EX17162

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



Overview

EtherWAN's EX17162 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 EX17162 is equipped with 16 10/100BASE-TX PoE ports, in combination with two Gigabit SFP ports. The EX17162 is feature rich with full wire speed throughput, QoS support, making the EX17162 Series a powerful network switch.

The IEEE802.3at PoE ports provide up to 30W/port with a PoE power budget of 240W, making the switch truly versatile for connecting with PoE Powered Devices (PD) with different bandwidth and power consumption.

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 IEEE802.3at 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

Web-Managed Interface

» Comprehensive IP configuration, QoS, VLANs and trunking

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 802.1p QoS
• IEEE 802.3af/at Power over Ethernet (PoE)

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
• Half-duplex back-pressure and IEEE 802.3x full-duplex flow control

Address Table Size
• 4096 MAC Addresses

Power

Input
• 100-240VAC, 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
• IEEE 802.3at: up to 30W/port, 50-57VDC, 600mA Max

Mechanical

Casing
• Metal Case

Dimensions
• 440 × 330 × 44mm (W × D × 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 Approval

ISO
• Manufactured in an ISO 9001 facility

Safety

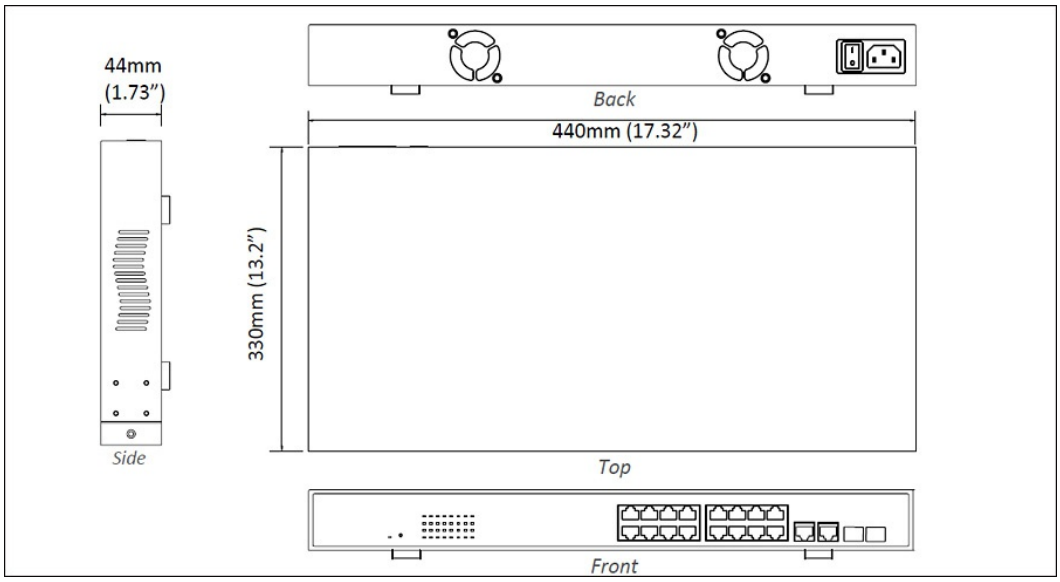
UL 60950

EMI

CE Mark Class A

FCC Part 15 Class A

Dimensions



Ordering Info

Model

EX17162	Web-smart 16-port 10/100BASE-TX PoE (IEEE802.3at) and 2-port combo Gigabit SFP Ethernet Switch

* Rack mounting kit included

© EtherWAN Systems, Inc. All rights reserved. 20220721

EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.