

## EX26262F V2

Managed 24-port Gigabit PoE + 2-port 100/1000 SFP Combo Ethernet Switch



### Overview

EtherWAN's EX26262F is a managed 26-port PoE Ethernet switch platform. Equipped with 24 gigabit PoE ports along with a high total PoE power budget of 450W and 2 gigabit combo RJ45/SFP ports, the EX26262F 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

- 24 10/100/1000BASE-T(X) ports for high bandwidth connections
- 2 combo RJ45/SFP connections for uplink
- Full capacity switching running at full duplex

### + High Power PoE Power Budget

- Maximum PoE power budget of up to 450W
- 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

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

## Specifications



## + Technology

### Standards

IEEE 802.3 10BASE-T  
IEEE 802.3u 100BASE-T  
IEEE 802.3ab 1000BASE-T  
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

100 Gbps

## + Interface

### Ethernet

10/100/1000BASE-T(X): 24 ports  
100/1000 Combo (RJ45 or SFP): 2 ports

### Console

Two Ports  
1 x RJ45

### LED Indicators

Per Unit: Power  
Per Port: Link/Activity, PoE

## + Power

### Input

100-240VAC

### Power Consumption

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

## + Physical

### Casing Material

Aluminum

### Dimensions

EX26262F: 17.3" x 12.99" x 1.73" (W x D x H)  
  
(440 x 330 x 44mm)

### Weight

10.56lbs (5.5kg)

### Installation Type

Rack Mounting

## + Environmental

### Operating Temp.

32 to 122°F(0 to 50°C)

### Storage Temp.

-10 to 158°F (-10 to 70°C)

### Relative Humidity

10% to 90% (non-condensing)

