

# EX25611

網管型 24埠10/100/1000BASE-T (4埠SFP Combo) +4埠1G/10G SFP+ 乙太網路交換器



## 產品介紹

益網科技EX25611系列，機架式設計、full-Gigabit，可彈性選擇28個Gigabit埠或24個網路埠搭配4個1G/10G SFP+組合，與核心網路串聯使用。EX25611支援full wire speed Gigabit throughput，非常適合應用於小型企業、邊際網路和大型組織中的工作群組。

EX25611系列支援DHCP Snooping、QoS、Spanning Tree、RSTP/MSTP、VLAN、Port Trunking、Bandwidth Control、Port Security、SNMP/RMON、LLDP和IGMPv3 Snooping。使用者可透過網頁瀏覽telnet、SNMP、RMON、TFTP和RS-232 console管理介面，多樣化網管功能，讓管理更便利，有效提升網路環境的效能與效率。

EtherWAN — "When Connectivity is Crucial."

## 產品亮點

### 高頻寬

- » 上傳埠最高支援10Gbps

### 高交換效能

- » 128Gbps wire-speed交換能力

### 完整管理介面

- » 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
  - » Supports DHCP Client, DHCP relay with DHCP option 82
  - » RMON (Remote monitoring): group 1, 2, 3, 9
  - » Port mirroring: TX/RX and both
  - » LLDP/LLDP-MED
  - » IPv4 and IPv6 dual stack
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### Security

- » MAC Address by port security
  - » IP source guard: supports illegal IP address to specific port
  - » Enable/disable port
  - » Storm control (broadcast and multicast types)
  - » IEEE 802.1x LAN access control
  - » Remote authentication through RADIUS and TACACS+
  - » SSH for CLI and Telnet security
  - » SSL for web security
  - » ACL
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### Quality of Service (QoS)

- » Priority Queues: 8 queues per port
  - » Traffic classification based on IEEE 802.1p CoS, DSCP, WRR (Weighted round robin) and strict mode
  - » Rate Limiting (Ingress/Egress)
  - » Supports IPv6 applications (Web, Telnet, ping, SNTP, TFTP, SNMP and Syslog)
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### Layer 2 Features

- » Auto-negotiation for port speed and duplex mode
- » Flow Control
  - IEEE 802.3x full duplex mode

- Back-Pressure half duplex mode
  - » Redundant Protocol
    - IEEE 802.1D Spanning Tree Protocol (STP)
    - IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
    - IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
  - » VLANs
    - Port-based VLANs
    - GVRP
    - IEEE 802.1Q Tag VLANs
  - » Link Aggregation
    - Static Trunk (14 groups, 8 ports per group)
    - IEEE 802.3ad Link Aggregation Control Protocol
  - » IGMP Snooping
    - IGMP Snooping v1/v2/v3
    - MLD v1/v2 Snooping
    - IGMP Querier and Proxy
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## Performance

- » Switching Capability: 128Gbps
  - » Packet Buffer Size: 3Mbits
  - » MAC Address Table: 32K
  - » Jumbo frame: 9K
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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 802.3ad LACP

#### Forward and Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps
- 1,488,100pps for 1000Mbps
- 14,880,952pps for 10Gbps

#### MAC地址表

- 32K MAC address

#### 巨大封包

- 9K
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### 電源

#### 輸入電壓

- 100-240VAC, 50/60Hz

#### 電力功耗

- 47W Max.
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### 機構

## 機殼

- 金屬材質

## 尺寸

- 442 x 300 x 44mm (W x D x H)  
(17.4" x 11.81" x 1.73")
- Standard 19" rack-mount size, one-unit-height

## 重量

- 3.9Kg (8.6lbs)

## 安裝方式

- Rack mounting
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## 介面

### 乙太網路埠

- 10/100/1000BASE-T: 20 ports
- 10/1000/1000BASE-T/SFP combo: 4 ports
- 10G SFP+: 4 ports

### LED 指示燈號

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

### 工作溫度

- 0 to 40°C (32 to 104°F)

### 儲存溫度

- -10 to 70°C (14 to 158°F)

