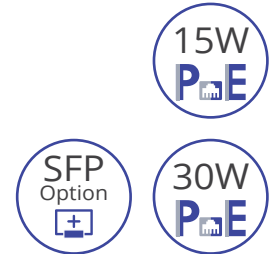


EX19082

Smart Managed 8-Port Gigabit PoE Ethernet Switch



Product Highlights

Smart Management Features

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

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 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 250W, the EX19082 is the perfect solution for security networks.

Ordering Information

Model

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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Software Features

Interface		+
Web GUI		
Management		+
Firmware upgrade		
Configuration backup and restore		
DHCP Client		
SNMP Trap		
Port Mirroring		
LLDP (Link Layer Discovery Protocol)		
Security		+
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	Flow Control IEEE 802.3x full duplex mode Back-pressure half duplex mode	
VLANs	16 Groups, 4096 VID Tag-based Port-based	
Link Aggregation	Static Trunk (2 groups)	
IGMP Snooping	IGMP Snooping v1/v2	
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		+
Ethernet	10/100/1000BASE-T(X): 8 PoE+ ports + 1 TX port 100/1000BASE SFP: 1 port	
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 802.1p QoS IEEE 802.1Q Tag VLANs IEEE 802.3af Power over Ethernet (PoE) IEEE 802.3at Power over Ethernet (PoE+) IEEE 802.1AB LLDP (Link Layer Discovery Protocol) IEEE 802.3az EEE (Energy Efficient Ethernet)	
Forward and Filtering Rate	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	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	
Environmental		+
Operating Temp.	0 to 50°C (32 to 122°F)	
Storage Temp.	-10 to 70°C (14 to 158°F)	
Relative Humidity	10% to 90% (non-condensing)	
Regulatory		+
ISO	Manufactured in ISO-9001 facility	
EMI	FCC Part 15 Class B	
Safety	UL 60950-1	

Warranty		+
Length	3 Years	
Details	www.etherwan.com/support/warranty-policy	
What's Included		+
Device	Ethernet Switch	
Power	AC power cord	
Documentation	Quick Install Guide	

Dimensions

