EX25611

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



Overview

This product is discontinued as of 4th August 2020.click here for alternative product.

EtherWAN's EX25611 Series is a rack-mount Gigabit switch equipped with twenty-eight ports, or a combination of twenty-four Gigabit copper ports and four 1G/10G SFP+ for connecting the switch to the core network. The EX25611 is a feature-rich and powerful network switch with full wire speed Gigabit throughput ideal for small businesses, the network edge, or workgroups within larger organizations.

The simplified user interface enables users to quickly use the comprehensive feature set of the switch, for a better-optimized network. The EX25611 features comprehensive and useful functions such as DHCP Snooping, QoS, Spanning Tree, RSTP/MSTP, VLAN, Port Trunking, Bandwidth Control, Port Security, SNMP/RMON, LLDP and IGMPv3 Snooping capability via the intelligent software. Users are able to access management features via web browser, Telnet, SNMP, RMON, TFTP, and RS-232 console interfaces.

EtherWAN — "When Connectivity is Crucial."

Spotlight

High Bandwidth

» Uplink Ports up to 10Gbps

High Switching Performance

» 128Gbps wire-speed switching performance across all 28 ports

Managed Interface

» Comprehensive QoS based on 802.1p, DSCP, and IP precedence
» High availability based on RSTP/MSTP/LACP
» Integrated port security with ACL and 802.1x

Features

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

Specifications

Technology

Standards

- 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

Address Table Size

- 32K MAC address

Jumbo Frame

- 9K

Power

Input

- 100 to 240VAC, 50/60Hz

Power Consumption

- 47W Max.

Mechanical

Casing

- Metal Case

Dimensions

• 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

Weight

• 3.9 Kg (8.6 lbs)

Installation

• Rack mounting

Interface

Ethernet Port

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

LED Indicators

• Per Unit: System
• Per Port: Link/ACT, SPEED

Environment

Operating Temperature

• 0 to 40°C (32 to 104°F)

Storage Temperature

• -10 to 70°C (14 to 158°F)

Ambient Relative Humidity

• 5% to 95% (non-condensing)

