

# EX16916 Series

## Unmanaged 16-port Gigabit Ethernet Switch



## Overview

The EX16916 Series is equipped with sixteen Gigabit Ethernet ports and feature rich with 9K Jumbo Frame support, full wire speed Gigabit throughput, QoS support and eco-friendly IEEE802.3az EEE (Energy Efficient Ethernet) compliant, making the EX16916 Series a powerful yet energy efficient network switch.

EtherWAN – "When Connectivity is Crucial."

## Spotlight

### • Jumbo Frame Support

- Up to 9K bytes

### • High Reliability

- Fanless design
- No moving parts

### • Eco-friendly support

- IEEE802.3az EEE (Energy Efficient Ethernet) allow less consumption during periods of low data activity

### • QoS

- Traffic classification based on IEEE802.1p CoS

## Ordering Information

### Model

EX16916	Unmanaged 16-port 10/100/1000BASE-T Gigabit Ethernet Switch
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# Hardware Specifications

## Technology

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### Standards

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX/100BASE-FX
- IEEE802.3ab 1000BASE-T
- IEEE802.3x, Full duplex flow control
- IEEE802.3az Energy Efficient Ethernet
- IEEE802.1p Quality of Service (QoS)

### Forward and Filtering Rate

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

### Packet Buffer Memory

- 256KB

### Processing Type

- Store-and-Forward
- Auto Negotiation
- Half-duplex back-pressure and IEEE802.3x full-duplex flow control
- Auto MDI/MDIX

### Jumbo Frame

- 9K bytes

### Address Table Size

- 8K MAC addresses

## Power

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### Input Voltage

- 100 to 240VAC

### Power Consumption

- 8.1W Max. 0.85A.

## Mechanical

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### Casing

- Metal case
- IP30

### Dimensions

- 42mm (H) x 216mm (W) x 133mm (D)  
(1.68" (H) x 8.64" (W) x 5.32" (D))

### Weight

- 0.9Kg (1.98lbs.)

### Installation

- Rack-mount (rack mounting kit included)

## Interface

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### Ethernet Port

- 10/100/1000BASE-T: 16 ports

### LED Indicators

- Per Unit: Power (Green)
- Per Port: Link & Activity (Green)

## Environment

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### Operating Temperature

- 0°C to 50°C (32°F to 122°F)

### Storage Temperature

- -40°C to 70°C (-40°F to 158°F)

### Ambient Relative Humidity

- 10% to 95% (non-condensing)

## Regulatory Approvals

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### ISO

- Manufactured in an ISO9001 facility

### EMI

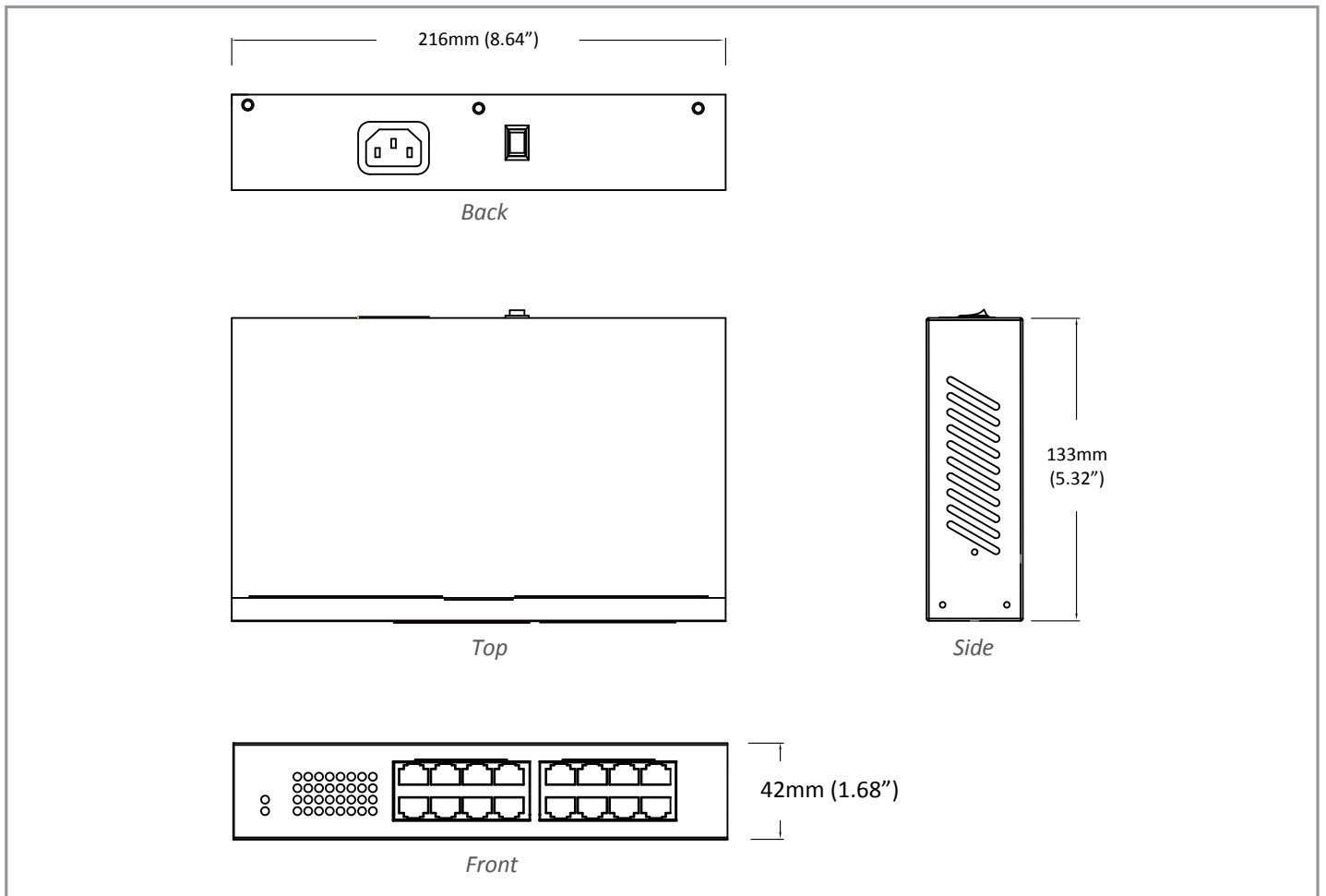
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### FCC Class B

### CE Class B

### LVD EN60950-1

## Dimensions



## Application Diagram