## + Regulatory

### EMI

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

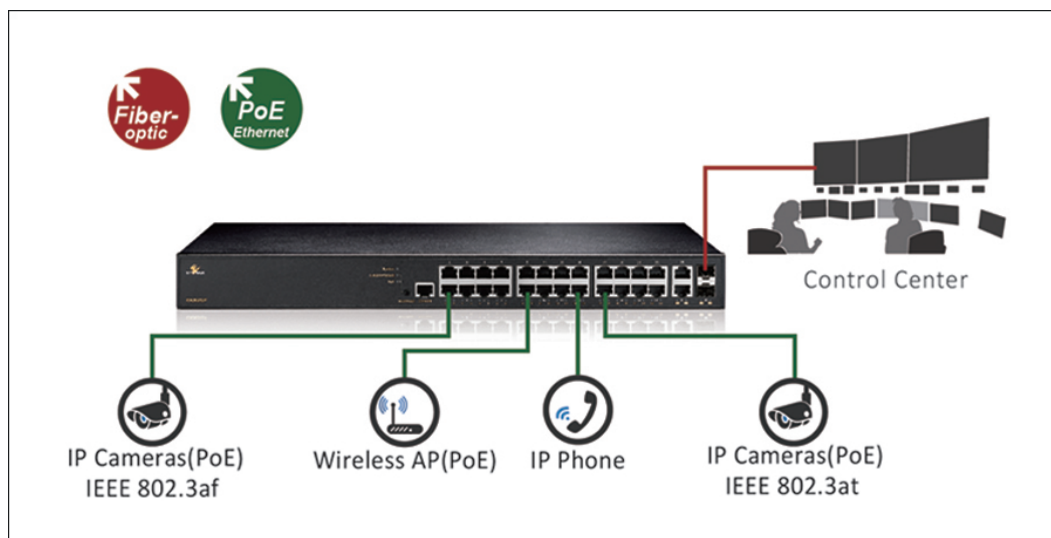
AC Power Cord

Rack Mounting Kit

### Documentation

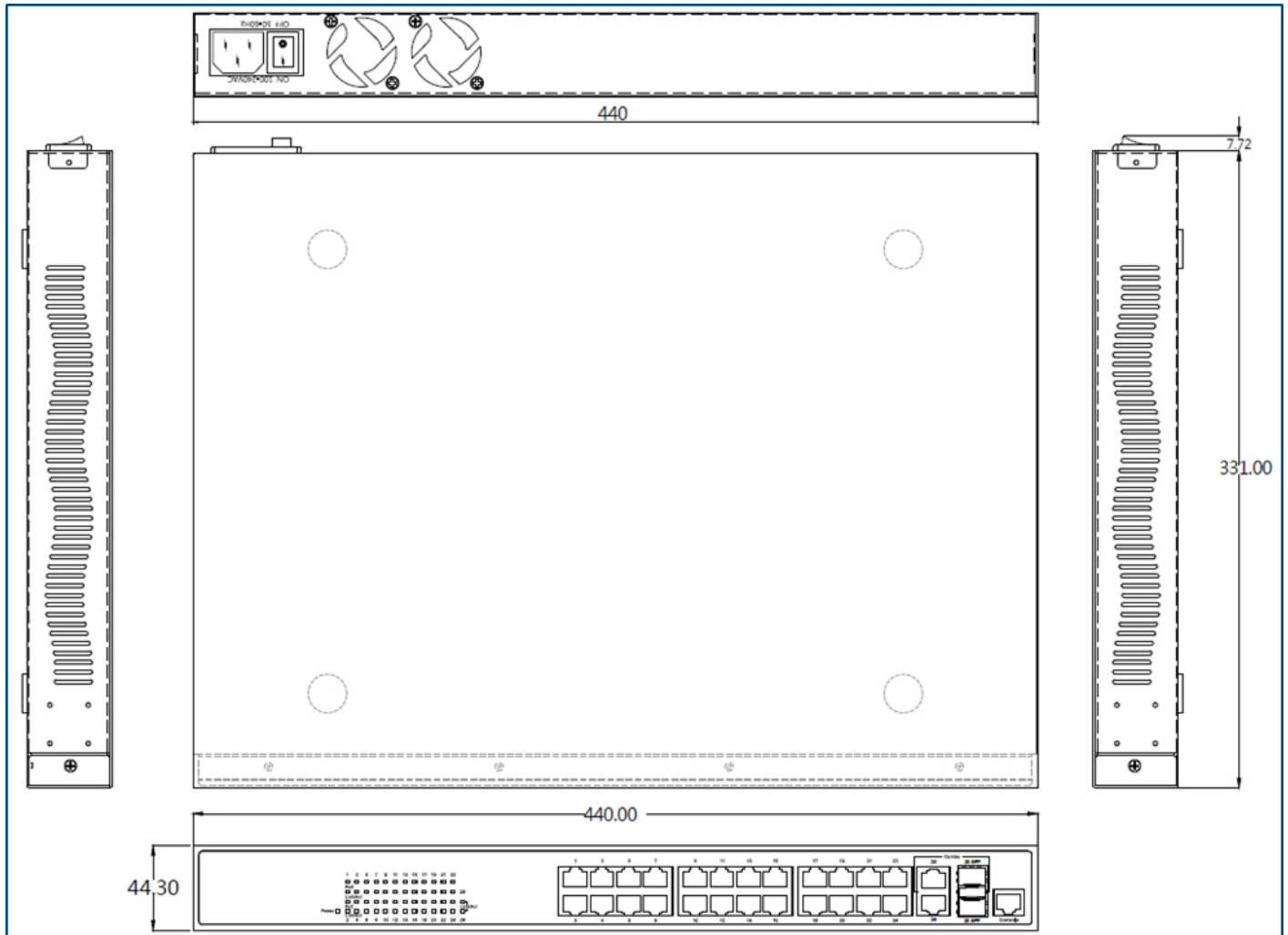
Quick install guide

## Application





## Dimensions



## Ordering Info

### + Model

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\* Rack mounting kit included

