

## 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
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### 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
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## 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)
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## 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
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## Layer 3 Features

- » IPv4 Unicast: Static routing
  - » IPv6 Unicast: Static routing
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## Performance

- » Switching Capability: 52Gbps
  - » MAC Address Table: 8K
  - » Jumbo Frame: 9216 Bytes
  - » Buffer size: 512KB
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## 產品規格

### 技術

#### 標準

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX/100BASE-FX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-SX/1000BASE-LX
- IEEE 802.3x Full duplex and flow control
- 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
- IEEE 802.3ad LACP
- IEEE 802.3at Power over Ethernet
- IEEE 802.3az EEE Energy Efficient Ethernet

#### Forward and Filtering Rate

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

#### 輸入電壓

- 100-240VAC, 50/60Hz

#### 電力功耗

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

#### PoE Power Output

- IEEE 802.3at: up to 30W/port, 50VDC, 600mA
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### 機構

## 機殼

- 金屬材質

## 尺寸

- 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

## 重量

- 3.3Kg (7.26lbs.)

## 安裝方式

- Rack mounting
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## 介面

### 乙太網路埠

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

### LED 指示燈號

- Per Unit: System
  - Per Port: Link/Activity/Speed, PoE
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## 環境

### 工作溫度

- 0 to 45°C (32 to 113°F)

### 儲存溫度

- -20 to 70°C (-4 to 158°F)

### 工作濕度

- 10% to 90% (無凝結)
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## 通過認證

### ISO

- Manufactured in an ISO 9001 facility

### Safety

UL 60950

**EMI**

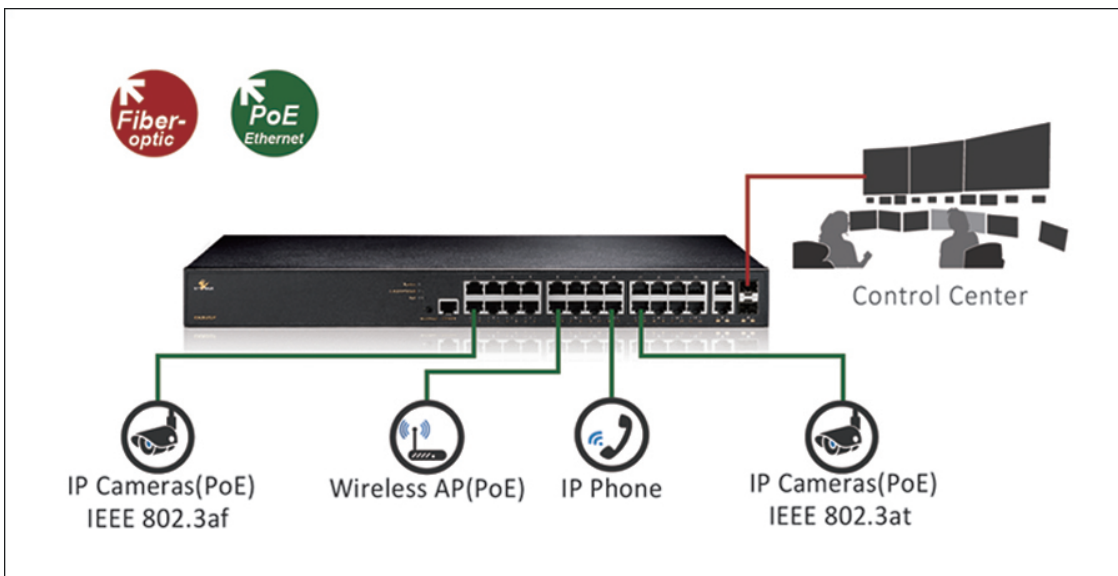
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FCC Part 15 Class A

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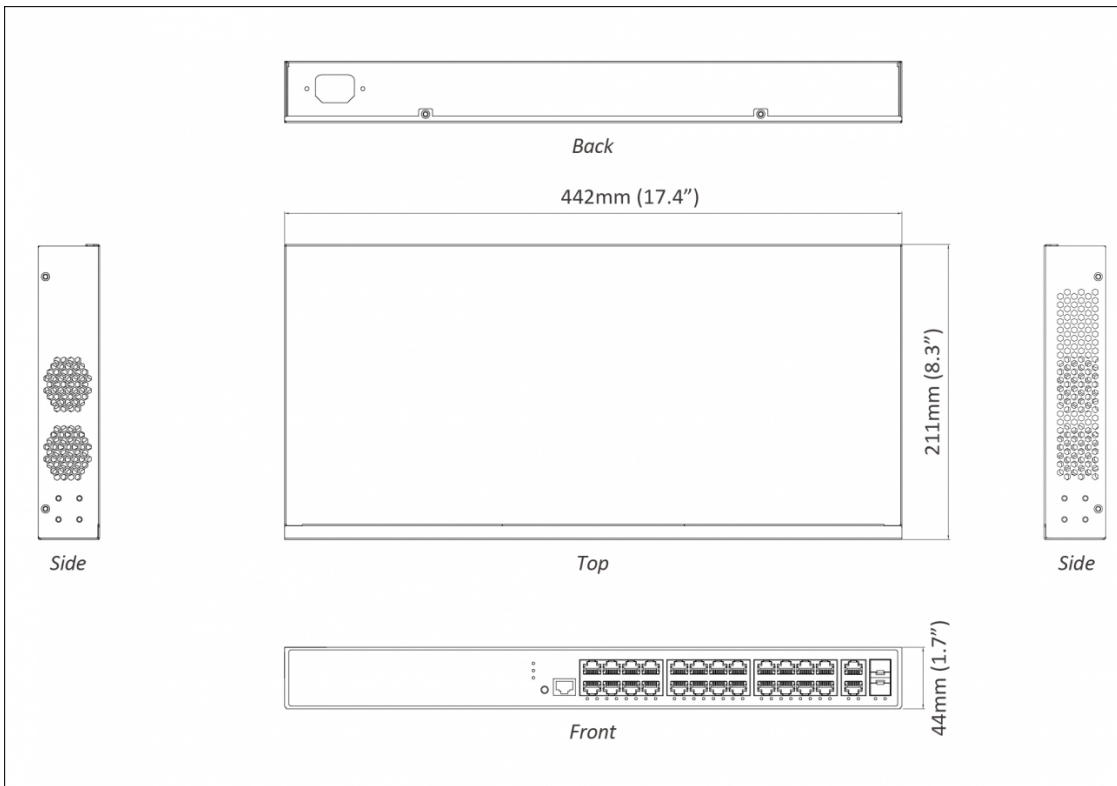
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**產品應用圖**





## 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
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\* Rack mounting kit included.

