

EX26484 V2 Series

Managed 48-Port Gigabit PoE
and 4-Port 1/10G SFP+ Ethernet Switch



Product Highlights

High Bandwidth and Versatility

- 48 10/100/1000BASE-T(X) ports for high bandwidth connections
- 4 10-gigabit fiber connections
- Full capacity switching running at full duplex

High PoE Power Budget

- Maximum PoE power budget of up to 860W
- Provides up to 30W per port for PTZ cameras and other high power devices

Management/Security Features

- PoE watchdog monitors status of connected PoE devices
- 802.1x port-based network access control and remote authentication through RADIUS and TACACS+
- Port control and security

Support

- Complimentary Technical Support
- Free Firmware Upgrades

Overview

EtherWAN's EX26484 series is a managed 52-port PoE Ethernet switch platform. Equipped with 48 gigabit PoE ports along with a high total PoE power budget of 450W or 860W and 4 10-gigabit SFP+ ports, the EX26484 series provides flexibility, speed, and reliability for networks in urban infrastructure, security, and other areas where connectivity is crucial.

Ordering Information

Model

EX26484	48-Port 10/100/1000BASE PoE + 4-Port 1G/10G SFP+ Managed Ethernet Switch, 450W Power Budget
EX26484-920	48-Port 10/100/1000BASE PoE + 4-Port 1G/10G SFP+ Managed Ethernet Switch, 860W Power Budget

Software Features

Interface	+
CLI, Telnet and Web Browser SNMP v1/v2c/v3	
Management	+
Firmware and configuration upgrade and backup	
Supports DHCP Server/Client	
RMON (Remote Monitoring): group 1, 2, 3, 9	
Port mirroring: TX/RX and both	
NTP (Network Time Protocol) time synchronization	
IEEE 802.1ab LLDP (Link Layer Discovery Protocol)	
IPv4/IPv6	
PoE Watchdog	
Virtual Stacking	
Security	+
MAC address filtering	
Enable/Disable port	
Storm control (Broadcast and multicast types)	
IEEE 802.1x LAN Access control	
Remote authentication through RADIUS and TACACS+	
SSH for CLI and Telnet security	
SSL for web security	
System log	
ACL	
Quality of Service (QoS)	+
Priority Queues: 8 queues per port	
Traffic classification based on IEEE 802.1p CoS, DSCP, WRR (Weighted Round Robin) and strict mode	
Rate Limiting (Ingress/Egress)	

