

# EX26262F シリーズ

管理型 24ポート ギガビット PoE +2ポート 100/1000 SFP コンボ イーサネット スイッチ



## 概要

EtherWANのEX26262Fは24個の10/100/1000BASE-T PoEポートと2個の100/1000 SFPコンボ 光ポートを装備し、IEEE 802.3at PoE/PSE準拠、9216 Bytesジャンボフレームとワイヤスピードをサポートし、19インチラック規格の管理型イーサネットスイッチです。

またPoEポートは30Wを搭載しており、最大370Wまでの電力供給し、様々な端末設備(IPカメラ、無線アクセスポイント、VoIPなど)も備えています。ポートセキュリティや、IGMPスヌーピング、VLANs、GARPプロトコルなどの管理機能をWeb GUIで設定し、管理とメンテナンスも提供できます。

EtherWAN — "When Connectivity is Crucial."

## 特長

### + 対サージ保護設計

データポートに6kVサージ保護を強化。

### + レイヤ3 ルーティング機能

レイア3 スタティック ルーティングとIPv4/IPv6対応。

### + 合計最大370Wまで電力供給

PoEポートあたり30W、IEEE 802.3atのPoE給電機能を搭載しています。

### + 完備なレイア2機能でネットワーク性能を最適化

QoSにより802.1p、DSCPとIP precedenceをサポート。

RSTP/MSTP/LACPに対応。

IEEE 802.1x、ACL (Access Control List)をサポート。

## 機能

### + Management

#### Interface

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

Firmware and configuration upgrade and backup via TFTP

LLDP / LLDP-MED

Supports DHCP Server/Client

RMON (Remote monitoring): group 1, 2, 3, 9

Port mirroring: TX/RX and both

### + Security

SSHv1/v2 for CLI and Telnet security

SSL for web security

RADIUS and TACACS+ authentication

IEEE802.1x LAN access control

Storm control (broadcast and multicast)

Port Security: Locks MAC addresses to ports

IP Source Guard: Prevents illegal IP address from accessing to specific port in the switch.

DHCP Snooping: Allows DHCP offer from trusted DHCP servers only.

ACLs: Supports up to 256 entries. Drop or rate limitation based on:

Source and destination MAC, VLAN ID or IP address, protocol, port

Differentiated services code point (DSCP) / IP precedence

TCP/ UDP source and destination ports

802.1p priority

Ethernet type

Internet Control Message Protocol (ICMP) packets

TCP flag

### + Quality of Service (QoS)

Priority Queues: 8 queues per port

Traffic classification based on IEEE802.1p CoS, DSCP

Schedule base on WRR (Weighted round robin) 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 (out of 4096 VLAN IDs)

Port-based VLAN

802.1Q tag-based VLAN

MAC-based VLAN

Management VLAN

Private VLAN Edge (PVE)

Q-in-Q (double tag) VLAN

Voice VLAN

GARP VLAN Registration Protocol (GVRP)

#### 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

### + Performance

Switching Capability: 52Gbps

MAC Address Table: 8K

Jumbo Frame: 9216 Bytes

Buffer size: 512KB

## 仕様

### + Technology

#### Standards

IEEE802.3 10BASE-T  
IEEE802.3u 100BASE-TX/100BASE-FX  
IEEE802.3ab 1000BASE-T  
IEEE802.3z 1000BASE-SX/1000BASE-LX  
IEEE802.3x Full duplex and flow control  
IEEE802.1p QoS  
IEEE802.1Q Tag VLANs  
IEEE802.1s MSTP  
IEEE802.1w RSTP  
IEEE802.1x Port-based Network Access Control  
IEEE802.1ab LLDP  
IEEE802.3ad LACP  
IEEE802.3at Power over Ethernet  
IEEE802.3az EEE Energy Efficient Ethernet

#### Forward and Filtering Rate

14,880pps for 10Mbps  
148,810pps for 100Mbps  
1,488,100pps for 1000Mbps

### + Power

#### Input

100 to 240VAC, 50/60Hz

#### Power Consumption

Device: Max. 25W (without PoE)  
PoE power budget: 370W

#### PoE Power Output

IEEE802.3at: up to 30W/port, 50VDC, 600mA

### + Mechanical

#### Casing

Metal Case

#### Dimensions

442 x 211 x 44mm (W x D x H)  
(17.4"x 8.3"x 1.7")

Standard 19" rack-mount size, one-unit-height

#### Weight

3.3Kg (7.26lbs.)

