EX19164A

Unmanaged 16-Port Gigabit PoE Ethernet Switch

![EtherWAN logo]

Highlights

✛ Power over Ethernet

Total PoE power budget of 250W to deliver sufficient power to all connected PoE devices
Overloading protection
Power and data over a single cable with gigabit speed capable of handling cameras with 4K resolution and higher and other high bandwidth devices

Overview

EtherWAN's EX19164A is a 16-port Gigabit Power over Ethernet switch with high performance and features suited for small-business and commercial environments. The EX19164A is equipped with 16 10/100/1000BASE-T(X) PoE+ ports with 4 being combo ports with 1000BASE SFP for fiber. With full wire speed throughput, port speeds up to gigabit for 4K cameras and higher, and a power budget of 250W, the EX19164 is the perfect solution for security networks.

EtherWAN — "**When Connectivity is Crucial.**"

Hardware Specifications

➕ Interface

Ethernet	10/100/1000BASE-T(X): 16 ports 1000BASE SFP: 4 ports (combo with ports 13-16)
LED Indicators	Per Unit: Power Per Port PoE: Status Per Port Link: Link/Activity
Reset Button	Restore factory default settings

➕ 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 802.3af Power over Ethernet (PoE) IEEE 802.3at Power over Ethernet (PoE+)
Switching Fabric	32Gbps
MAC Table Size	8K
Packet Buffer Memory	4Mb
Switching Fabric	14,880pps for 10Mbps 148,880pps for 100Mbps 1,488,000pps for 1000Mbps
Processing Type	Store-and-Forward Auto-Negotiation Half-duplex back-pressure full-duplex flow control Auto MDI/MDIX

➕ Power

Input	100-240VAC, 50/60Hz
Power Consumption	Device: 23W (without PoE) PoE Power Budget: 250W

➕ Physical

Casing Material	Metal
Dimensions	440 x 220 x 44mm (W x D x H) 17.3" x 8.66" x 1.73"
Weight	6.6lbs (3kg)
Installation Type	Rack mounting

➕ Environmental

Operating Temp.	0 to 50°C (32 to 122°F)
Storage Temp.	-20 to 80°C (-4 to 176°F)
Relative Humidity	10% to 90% (non-condensing)

➕ Regulatory

ISO	Manufactured in ISO-9001 facility
EMI	FCC Part 15 Class A

➕ Warranty

Length	3 Years
Details	www.etherwan.com/support/warrantypolicy

➕ What's Included

Device	Ethernet Switch
Power	AC power cord
Installation	Mounting brackets, screws
Documentation	Quick Install Guide

Dimensions

48.5mm (1.91")	3.3mm (0.13")

220mm (8.66")

44mm (1.73")

440mm (17.3")
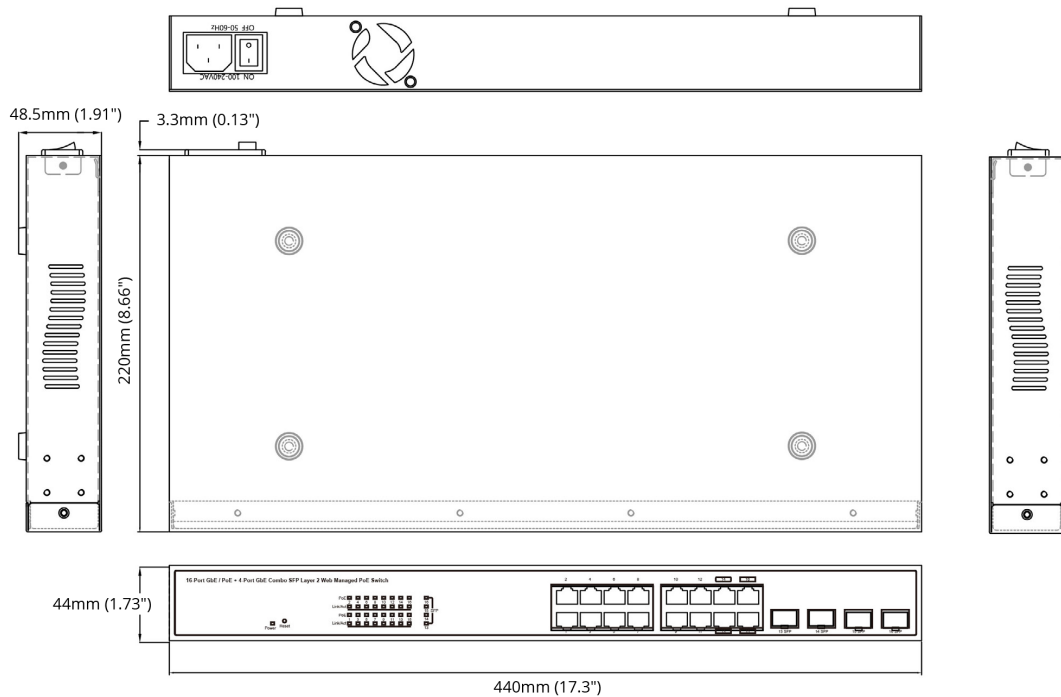
Ordering Info

➕ Model

EX19164A 16-port 10/100/1000BASE-T(X) PoE (4-port 1000 SFP combo)

* Rack mounting kit included.