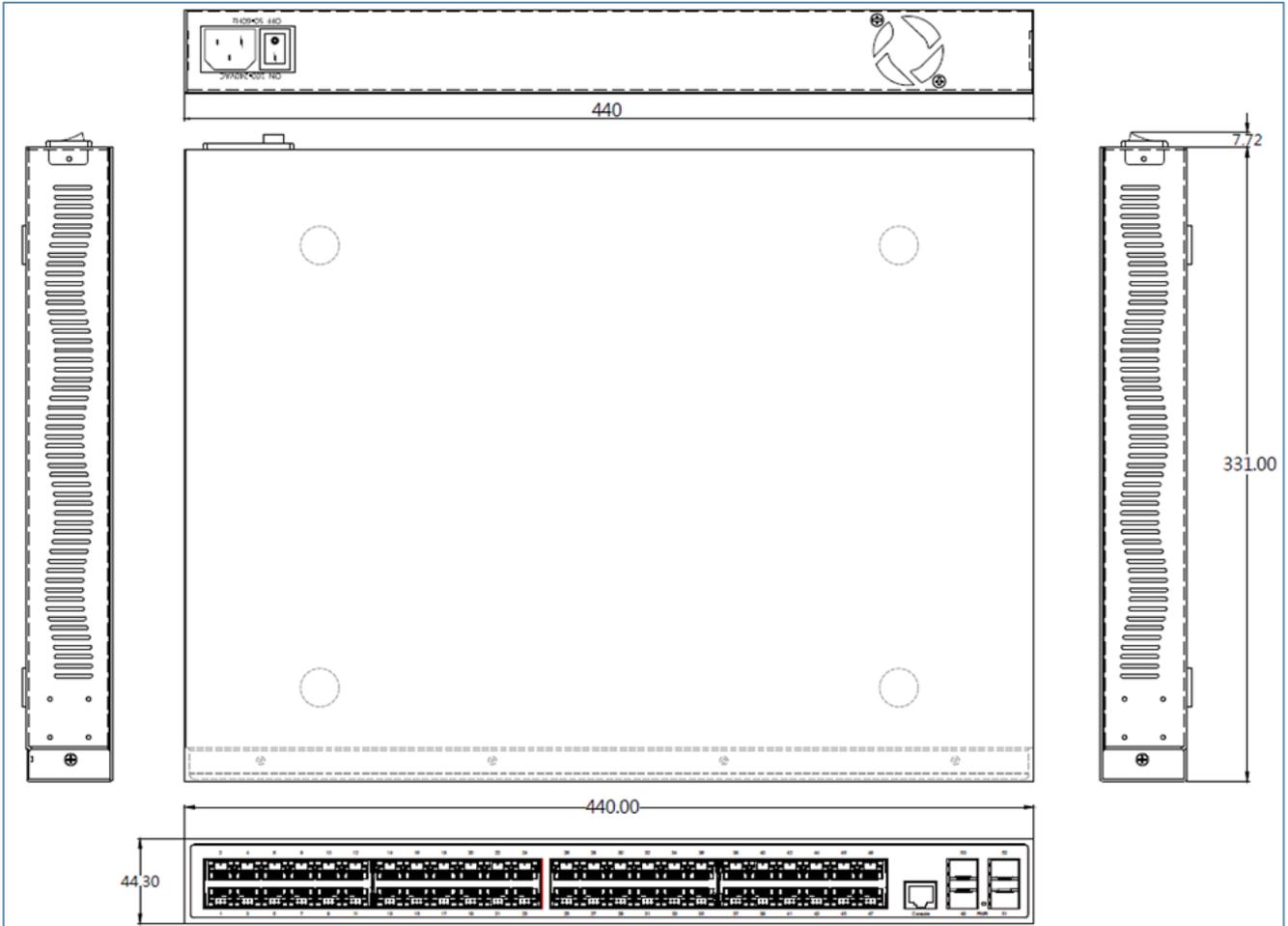
Layer 2 Features	+
Auto-negotiation for port speed and duplex mode	Flow Control IEEE 802.3x full duplex mode Back-Pressure half duplex mode
Redundant Protocol	IEEE 802.1D Spanning Tree Protocol (STP) IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
VLANs	IEEE 802.1Q Tag VLANs (128 groups, 4096 VID) Port-based VLAN Voice VLAN
Link Aggregation	Static Trunk IEEE 802.3ad Link Aggregation Control Protocol
IGMP Snooping	IGMP Snooping v1/v2/v3
Layer 3 Features	+
Static Routing	IPv4 Unicast IPv6 Unicast

