

## 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."

## Spotlight

-  **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

### + 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

### + 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  
130.94Mpps

Jumbo Framze Size  
9.6KB

### + 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

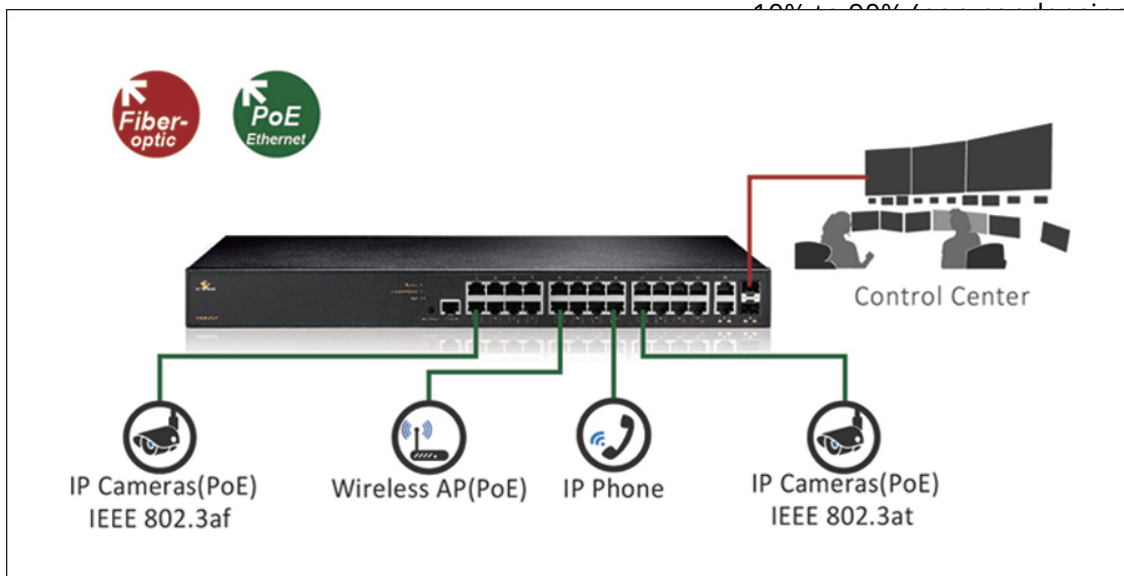
### + Environmental

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%

## Application



[www.etherwan.com/support/warranty-policy](#)

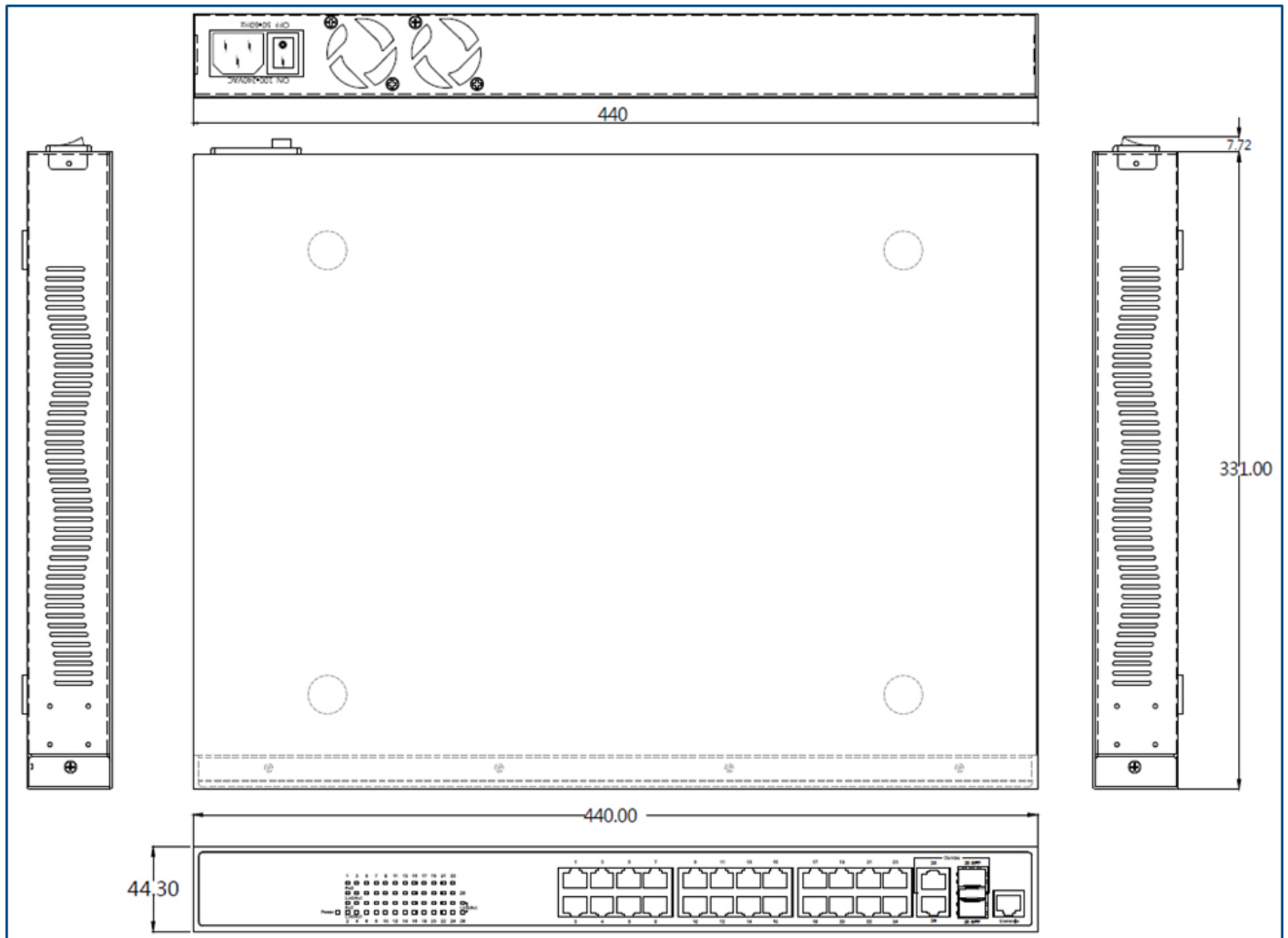
### + What's Included

Device  
Ethernet Switch

Accessories  
AC Power Cord  
Rack Mounting Kit

Documentation  
Quick install guide

## Dimensions



## Ordering Info

### Model

**EX26262F**

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

\* Rack mounting kit included



© EtherWAN Systems, Inc. All rights reserved. 20221008

EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.