16-port 10/100Base Fast Ethernet Web-smart PoE Ethernet Switches
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Installation Type: Rack mounting (mounting kit is included)

## Specifications

### Technology

#### Standards:

- IEEE 802.3af, IEEE802.3 10Base-T, IEEE802.3u 100Base-TX/FX, IEEE802.3x

#### 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 ~ 240VAC, 50~60Hz Internal Universal PSU

#### Power Consumption:

- 260W 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 ports

#### LED Indicators:

- Per Unit: Power Status
- Per Port: 10/100TX, 100FX: Link/Activity, 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

#### Emission Compliance:

- FCC Part 15, Class A, CE mark Class A

#### Safety:

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

## Diagrams