### 工作濕度

- 5% to 95% (無凝結)
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## 通過認證

### ISO

- Manufactured in an ISO 9001 facility

### EMI

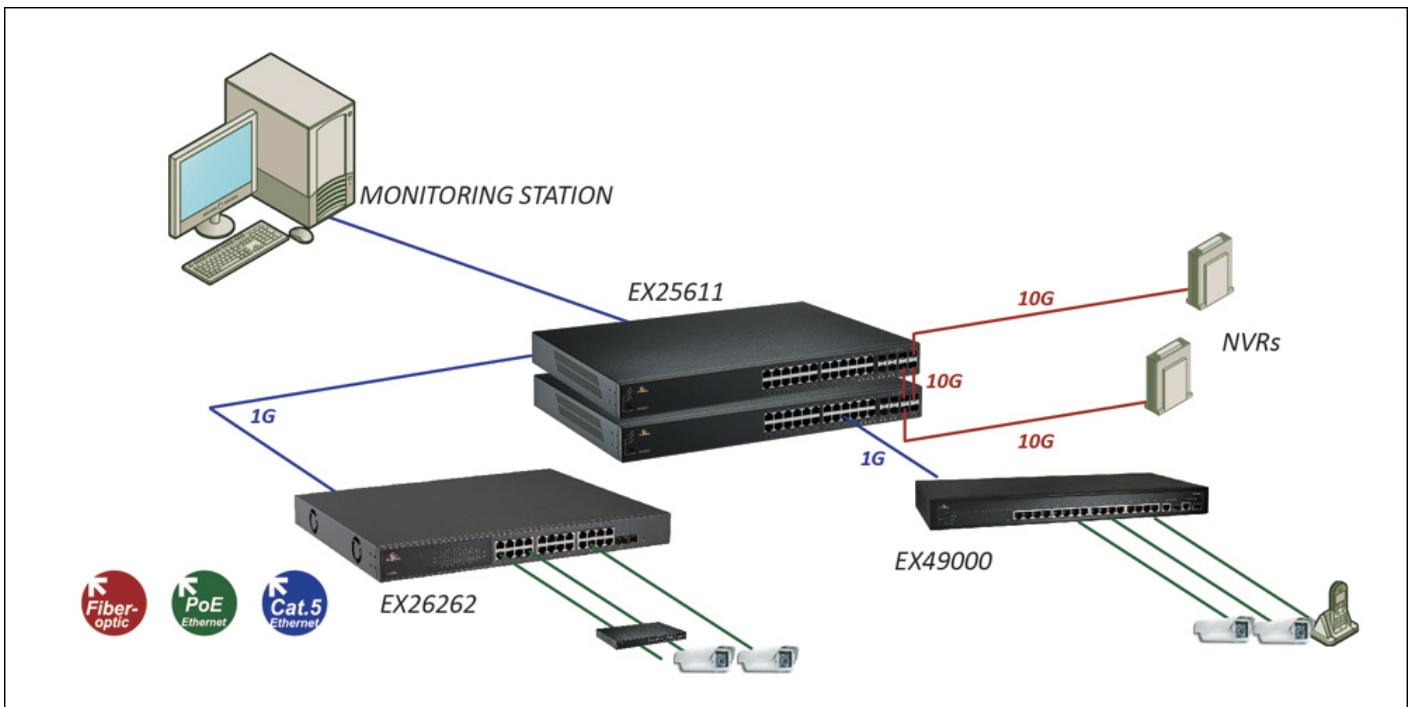
CE Mark Class A

FCC Part 15 Class A

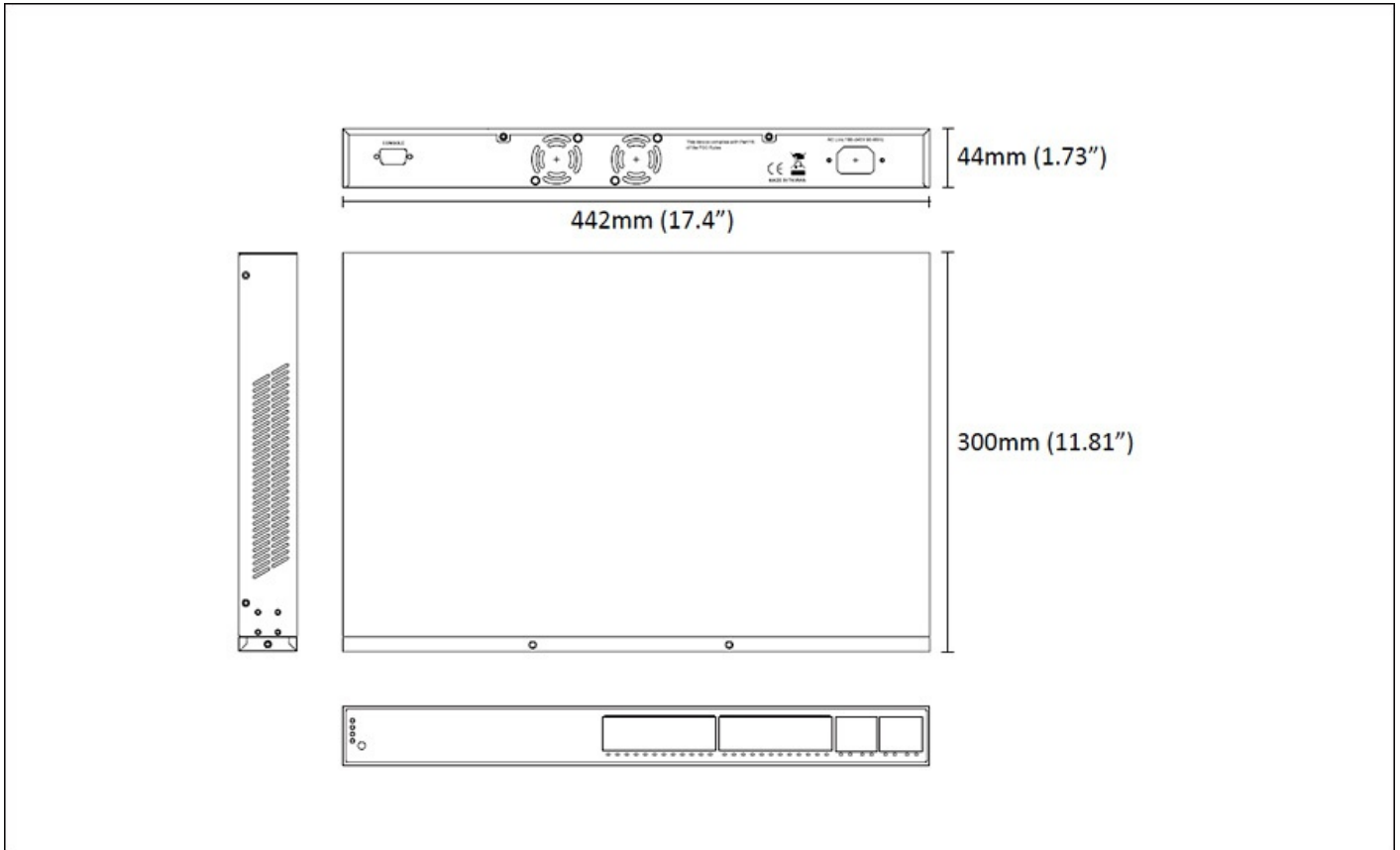
VCCI Class A

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## 產品應用圖



## 產品尺寸圖



## 訂購型號

### 型號

<b>EX25611</b>	24-port 10/100/1000BASE-T (4-port SFP Combo) and 4-port 1G/10G SFP+ Ethernet Managed Switch
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\* Rack mounting kit included.

### Optional 10G SFP Series

Model Number	Designation	Distance	Wavelength	Cable Type
SFPTIM3AE	10GBASE-SR	300m	850nm	Multi-mode OM3 (LC)
SFPTIS10E	10GBASE-LR	10Km	1310nm	Single Mode (LC)

\* More SFP options also available upon request.