Regulatory Approvals

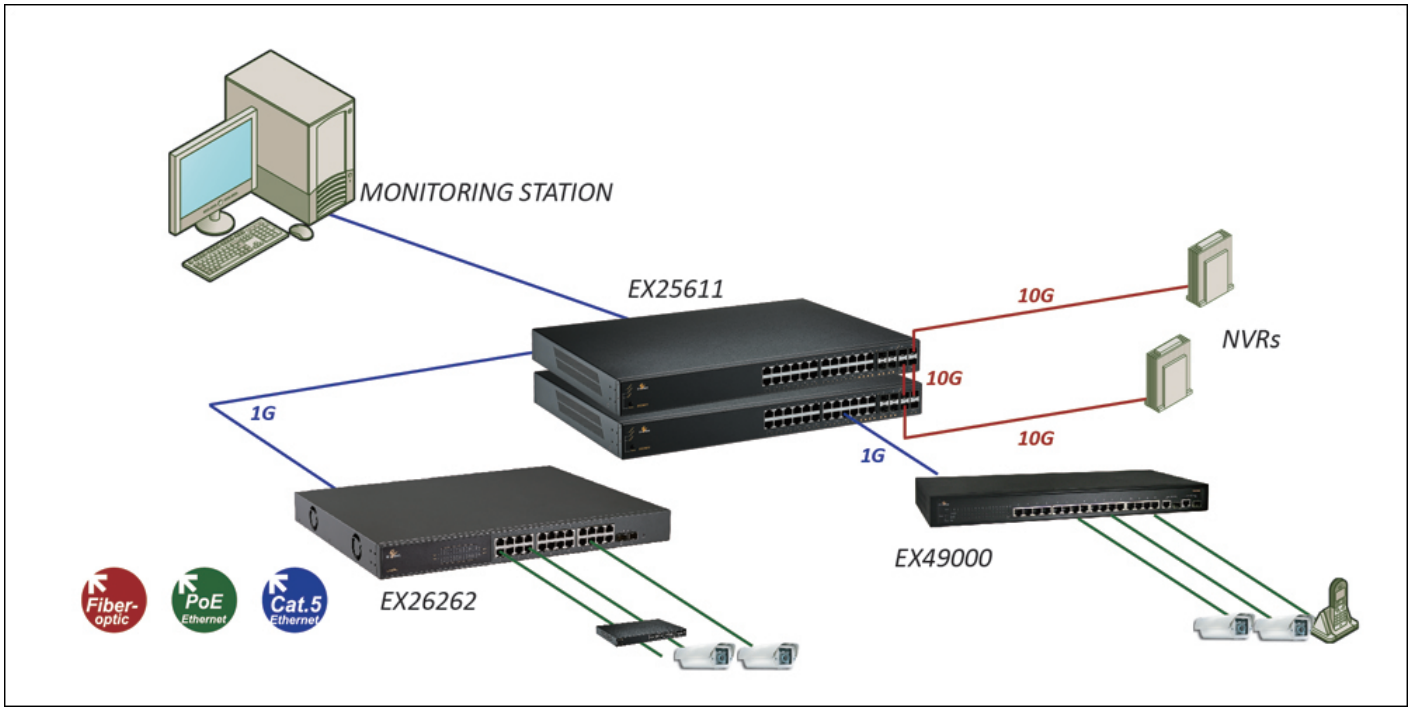
ISO

• Manufactured in an ISO 9001 facility

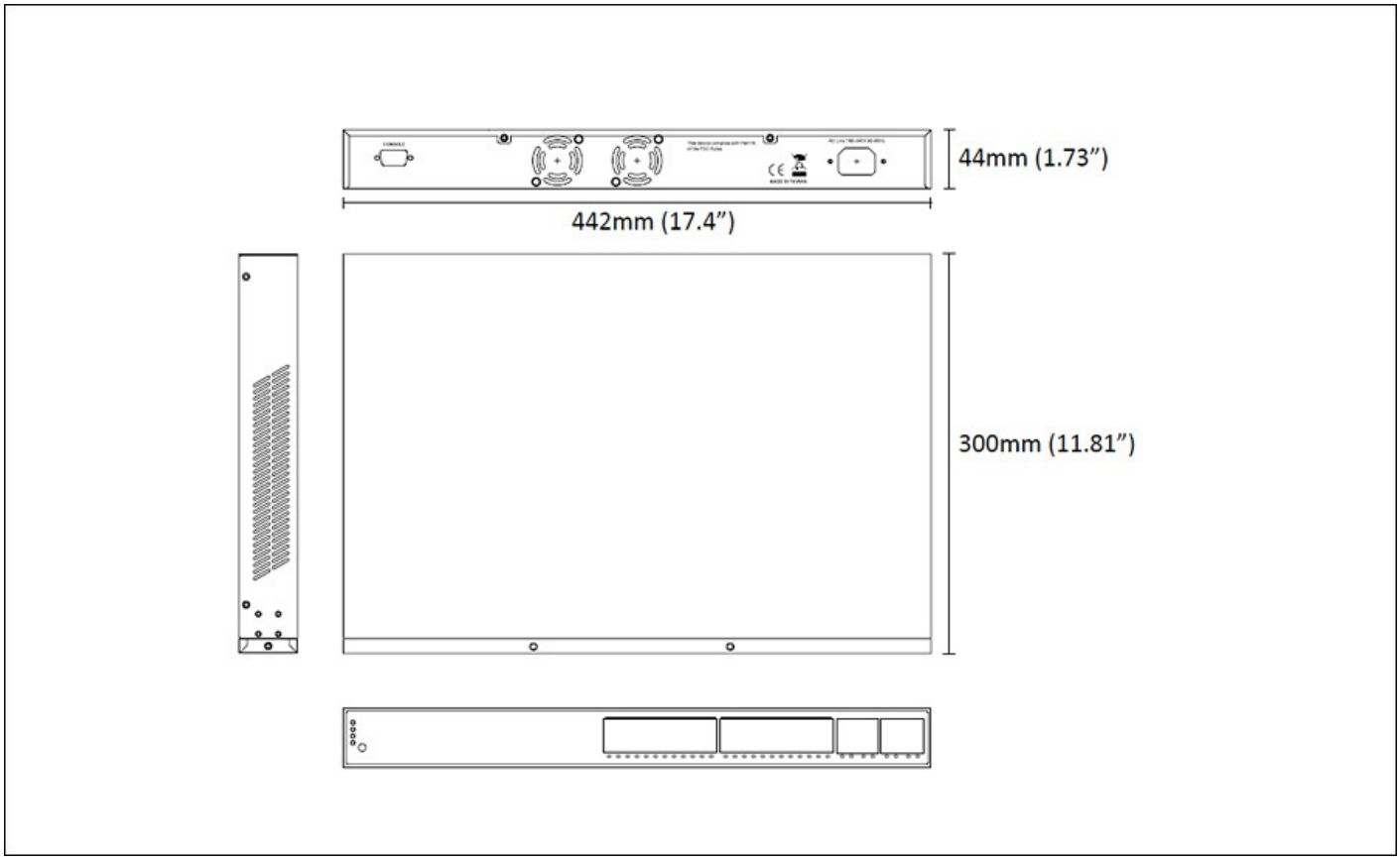
EMI

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

Application



Dimensions



Ordering Info

Model

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

* More SFP options also available upon request.

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