



migrate-ed9.hellosanta.tw/products/ex17162a-0 EX17162A

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 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

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

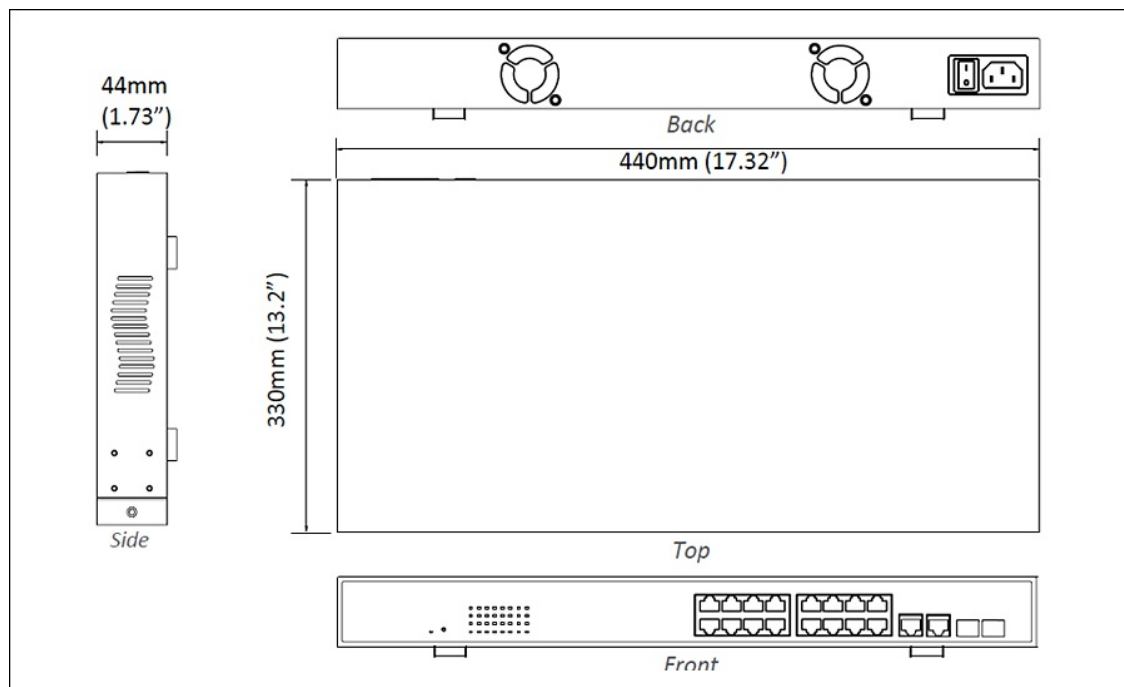
ISO

- 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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