

# EX1608B/BF1 Series

Unmanaged 8-port 10/100BASE Ethernet Switch



## Overview

EtherWAN's EX1608B/BF1 Series is equipped with eight 10/100BASE Ethernet ports, or a combination with one SX/LX fiber port for high-bandwidth uplink, which supports SC or ST with a fiber connection that can reach up to 120Km (74.4miles). With a fan-less and compact metal casing, the EX1608B/BF1 Series can be easily installed in a tight indoor space, on desktop, on the wall, or mounted on a rack.

The EX1608B/BF1 Series is ideal for home or small enterprise networks.

## Spotlight

### • Plug-and-Play Operation

- 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
- Built-in AC power supply

### • Compact Size

- Palm size for ease of installation in small-office or home networks

### • Versatile Mounting Options

- Wall-mount and rack-mount support

# Hardware Specifications

## Technology

### Standards

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX
- IEEE802.3x Full duplex flow control

### Forward and Filtering Rate

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

### Packet Buffer Memory

- 1M bits

### Processing Type

- Store-and-Forward
- Auto Negotiation
- Half-duplex back-pressure and IEEE802.3x full-duplex
- flow control
- Auto MDI/MDIX

### Address Table Size

- 2048 MAC addresses

## Power

### Input

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

### Power Consumption

- 3.22W Max.

## Mechanical

### Casing

- Metal Case

### Dimensions

- 252mm (W) x 134.3mm (D) x 35mm (H)  
(9.92" (W) x 5.28" (D) x 1.38" (H))

### Weight

- 1.6Kg (3.52lbs.)

### Installation

- Wall, Rack Mounting

## Interface

### Ethernet Port

- 10/100BASE-TX: 8 or 7 ports
- 100BASE-FX: 0 or 1 port

### LED Indicators

- Per Unit: Power Status (Power)
- Per Port: Link/Activity, Speed, Fullduplex/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

- 5% to 95% (non-condensing)

## Regulatory Approvals

### ISO

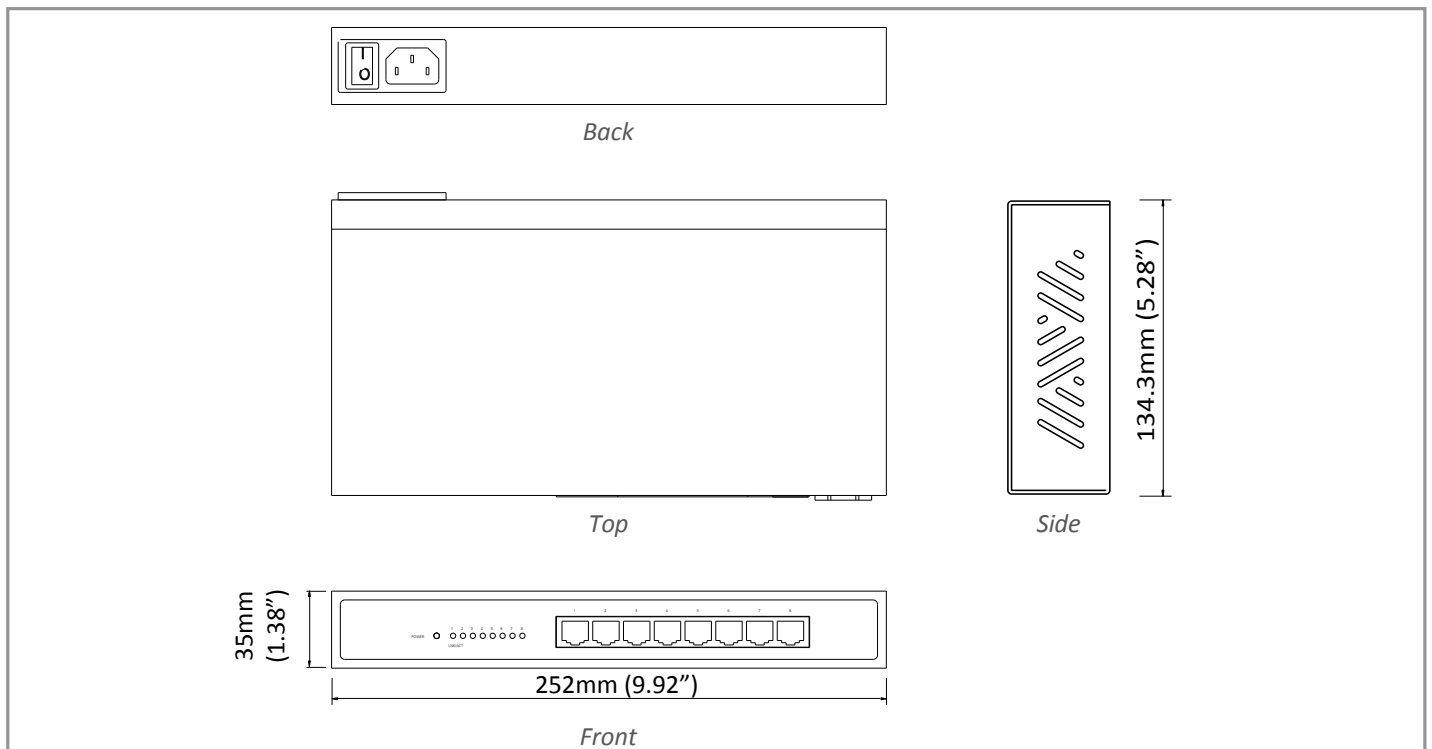
- Manufactured in an ISO9001 facility

## Emission Compliance

### CE Mark Class A

### FCC Part 15B ClassA

## Dimensions



## Ordering Information

### Model

<b>EX1608B</b>	8-port 10/100BASE-TX Unmanaged Ethernet Switch
<b>EX1608BFT</b>	7-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (ST) -2KM Unmanaged Ethernet Switch
<b>EX1608BFC</b>	7-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (SC) -2KM Unmanaged Ethernet Switch
<b>EX1608BFT-20</b>	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (ST) -20KM Unmanaged Ethernet Switch
<b>EX1608BFC-20</b>	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) -20KM Unmanaged Ethernet Switch
<b>EX1608BFC-40</b>	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) -40KM Unmanaged Ethernet Switch
<b>EX1608BFCA-20</b>	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1310nm/RX:1550nm -20KM Unmanaged Ethernet Switch
<b>EX1608BFCB-20</b>	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1550nm/RX:1310nm -20KM Unmanaged Ethernet Switch
<b>EX1608BFCA-40</b>	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1310nm/RX:1550nm -40KM Unmanaged Ethernet Switch
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