

# EX26484 V2 Series

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







## 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.

EtherWAN — "When Connectivity is Crucial."

## 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 Power 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

## Features

### + Interface

CLI, Telnet and Web Browser SNMP v1/v2c/v3

### + Management

Firmware and configuration upgrade and backup via TFTP

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)

IEEE802.1x LAN Access Control

Remote Authentication through RADIUS & 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 IEEE802.1p CoS,

DSCP, WRR, and Strict Mode

Rate Limiting (Ingress/Egress)

### + Layer 2 Features

#### Flow Control

IEEE802.3x full duplex mode

Back-Pressure half duplex mode

#### Redundant Protocol

IEEE802.1D Spanning Tree Protocol (STP)

IEEE802.1w Rapid Spanning Tree Protocol (RSTP)

IEEE802.1s Multiple Spanning Tree Protocol (MSTP)

#### VLANs

Supports up to 4K VLANs simultaneously (128 groups, 4096 VID)

Port-based VLAN

IEEE 802.1Q tag-based VLAN (128 groups, 4096 VID)

Voice VLAN

#### Link Aggregation

Static trunk (13 groups, 4 ports per group)

IEEE802.3ad Link Aggregation Control Protocol

#### IGMP Snooping

IGMP snooping v1/v2/v3

Supports 1024 multicast groups

### + Layer 3 Features

IPv4 Unicast: Static routing

IPv6 Unicast: Static routing

## Specifications

### + Interface

Ethernet  
10/100/1000BASE-T(X): 48 ports  
1G/10G SFP+: 4 ports

Console  
1 x RJ45

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.0832 ERPS

Forward/Filtering Rate  
14,800pps 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 full-duplex flow control 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 Framze Size  
9.6KB

### + Power

Input  
100-240VAC

Power Consumption  
37W Max (without PoE) w/ PoE power budget of  
450/860W  
up to 30W/port Poe power output

### + Physical

Casing Material  
Aluminum

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 (12.1lbs)

Installation Type  
Rack Mounting

## Application

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### + Environmental

Operating Temp.  
0 to 50°C (32 to 122°F)

Storage Temp.  
-40 to 70°C (-40 to 158°F)

Relative Humidity  
10% to 90% (non-condensing)

