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

✚ 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

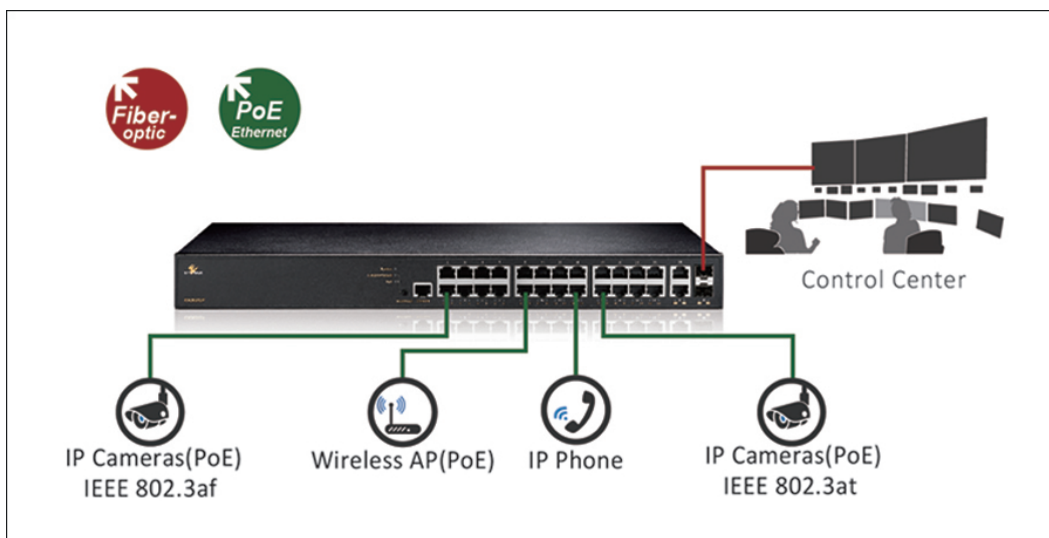## ➕ What's Included

Device
- Ethernet Switch

Accessories
- AC Power Cord
- Rack Mounting Kit
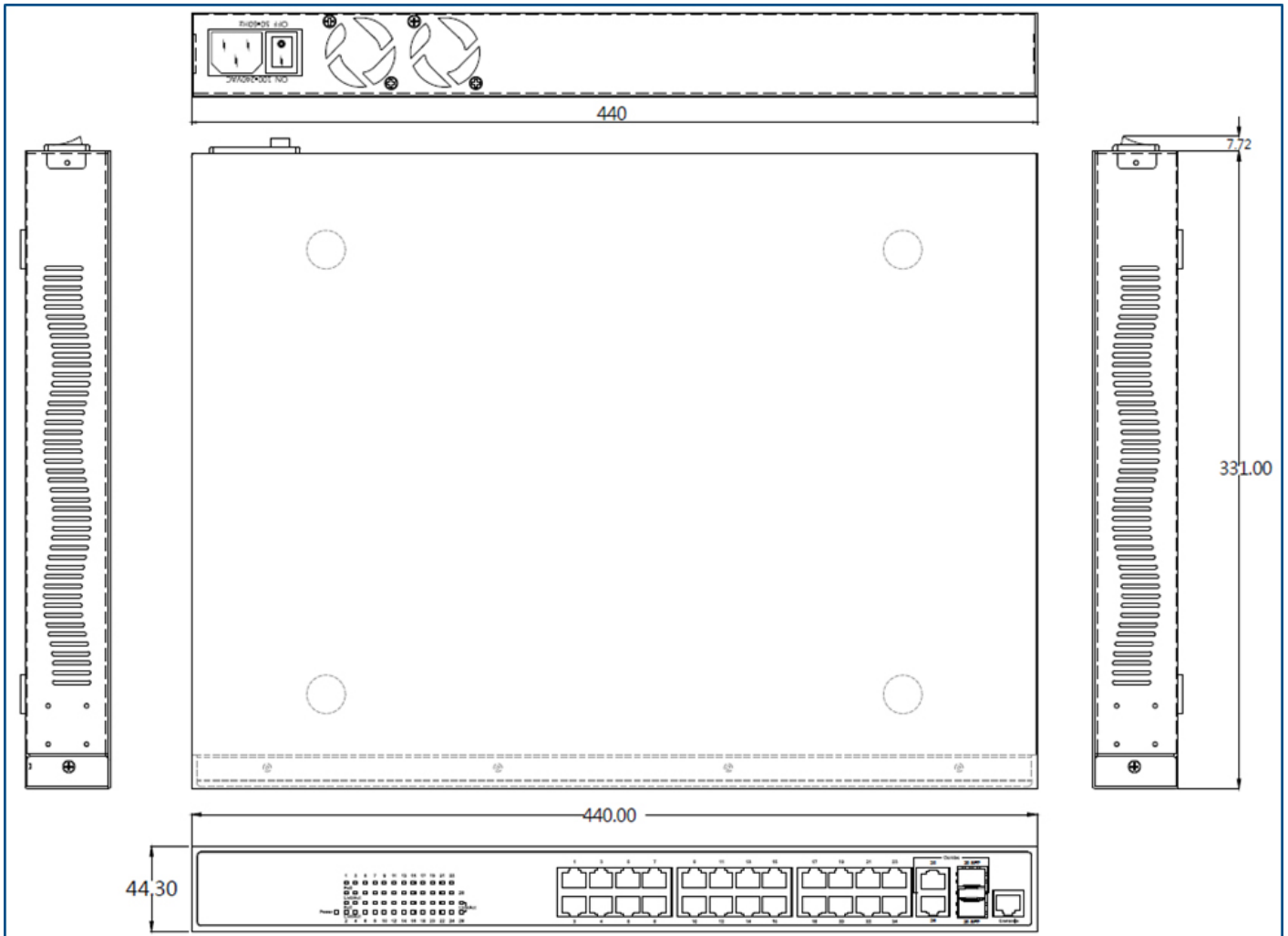
Documentation
- Quick install guide

Application

Dimensions

Ordering Info

➕ Model

EX26262F	Managed 24-port Gigabit PoE + 2-port 100/1000 SFP Combo Ethernet Switch

* Rack mounting kit included