

## EX26262F 系列

網管型 24 埠 Gigabit PoE + 2 埠 10/1000SFP Combo 乙太網路交換器



### 產品介紹

EX26262F系列為1U機架式安裝設計，具備24個10/100/1000BASE-T PoE連接埠及2個100/1000 SFP combo光纖埠，PoE/PSE埠支援IEEE 802.3at供電標準，並支援9216 Bytes Jumbo Frame support、full wire speed Gigabit throughput和QoS support等功能。其PoE埠，每埠最高可支援30W，總供電瓦數為370W，可廣泛應用於許多終端受電(PD)設備，例如IP攝影機、無線基地台、IP電話等設備。

EX26262F系列具備完整網路管理功能，包含port security、IGMP snooping、VLANs、GARP 協定、LACP、SNMP、RMON，使用者可透過GUI網路管理介面進行設定、監控及維護，使複雜的專案規劃事半功倍。

EtherWAN — "When Connectivity is Crucial."

### 產品亮點

#### + 高突波防護設計

網路埠支援6kV突波防護

#### + L3路由功能

支援IPv4/IPv6 L3靜態路由

#### + 總供電瓦數370W

符合IEEE 802.3at供電標準，PoE供電每埠最高可達30W

#### + 完整的L2交換器功能

支援QoS based on 802.1p, DSCP和IP precedence  
支援RSTP/MSTP/LACP  
支援ACL和802.1x port security功能

## 產品特色

### + 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

## 產品規格

### + 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

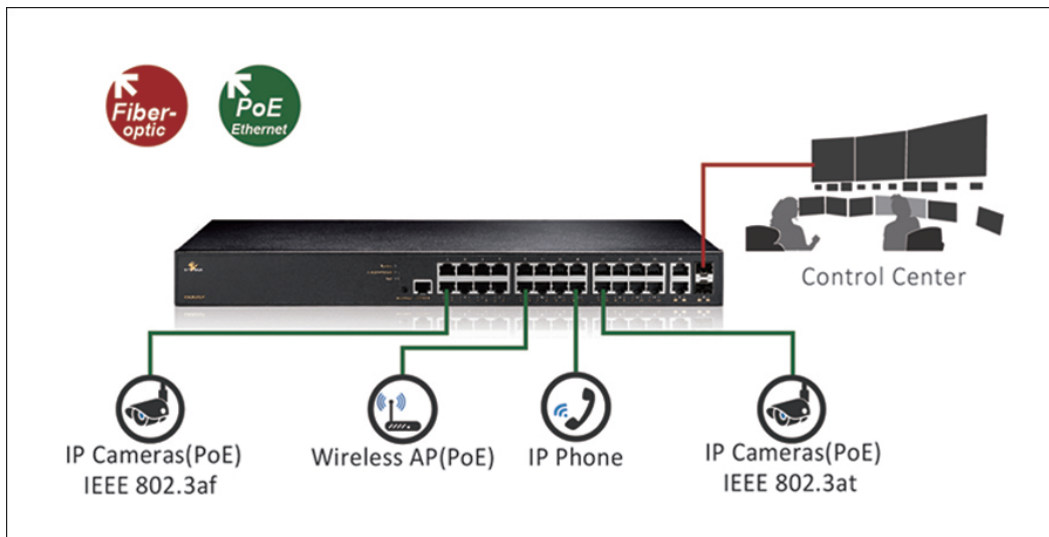
### EMI

CE Mark Class A

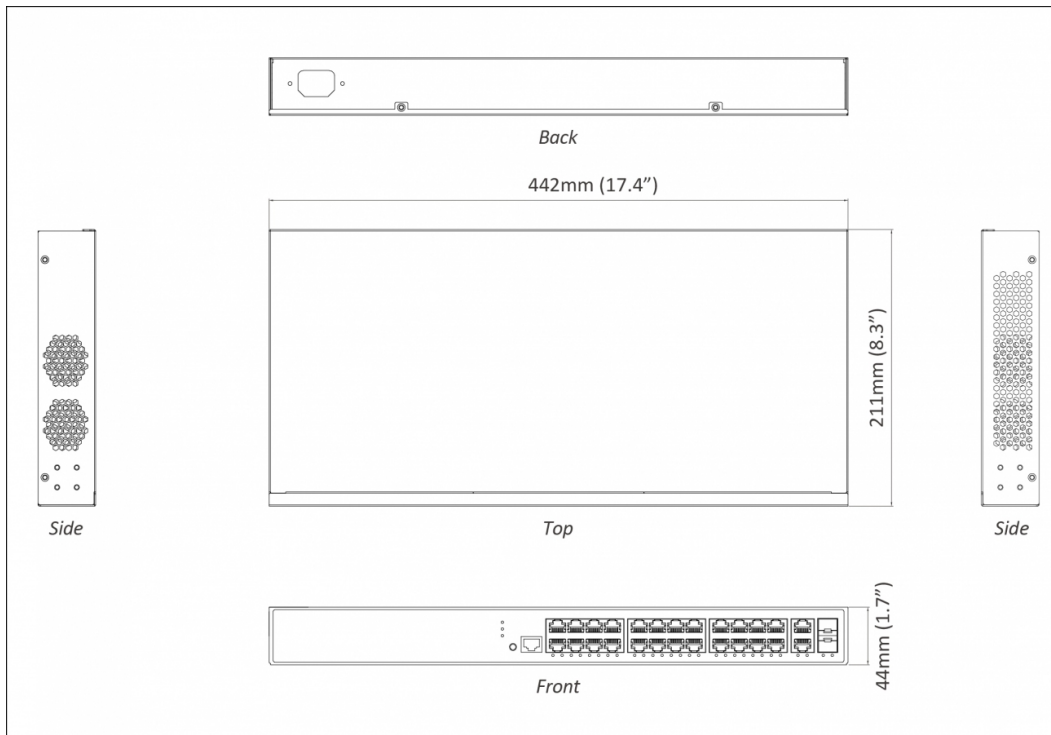
FCC Part 15 Class A

VCCI Class A

## 產品應用圖



## 產品尺寸圖



## 訂購型號

### + 型號

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

\* Rack mounting kit included.

