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

本產品自2020年8月4日起停產。 請點選 此處 尋找替代產品。

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

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

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)

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

Performance

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

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

電源

輸入電壓

• 100-240VAC, 50/60Hz

電力功耗

• 47W Max.

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

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

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)

通過認證

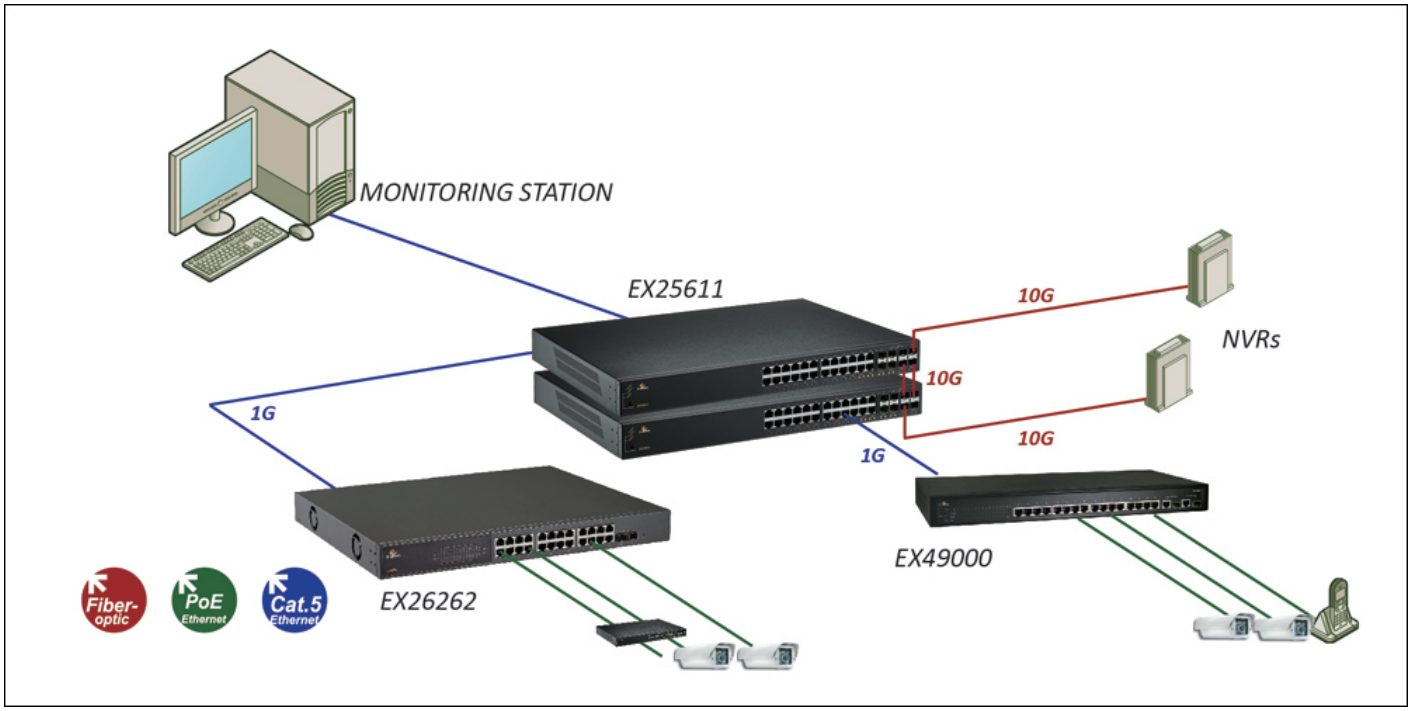
ISO

• Manufactured in an ISO 9001 facility

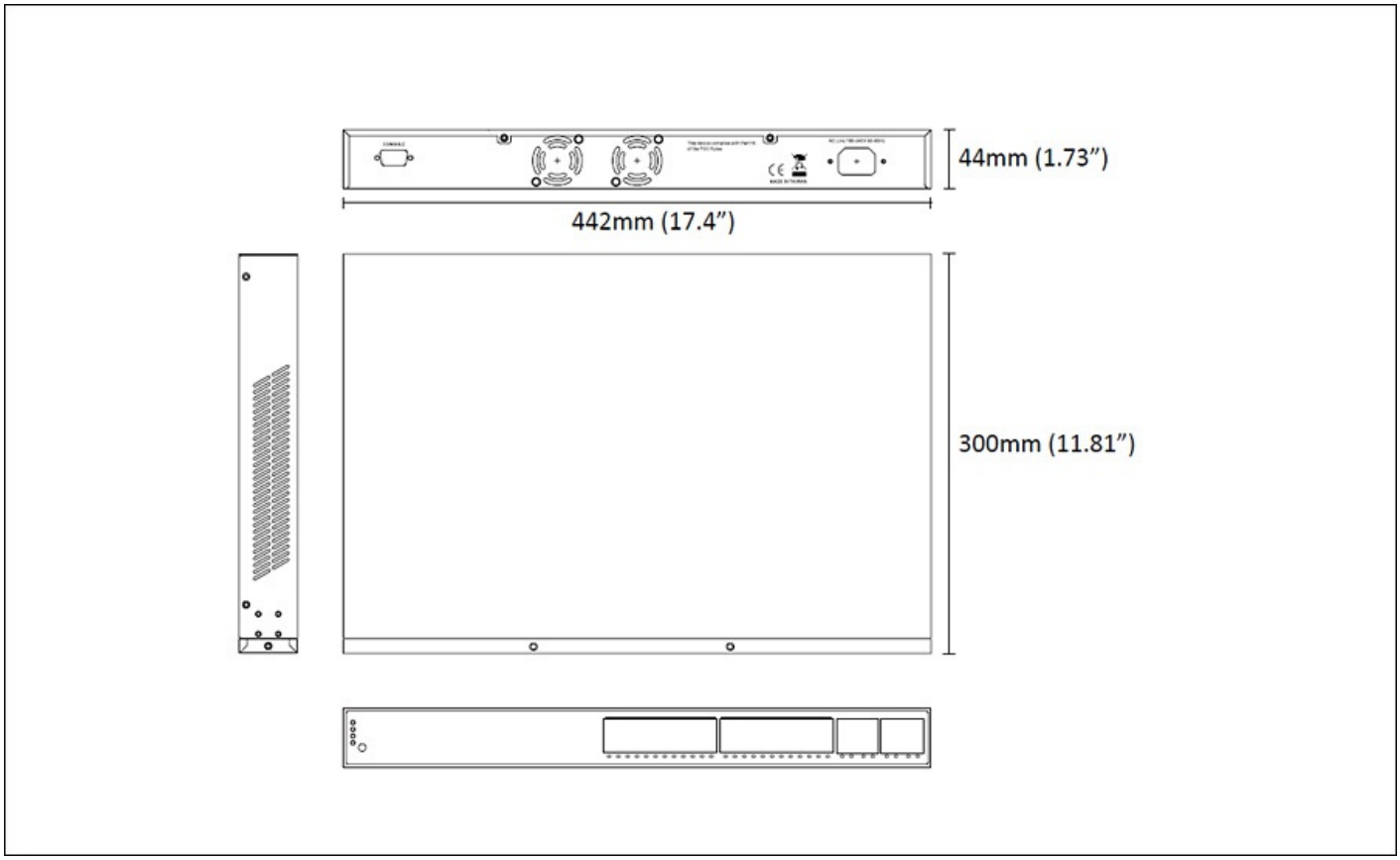
EMI

CE Mark Class A
FCC Part 15 Class A
VCCI Class A

產品應用圖


MONITORING STATION
EX25611
10G
10G
10G
NVRs
1G
1G
EX49000
EX26262
Fiber-optic
PoE Ethernet
Cat.5 Ethernet

產品尺寸圖


44mm (1.73")
442mm (17.4")
300mm (11.81")

訂購型號

型號

EX25611	24-port 10/100/1000BASE-T (4-port SFP Combo) and 4-port 1G/10G SFP+ Ethernet Managed Switch

* 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.

© EtherWAN Systems, Inc. All rights reserved. 20260107
EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.