

EX17016

Web-smart 16-port 10/100BASE-TX PoE Ethernet Switch



Overview

EtherWAN's EX17016 provides a 16-port switching platform supporting IEEE802.3af Power over Ethernet, high performance switching with features required for enterprise environments.

The EX17016 is equipped with 16 10/100BASE-TX PoE ports. The EX17016 is feature rich with full wire speed throughput, making the EX17016 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.

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

• Web-Managed Interface

- Comprehensive IP configuration, QoS, VLANs and trunking

Ordering Information

Model

EX17016	Web-smart 16-port 10/100BASE-TX PoE Ethernet Switch
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* Rack mounting kit included

Hardware Specifications

Technology

Standards

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX
- IEEE802.3x full duplex and flow control
- IEEE 802.3af Power over Ethernet (PoE)

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

- 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
- Per port Gigabit: Link/Act

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

FCC Part 15, Class B

CE mark Class B

Safety

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

Dimensions

