

EX19082

Smart Managed 8-Port Gigabit PoE Ethernet Switch









Highlights

+ Smart Management Features

Easy to use web GUI VLAN configuration Comprehensive IP configuration and QoS

+ Power over Ethernet

Total PoE power budget of 240W 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 EX19082 is a 10-port Gigabit Power over Ethernet switch with high performance and features suited for small-business and commercial environments. The EX19082 is equipped with 8 10/100/1000BASE-T(X) PoE+ ports and 2 Gigabit uplink ports (1 TX + 1 SFP). With features such as an easy-to-use management GUI, QoS, VLANs and full wire speed throughput, port speeds up to gigabit for 4K cameras and higher, and a power budget of 240W, the EX19082 is the perfect solution for security networks.

EtherWAN — "When Connectivity is Crucial."



Software Features

+ Interface

Web GUI



Firmware upgrade
Configuration backup and restore
DHCP Client
SNMP Trap
Port Mirroring
LLDP (Link Layer Discovery Protocol)



MAC address filtering
Enable/Disable PoE per port
Storm control
TCP/UDP filter
Initial login complex password setup requirement

+ Quality of Service (QoS)

Priority Queues: 8 queues per port Traffic classification based on IEEE 802.1p CoS (Cost of Service), DSCP (Differentiated Services Code Point),WRR(Weighted Round Robin)

+ Layer 2 Features

Auto-negotiation for port speed and duplex mode
| IEEE 802.3x full duplex mode |
| Back-pressure half duplex mode |
| Back-pressure half duplex mode |
| Compose the post-based |
| Compose the port-based |
| Com

+ Software Properties and Performance

Switching Fabric	20Gbps
Forwarding Rate	14.88Mpps
Jumbo Frame Size	9.6KB
MAC Table Size	8K
Packet Buffer Memory	4Mb



Hardware Specifications

+ Interface

Environmental

Safety UL 60950-1

What's Included

FCC Part 15 Class B

Ethernet 10/100/1000BASE-T(X): 8 PoE+ ports + 1 TX**Operating Temp.** 0 to 50°C (32 to 122°F) port Storage Temp. -10 to 70°C (14 to 158°F)

100/1000BASE SFP: 1 port Relative Humidity 10% to 90% (non-condensing) Per Unit: Power

EMI

LED Regulatory **Indicators** Per Port PoE: Status Per Port Link: Link/Activity Manufactured in ISO-9001 facility ISO **Reset Button** Restore factory default settings

+ Technology

Warranty **Standards** IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX

Length 3 Years IEEE 802.3ab 1000BASE-T Details www.etherwan.com/support/warrantypolicy IEEE 802.3z 1000BASE-SX/1000BASE-LX

IEEE 802.3x Full duplex and flow control Safety UL 60950-1 IEEE 802.1p QoS

IEEE 802.1Q Tag VLANS IEEE 802.3af Power over Ethernet (PoE) Device **Ethernet Switch** IEEE 802.3at Power over Ethernet (PoE+) AC power cord Power IEEE 802.1AB LLDP (Link Layer Discovery

Installation Mounting brackets, screws Protocol) IEEE 802.3az EEE (Energy Efficient **Documentation** Quick Install Guide

Ethernet) Forward and 14,880pps for 10Mbps Filtering Rate 148,880pps for 100Mbps 1,488,000pps for 1000Mbps

Processing Store-and-Forward Auto-Negotiation Type

Half-duplex back-pressure full-duplex

flow control Auto MDI/MDIX

+ Power

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

+ Physical

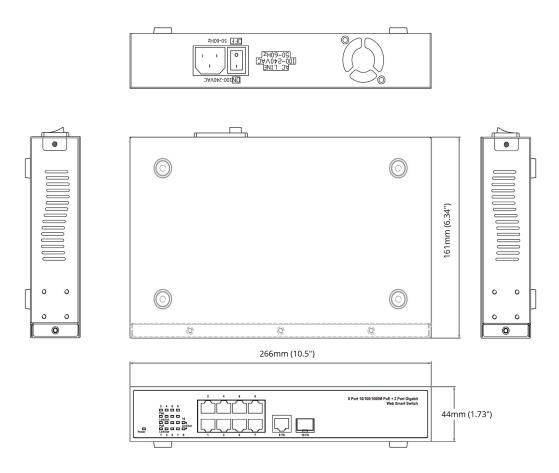
Casing Material Metal **Dimensions** 266 x 161 x 44mm (W x D x H)

10.5" x 6.34" x 1.73" Weight 4lbs (1.8kg)

Installation Type Rack mounting, Desktop



Dimensions



Ordering Info



EX19082 8-port 10/100/1000BASE-T(X) PoE + 1-port 10/100/1000BASE-T(X) + 1-port 100/1000BASE SFP



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