

# EX1608SF Series

Unmanaged 8-port 10/100BASE Ethernet Switch



## Overview

EtherWAN's EX1608SF Series is an Unmanaged Fast Ethernet switching platform, designed for easy deployment in small-business or enterprise environments.

The EX1608SF Series is equipped with eight Fast Ethernet ports, with the option of eight 100FX fiber ports for long distance connectivity. Although unmanaged, the EX1608SF is feature rich with full wire speed Fast Ethernet throughput, making the EX1608SF Series a powerful network switch.

EtherWAN – "When Connectivity is Crucial."

## Spotlight

### • Fiber Connectivity

- Up to eight 100BASE-FX ports with SC and ST options

### • Easy to Install

- Internal universal PSU 100VAC - 240VAC, 50 - 60HZ

# Hardware Specifications

## Technology

### Standards

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX/100BASE-FX
- IEEE802.3x, Full duplex and flow control

### Forward and Filtering Rate

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

### Packet Buffer Memory

- 768K bits

### Processing Type

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

### Address Table Size

- 2048 MAC addresses

## Power

### Input

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

### Power Consumption

- 12W Max.

## Mechanical

### Casing

- Metal Case

### Dimensions

- 443.6mm (W) x 203.2mm (D) x 44mm (H)  
(17.47" (W) x 8.07" (D) x 1.73" (H))
- Standard 19" rack-mount size, one-unit-height

### Weight

- 2.8Kg (6.16lbs.)

### Installation

- Rack Mounting

## Interface

### Ethernet Port

- 10/100BASE-TX: 6, 2 or 0 ports
- 100BASE-FX: 2, 6 or 8 ports

### LED Indicators

- Per Unit: Power Status (Power)
- Per Port: 10/100TX, 100FX: Link/Activity, Speed,
- Full-duplex/Collision

## 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

- 10% to 95% (non-condensing)