### + Regulatory

ISO  
Manufactured in ISO-9001 facility

EMC  
FCC Part 15B  
VCCI Class A  
CE Mark Class A

Safety  
UL 62368-1

### + Warranty

Length  
3 Years

Details  
[www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

### + What's Included

Device  
Ethernet Switch

Accessories  
AC Power Cord  
Rack Mounting Kit

Documentation  
Quick install guide

## Dimensions

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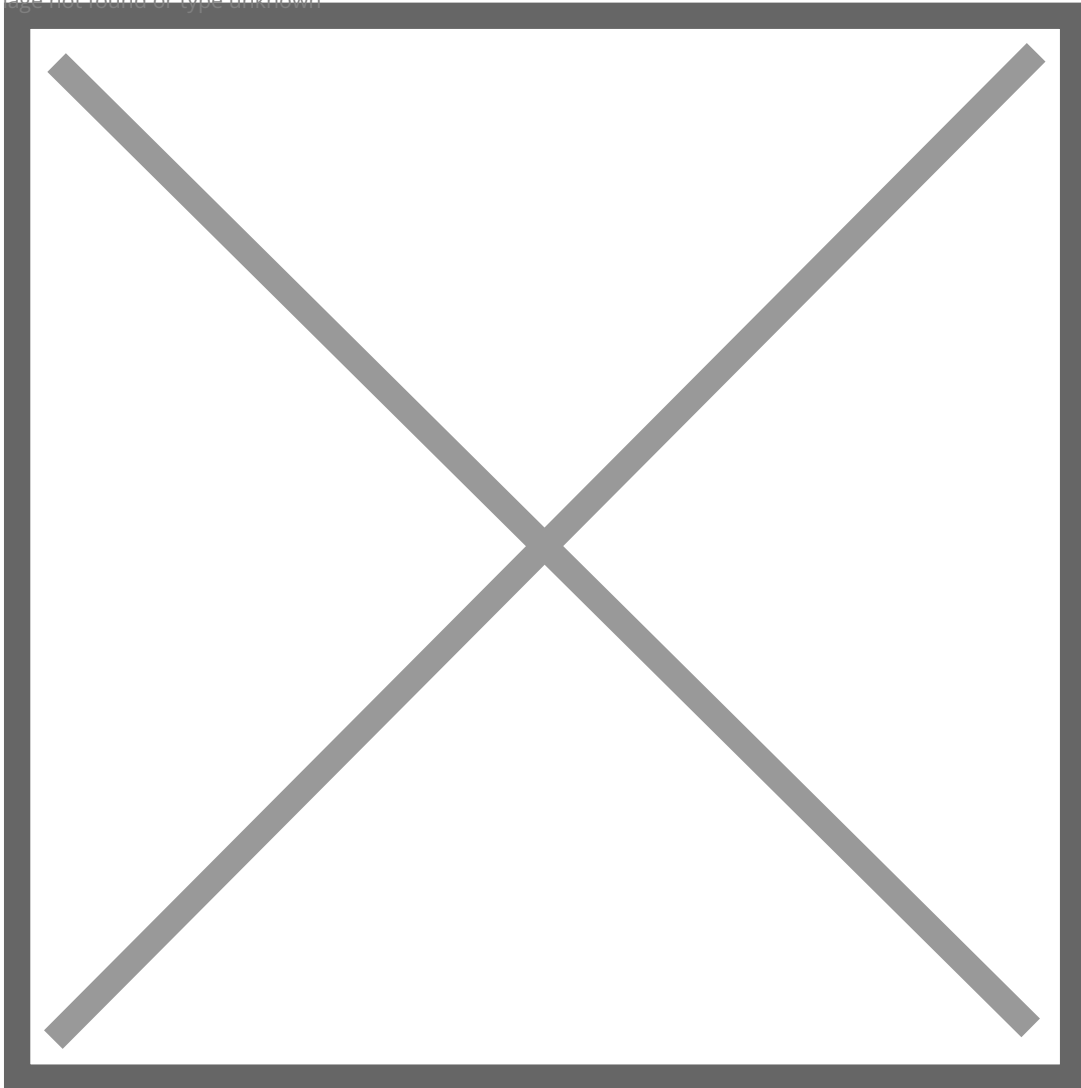
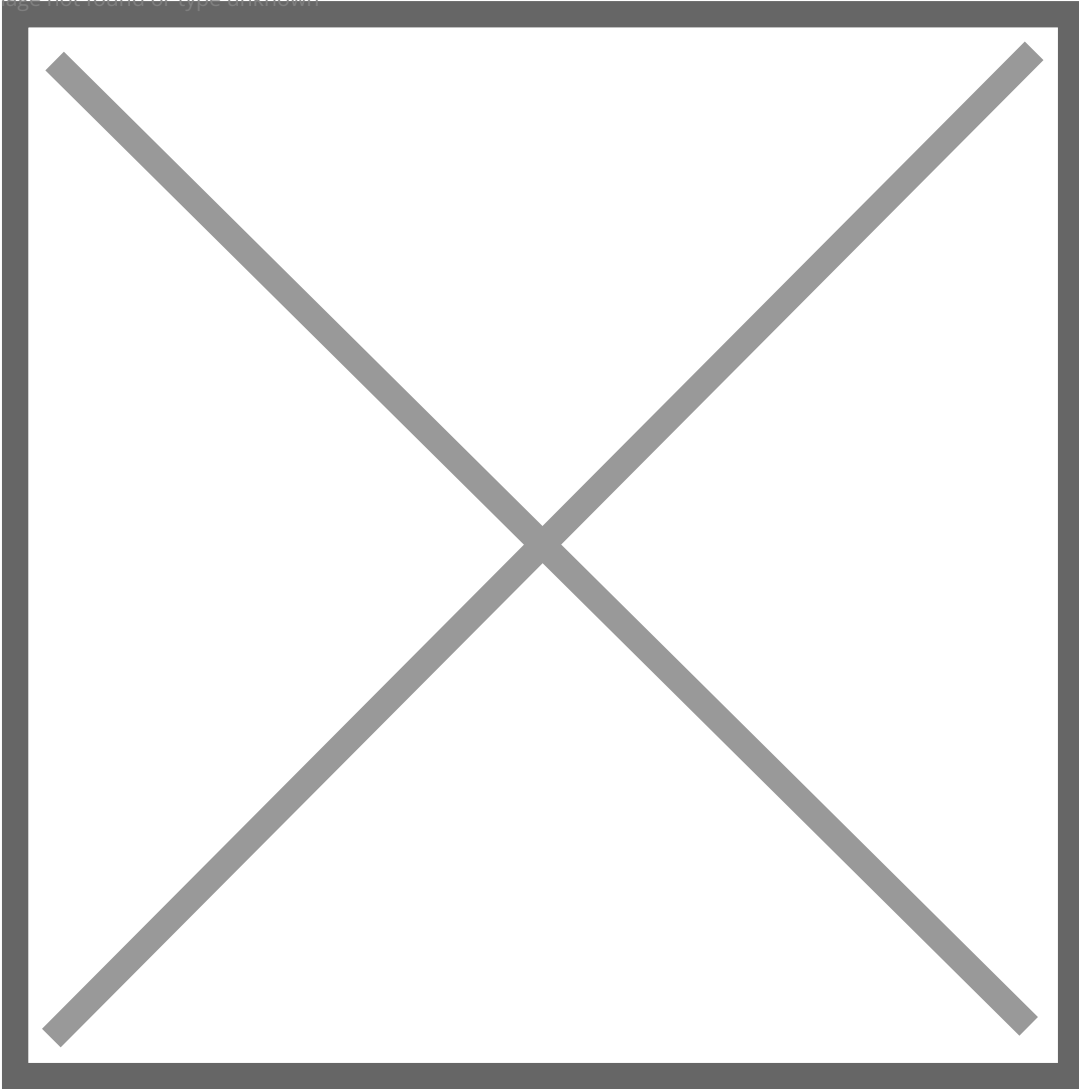


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## Ordering Info

### 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

\* Rack mounting kit included.

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