

EX16TX EX24TX Series

Unmanaged 16/24 ports 10/100BASE-TX Ethernet Switch



Overview

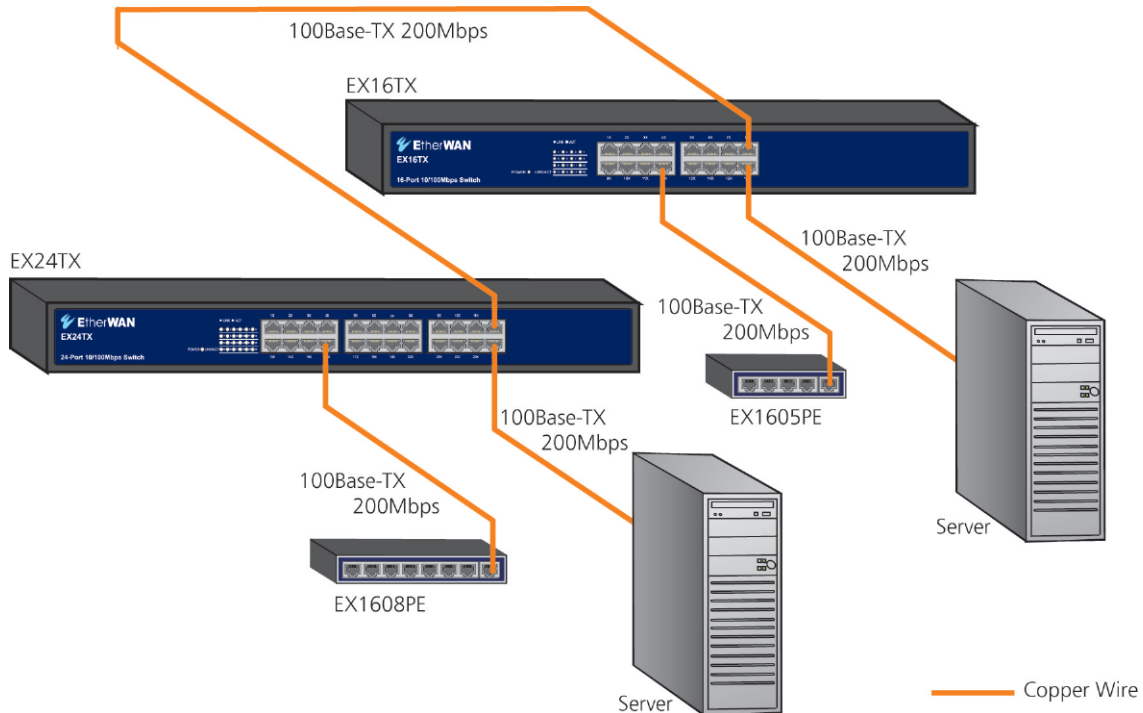
The EX16TX / EX24TX is a powerful, high-performance Fast Ethernet switch, with all 16 / 24 ports capable of 10 or 100Mbps auto-negotiation operation (NWay) which means the switch can automatically negotiate with the connected partners on the network for speed and duplex mode. It is ideal for micro-segmenting large networks into smaller, subnets for improved performance, enabling bandwidth demanding multimedia and imaging applications. Moreover, the 10/100Mbps auto-sensing ability provides an easy way to migrate 10Mbps devices to a 100Mbps network without pain. Compared to shared 10Mbps or 100Mbps networks, the switch delivers a dedicated 10/100Mbps connection to every attached client with no bandwidth congestion issues. Store-and-forward switching mode promises low latency plus eliminates network errors, including runt and CRC error packets. When working in full-duplex mode, transmission and reception of the frames can occur simultaneously without causing collisions effectively doubling the network bandwidth. The EX16TX / EX24TX is plug-n-play without any software to configure and fully compliant with protocols. The diagnostic LEDs on the front-panel provide operating status of individual ports and whole switch.

Features

- ▶ 8192 MAC addresses
- ▶ 1.25M bits Bytes buffer memory
- ▶ 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
- ▶ Full wire-speed forwarding rate
- ▶ 100 ~ 240VAC, 50 ~ 60Hz Internal Universal PSU
- ▶ 0°C to 45°C (32°F to 113°F) operating temperature range

Ordering Information

EX16TX	16-port 10/100BASE-TX Unmanaged Ethernet Switch
EX24TX	24-port 10/100BASE-TX Unmanaged Ethernet Switch



Specifications

Technology

Standards:

- IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3x

Forward and Filtering Rate:

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps

Packet Buffer Memory:

- 1.25M bits

Processing Type:

- Store-and-Forward
- Half-duplex back-pressure and IEEE802.3x full-duplex flow control

Address Table Size:

- 8192 MAC addresses

Power

Input:

- 100 ~ 240VAC, 50 ~ 60Hz Internal Universal PSU

Power Consumption:

- 13.2W Max.

Mechanical

Casing:

- Metal case

Dimensions:

- 441mm (W) x 130mm (D) x 44mm (H)
- (17.36" (W) x 5.12" (D) x 1.73" (H))
- Standard 19" rack-mount size, one-unit-height

Weight:

- EX16TX: 1.4Kg (3.08lbs.)
- EX24TX: 1.5Kg (3.3lbs.)

Installation:

- Rack Mounting

Interface

Ethernet Port:

- 10/100BASE-TX: 16 ports (EX16TX)
- 24 ports (EX24TX)

LED Indicators:

- Per Unit: Power Status (Power)
- Per Port: 10/100TX: Link/Activity

Environment

Operating Temperature:

- 0°C to 45°C (32°F to 113°F)

Storage Temperature:

- -10°C to 70°C (14°F to 158°F)

Ambient Relative Humidity:

- 5% to 95% (non-condensing)

Regulatory Approvals:

ISO:

- Manufactured in an ISO9001 facility

Emission Compliance:

- CE Mark Class A, FCC Part 15 Class A

Diagrams

