

EX17162A

Unmanaged 16-port 10/100BASE-TX PoE (IEEE802.3at)
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 is feature 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

Hardware Specifications

Technology

Standards

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX
- IEEE802.3ab 1000BASE-T
- IEEE802.3z 1000BASE-SX/1000BASE-LX
- IEEE802.3x full duplex and flow control
- IEEE802.3at 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 IEEE802.3x full-duplex flow control
- Auto MDI/MDIX

Address Table Size

- 4096 MAC addresses

Power

Input

- 100 to 240VAC, 50/60Hz

Power Consumption

- Device: Max. 19W (without PoE)
- PoE power budget: 240W Max.

PoE Technology

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

PoE Power Output

- IEEE802.3at: up to 30W/port, 50 - 57VDC, 600mA Max

Mechanical

Casing

- Metal Case

Dimensions

- 440mm (W) × 330mm (D) × 44mm (H)
(17.32" (W) × 13.2" (D) × 1.76" (H))
- Standard 19" rack-mount size, one-unit-height

Weight

- 4.3 kg (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: Act/status
- Per Port Gigabit: Link/Activity

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 90% (non-condensing)

Regulatory Approvals

ISO

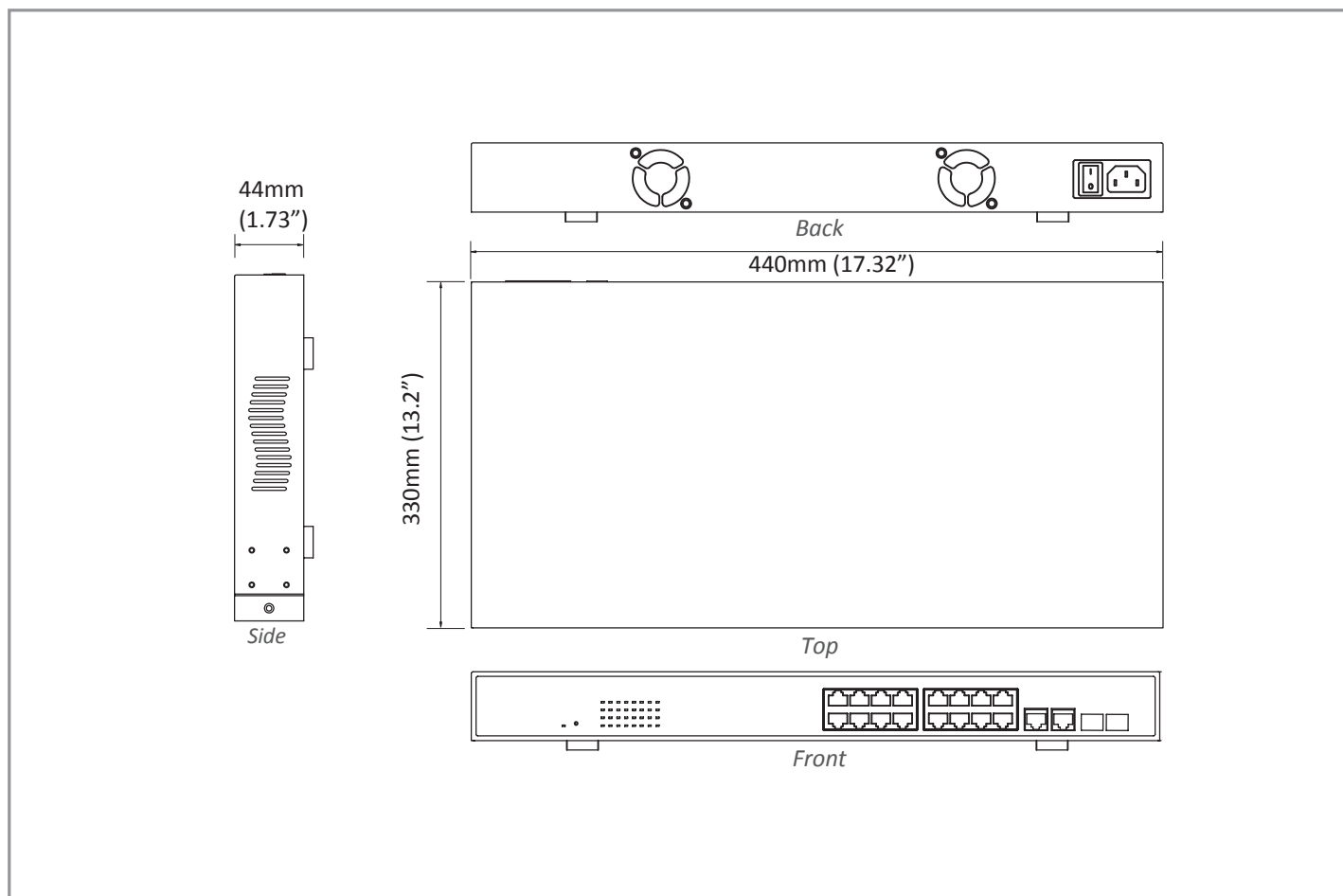
- Manufactured in an ISO 9001 facility

EMI

CE Mark Class A

FCC Part 15 Class A

Dimensions



Ordering Information

Model

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* Rack mounting kit included