## Regulatory Approvals

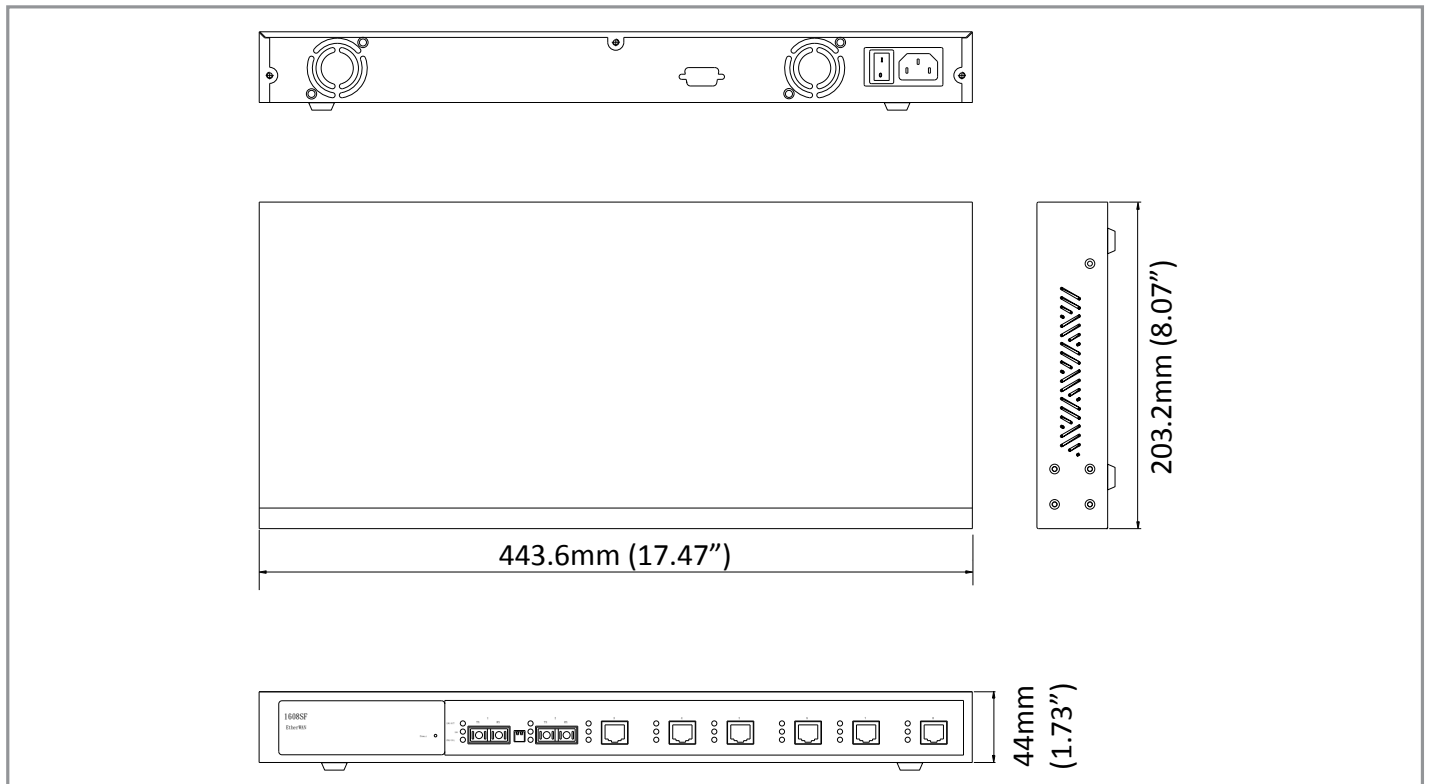
### ISO

- Manufactured in an ISO9001 facility

### Emission Compliance

CE Mark Class A, FCC Part 15 ClassA

## Dimensions




## Ordering Information

### Model

<b>EX1608SFT2</b>	6-port 10/100BASE-TX + 2-port 100BASE-FX Multi Mode (ST) - 2Km Unmanaged Ethernet Switch
<b>EX1608SFC2</b>	6-port 10/100BASE-TX + 2-port 100BASE-FX Multi Mode (SC) - 2Km Unmanaged Ethernet Switch
<b>EX1608SFT2-20</b>	6-port 10/100BASE-TX + 2-port 100BASE-FX Single Mode (ST) - 20Km Unmanaged Ethernet Switch
<b>EX1608SFC2-15</b>	6-port 10/100BASE-TX + 2-port 100BASE-FX Single Mode (SC) - 15Km Unmanaged Ethernet Switch
<b>EX1608SFT6</b>	2-port 10/100BASE-TX + 6-port 100BASE-FX Multi Mode (ST) - 2Km Unmanaged Ethernet Switch
<b>EX1608SFC6</b>	2-port 10/100BASE-TX + 6-port 100BASE-FX Multi Mode (SC) - 2Km Unmanaged Ethernet Switch
<b>EX1608SFT6-20</b>	2-port 10/100BASE-TX + 6-port 100BASE-FX Single Mode (ST) - 20Km Unmanaged Ethernet Switch
<b>EX1608SFC6-15</b>	2-port 10/100BASE-TX + 6-port 100BASE-FX Single Mode (SC) - 15Km Unmanaged Ethernet Switch
<b>EX1608SFC6-40</b>	2-port 10/100BASE-TX + 6-port 100BASE-FX Single Mode (SC) - 40Km Unmanaged Ethernet Switch
<b>EX1608SFT8</b>	8-port 100BASE-FX Multi Mode (ST) - 2Km Unmanaged Ethernet Switch
<b>EX1608SFC8</b>	8-port 100BASE-FX Multi Mode (SC) - 2Km Unmanaged Ethernet Switch
<b>EX1608SFC8-15</b>	8-port 100BASE-FX Single Mode (SC) -15Km Unmanaged Ethernet Switch

### Optional Accessories

<b>KR-EW612-400</b>		Rack mounting kit (white)
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