EX17162A

Unmanaged 16-port 10/100BASE-TX PoE (IEEE 802.3at) and 2-port combo Gigabit SFP Ethernet Switch



Overview

EtherWAN's 17162A provides an 18-port switching platform supporting IEEE802.3at Power over Ethernet, high performance switching with features required for small-business or enterprise environments where sustained connectivity is crucial.

The EX17162A is equipped with 16 10/100BASE-TX PoE ports, in combination with two Gigabit SFP combo ports. The EX17162A isfeature rich with full wire speed throughput, making the EX17162A Series a powerful network switch.

The IEEE802.3at 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.

EtherWAN — "When Connectivity is Crucial."

Spotlight

Power over Ethernet

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

SFP Connectivity

» Built-in 2-port combo Gigabit SFP for either Gigabit copper or SFP connectivity

Easy to Install

» Supports rack mounting
» Plug-and-play operation

UL 60950 Certification

» Certified by UL 60950-1 standard, providing protections to installers from risk of injury or damage

Specifications

Technology

Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-SX/1000BASE-LX
- IEEE 802.3x full duplex and flow control
- IEEE 802.3at Power over Ethernet

Forward and Filtering Rate

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

Packet Buffer Memory

- 2.75M bits

Processing Type

- Store-and-Forward
- Auto Negotiation
- Half-duplex back-pressure and IEEE 802.3x full-duplex flow control
- Auto MDI/MDIX

Address Table Size

- 4096 MAC addresses

Power

Input

- 100-240VAC, 50/60Hz

Power Consumption

- Device: Max. 19W (without PoE)
- PoE Power Budget: 240 Max.

PoE Technology

- Alternative B
  Pins 7/8(+), 4/5(-)

PoE Power Output

• IEEE 802.3at: up to 30W/port, 50-57VDC, 600mA Max

Mechanical

Casing

• Metal Case

Dimensions

• 440 × 330 × 44mm (W x D x H)
(17.32" x 13.2" x 1.73")
• Standard 19" rack-mount size, one-unit-height

Weight

• 4.3kg (9.46lbs.)

Installation

• Rack mounting

Interface

Ethernet Port

• 10/100BASE-TX: 16 PoE ports
• Gigabit: 2 ports

LED Indicators

• Per Unit: Power Status
• Per Port 10/100TX: Link/Activity
• Per port PoE: Activity/Status
• Per Port Gigabit: Link/Activity

Environment

Operating Temperature

• 0 to 45°C (32 to 113°F)

Storage Temperature

• -10 to 70°C (14 to 158°F)

Ambient Relative Humidity

• 10 to 90% (non-condensing)

Regulatory Approvals

ISO

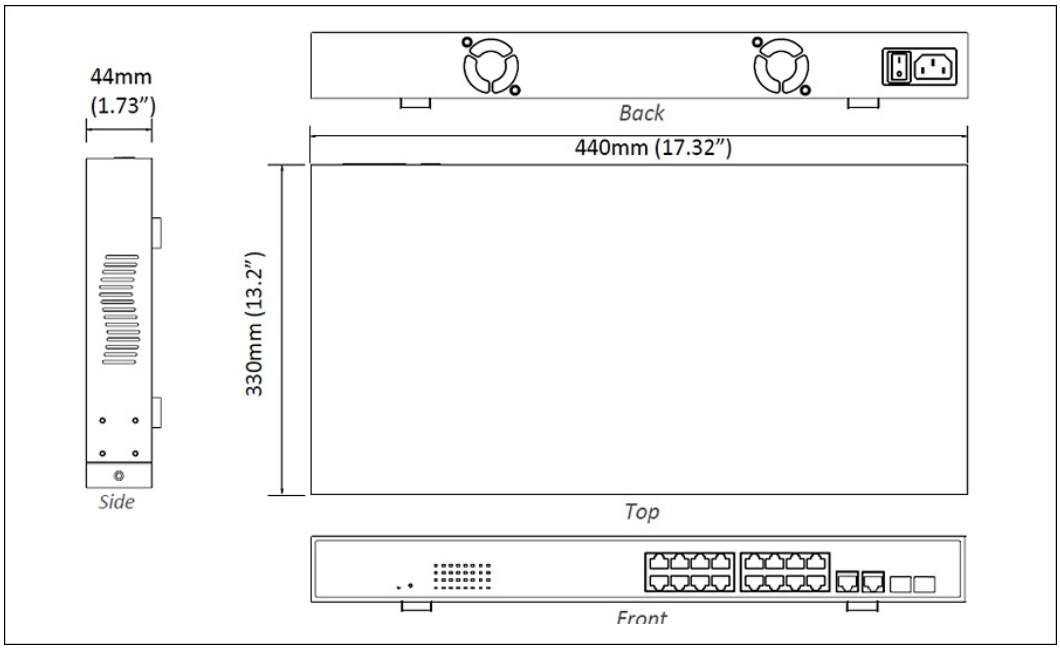
• Manufactured in an ISO 9001 facility

EMI

CE Mark Class A

FCC Part 15 Class A

Dimensions



Ordering Info

Model

EX17162A	Unmanaged 16-port 10/100BASE-TX PoE (IEEE802.3at) and 2-port combo Gigabit SFP Ethernet Switch

* Rack mounting kit included

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