#### Installation

Rack mounting

### + Interface

#### Ethernet Port

10/100/1000BASE-T: 24 ports  
100/1000 SFP: 2 ports

#### LED Indicators

Per Unit: System  
Per Port: Link/ACT/Speed, PoE

### + Environment

#### Operating Temperature

0 to 45°C (32 to 113°F)

#### Storage Temperature

-20 to 70°C (-4 to 158°F)

#### Ambient Relative Humidity

10% to 90% (non-condensing)

## + Regulatory Approvals

### ISO

Manufactured in an ISO 9001 facility

### Safety

UL 62368

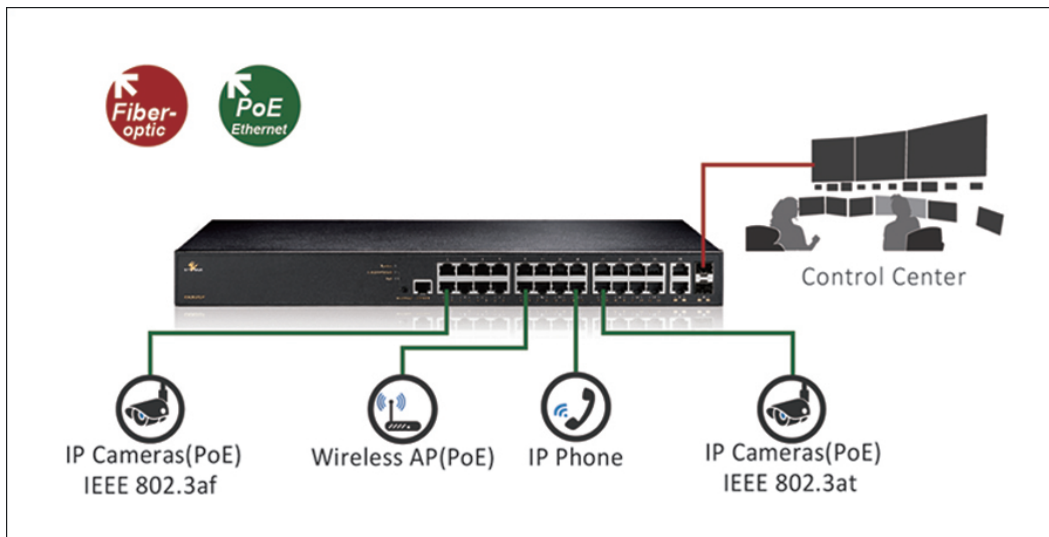
### EMI

CE Mark Class A

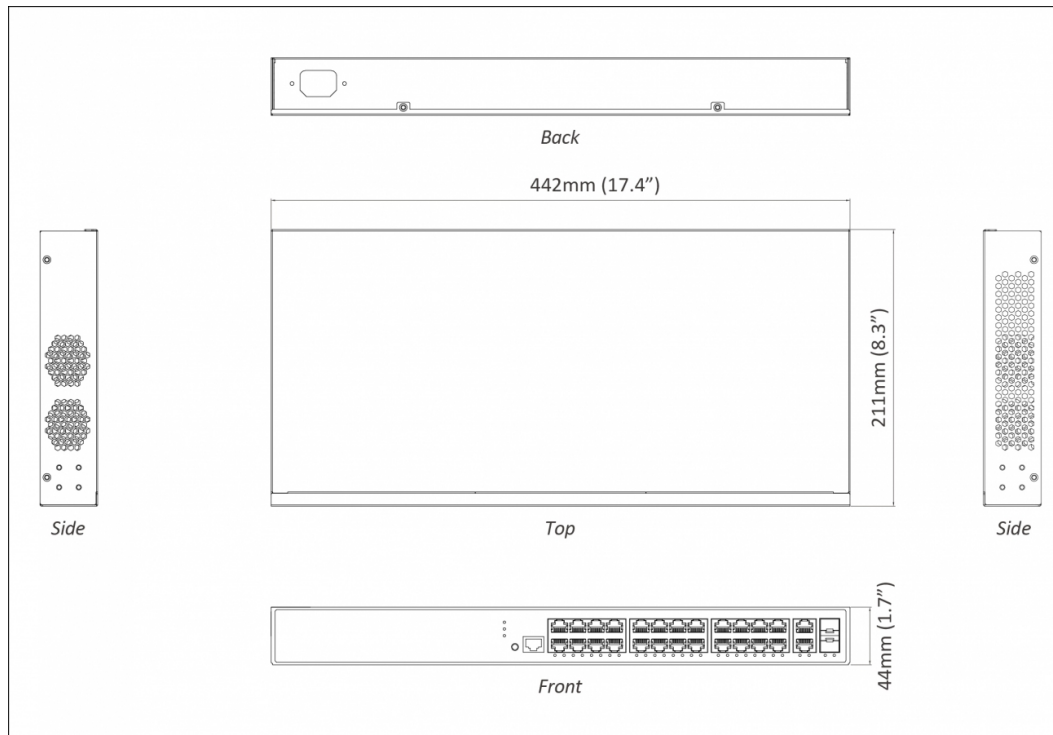
FCC Part 15 Class A

VCCI Class A

## 応用例



## 寸法図



## 製品型番

### + 型番

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

\* ラックマウントキットを含む。

