EX17082

Web-Smart 8-port 10/100BASE-TX PoE (IEEE 802.3at) and 2-port combo Gigabit SFP Ethernet Switch



Overview

EtherWAN's EX17082 provides a 10-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 EX17082 is equipped with 8 10/100BASE-TX PoE ports, in combination with two Gigabit SFP ports. The EX17082 is feature rich with full wire speed throughput, QoS support, making the EX17082 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 requirements such as; outdoor PTZ dome cameras, wireless access points, and way-side communication devices.

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 8-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

Specifications

Technology

Standards

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX/100BASE-FX
- IEEE802.3x Full duplex and flow control
- IEEE802.3ab 1000BASE-T
- IEEE802.3z 1000BASE-SX/LX
- IEEE802.1p QoS
- IEEE802.3af/at 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
- 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. 11W (without PoE)
- PoE power budget: 240W Max.

PoE Technology

- Alternative A, Pins 1/2(+), 3/6(-)

PoE Power Output

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

Mechanical

Casing

• Metal Case

Dimensions

• 440 x 220 x 44mm (W x D x H)
(17.32" x 8.66" x 1.73")
• Standard 19" rack-mount size, one-unit-height

Weight

• 3.1Kg (6.83lbs.)

Installation

• Rack mounting

Interface

Ethernet Port

• 10/100BASE-TX: 8 PoE ports
• Gigabit: 2ports

LED Indicators

• Per Unit: Power Status
• Per Port 10/100TX: Link Activity
• Per port PoE: Act/status
• Per port Gigabit: Link/Activity, 1000M

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 95% (non-condensing)

Regulatory Approvals

ISO

• Manufactured in an ISO 9001 facility

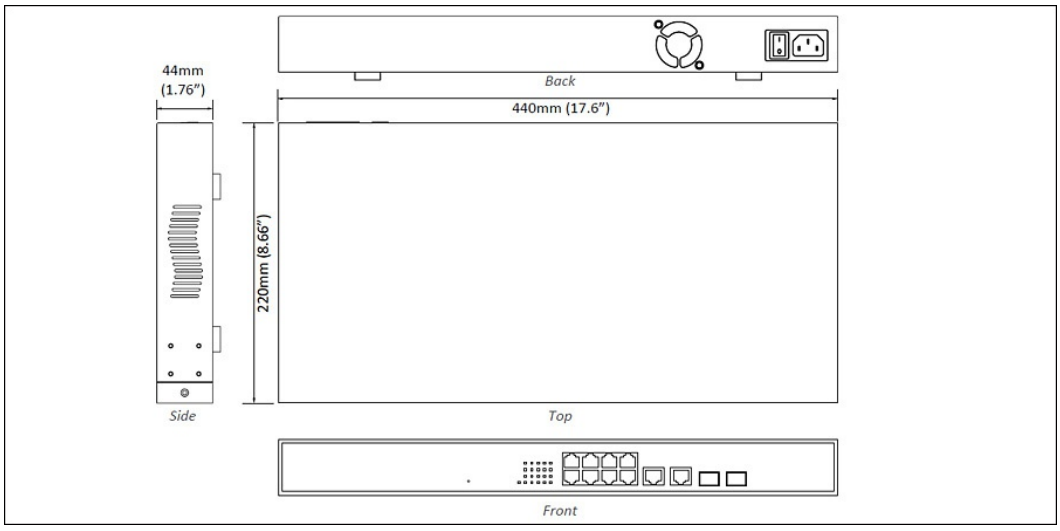
Safety

UL 60950

Emission Compliance

CE Mark Class A, FCC Part 15 Class A

Dimensions



Ordering Info

Model

EX17082	8-port 10/100BASE-TX PoE (IEEE802.3at) and 2-port combo Gigabit SFP Web-smart Ethernet Switch

* Rack mounting kit included

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