Hardware Specifications

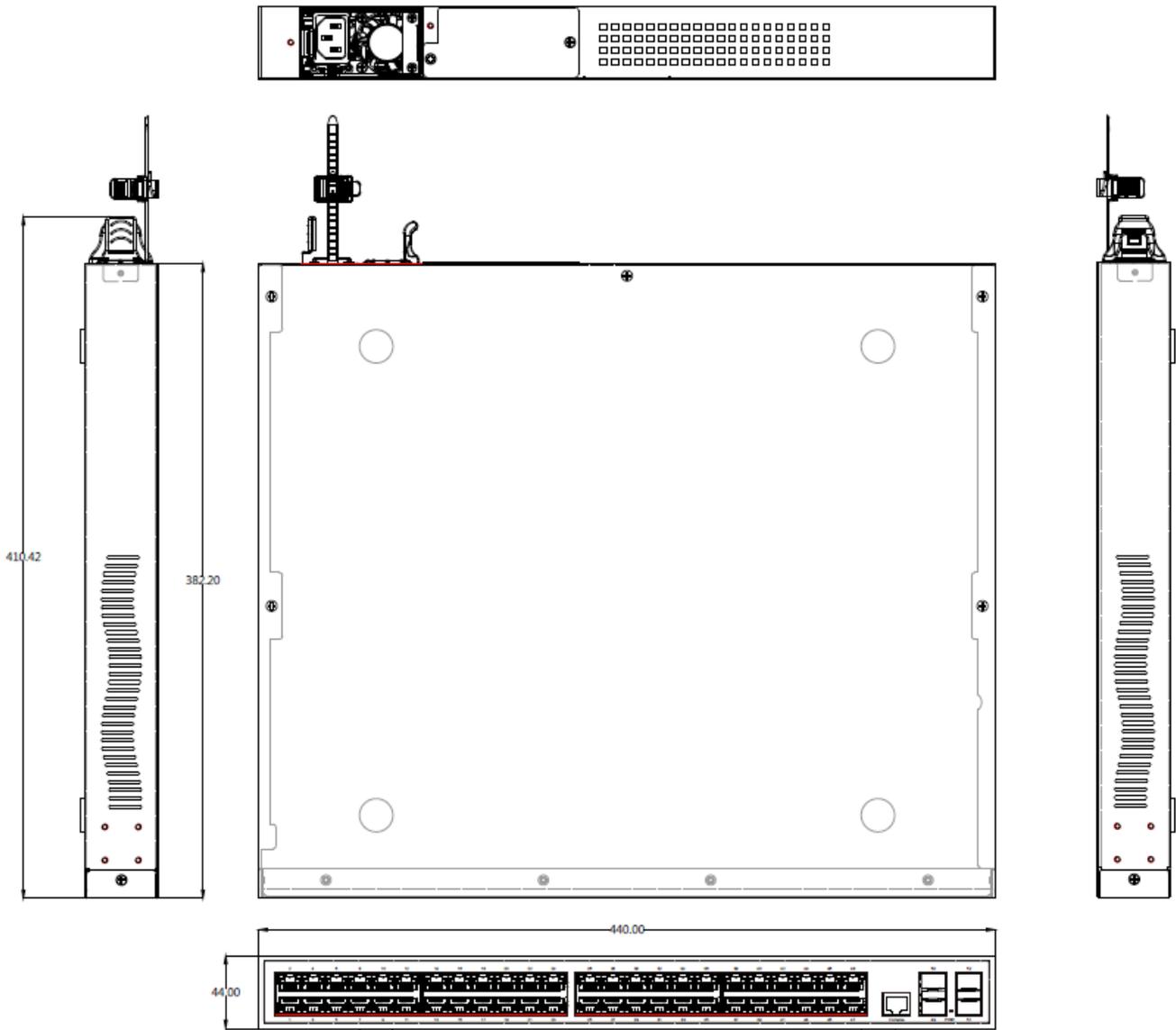
Interface		+
Ethernet Port	10/100/1000BASE-T(X): 48 ports 1G/10G SFP+: 4 ports	
Console Port	Port: One RJ45 port	
LED Indicators	Per Unit: Power Per Port: Link/Activity, PoE	
Technology		+
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-T IEEE 802.3ab 1000BASE-T IEEE 802.3e 10GBASE IEEE 802.3ad LACP IEEE 802.3af PoE IEEE 802.3at PoE+ IEEE 802.3x Full duplex and flow control IEEE 802.1D STP IEEE 802.1p QoS IEEE 802.1Q Tag VLANs IEEE 802.1s MSTP IEEE 802.1w RSTP IEEE 802.1x Port-based Network Access Control IEEE 802.1ab LLDP G.8032 ERPS	
Forward and Filtering Rate	14,880pps for 10Mbps 148,810pps for 100Mbps 1,488,100pps for 1000Mbps 14,881,000pps for 10Gbps	
Packet Buffer Memory	32M bits	
Processing Type	Store-and-Forward Auto Negotiation Half-duplex back-pressure and IEEE 802.3x full-duplex flow control Auto MDI/MDIX	
Address Table Size	32K MAC addresses	
Switching Fabric	176Gbps	
Forwarding Rate	130.94Mpps	
Jumbo Frame Size	9.6KB	
Power		+
Input	100-240VAC	
Power Consumption	37W Max (without PoE) PoE Power Budget: 450W/860W	
PoE Power Output	Up to 30W/port	
Physical		+
Casing Material	Aluminum case	
Dimensions	EX26484: 440 x 330 x 44mm (W x D x H) (17.3" x 12.99" x 1.73") EX26484-920: 440 x 380 x 44mm (17.3" x 14.96" x 1.73")	
Weight	5.5Kg Max (12.1lbs.)	
Installation Type	Rack mounting	

Environmental		+
Operating Temp.	0 to 50°C (32 to 122°F)	
Storage Temp.	-10 to 70°C (-10 to 158°F)	
Relative Humidity	10% to 90% (non-condensing)	
Regulatory		+
EMI	FCC Part 15B Class A VCCI Class A CE Mark Class A	
Safety	UL 62368-1	
Warranty		+
Length	3 years	
Details	www.etherwan.com/support/warranty-policy	
What's Included		+
Device	Ethernet Switch	
Accessories	Rack Mounting Kit AC Power Cord	
Documentation	Quick Install Guide	

Dimensions



Dimensions



Accessories

Gigabit / 10-Gigabit SFP Modules	+
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www.etherwan.com/products/sfp-fiber-transceiver

Shielded Ethernet Cables	+
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<https://www.etherwan.com/us/products/shielded-ethernet-cable>
