EX1605PB/PBF1 Series
EX1608PB/PBF1 Series (US Only)

Unmanaged 5/8-port 10/100BASE Ethernet Switch

Overview

EtherWAN's EX1605PB/EX1608PBF1 Series is a compact unmanaged Fast Ethernet switching platform, designed for easy deployment in small business or enterprise environments.

The EX1605PB/EX1608PBF1 Series is equipped with 5/8 Fast Ethernet ports, with the combination of Fast Ethernet copper ports and one 100FX fiber port for long distance connectivity. Although unmanaged, the EX1608PB/EX1608PBF1 is feature-rich with full wire speed Fast Ethernet throughput, making the EX1608PB/EX1608PBF1 Series a powerful network switch.

EtherWAN – "When Connectivity is Crucial."

Spotlight

- **Fiber Connectivity**
  ◦ Up to one 100BASE-FX port with SC and ST options
  ◦ Fiber port is available with SC or ST with a fiber connection that can reach up to 120Km (74.4miles)

- **Easy to Install**
  ◦ External 12VDC power adaptor
  ◦ Support wall mounting

Hardware Specifications

Technology
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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
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Input Voltage
- 12VDC

Power Consumption
- 3.24W Max. 0.27A @ 12VDC

Mechanical
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Casing
- Metal Case

Dimensions
- 160mm (W) x 80.5mm (D) x 28mm (H)
  (6.3" (W) x 3.17" (D) x 1.1" (H))

Weight
- 0.42Kg (0.92lb.)

Installation
- Wall, Shelf Mounting

Interface
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Ethernet Port
- 5 or 4 10/100BASE-TX ports (EX1605PB/PBF1)
- 8 or 7 10/100BASE-TX ports (EX1608PB/PBF1)
- 0 or 1 100BASE-FX port

LED Indicators
- Per Unit: Power Status (Power)
- Per Port: 10/100TX, 100FX: Link/Activity

Environment
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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
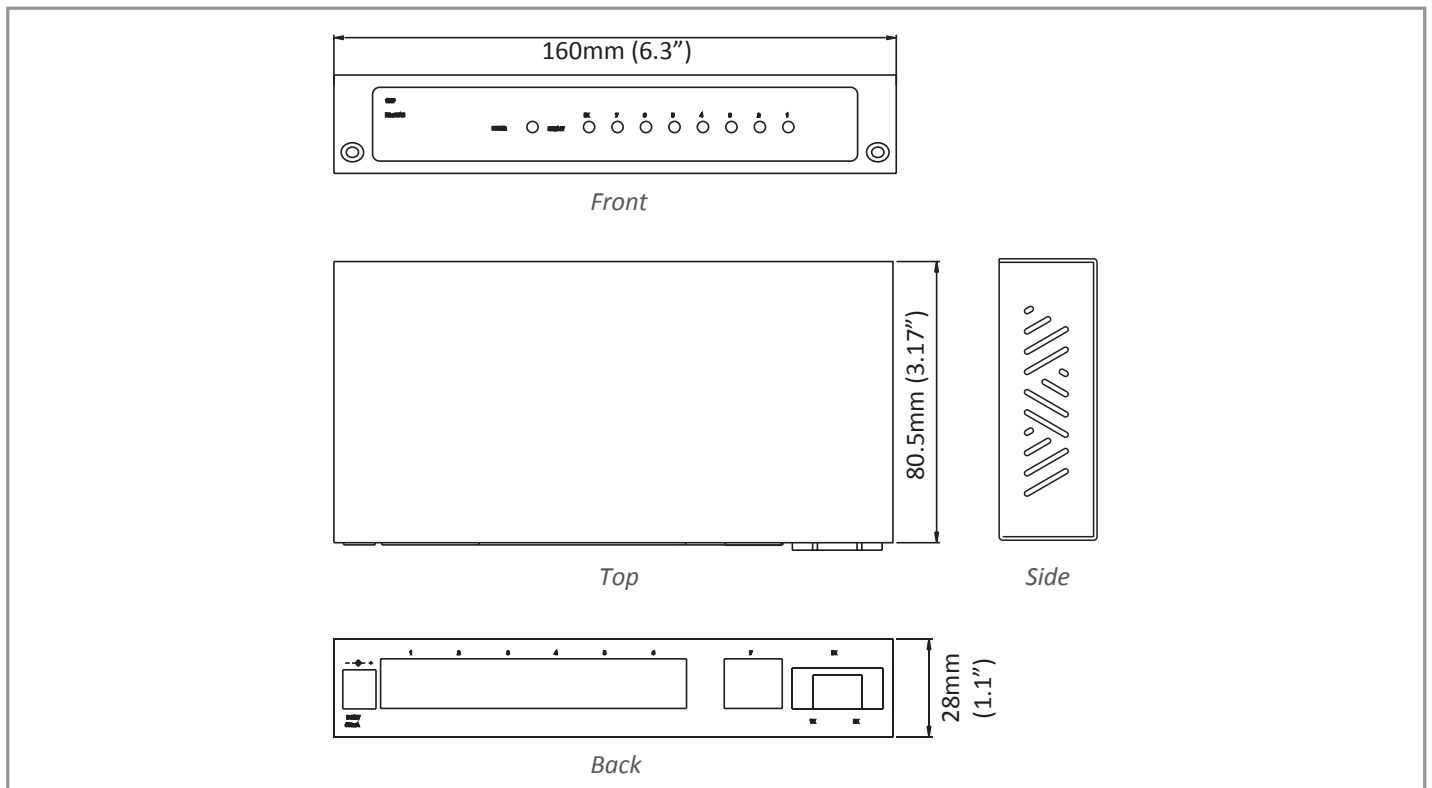- 10% to 95% (non-condensing)

Regulatory Approvals
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ISO
- Manufactured in an ISO9001 facility

Emission Compliance
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CE Mark Class A and FCC Part 15 ClassA

Dimensions

160mm (6.3")

Front

80.5mm (3.17")

Top

Side

28mm (1.1")

Back

Ordering Information

Model

EX1605PB	5-port 10/100BASE-TX Unmanaged Ethernet Switch
EX1605PBFT	4-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (ST) -2Km Unmanaged Ethernet Switch
EX1605PBFC	4-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (SC) -2Km Unmanaged Ethernet Switch
EX1605PBFT-20	4-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (ST) -20Km Unmanaged Ethernet Switch
EX1608PB	8-port 10/100BASE-TX Unmanaged Ethernet Switch
EX1608PBFT	7-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (ST) -2Km Unmanaged Ethernet Switch
EX1608PBFC	7-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (SC) -2Km Unmanaged Ethernet Switch
EX1608PBFT-20	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (ST) -20Km Unmanaged Ethernet Switch
EX1608PBFC-15	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) -15Km Unmanaged Ethernet Switch
EX1608PBFCA-20	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1310nm/RX:1550nm-20Km Unmanaged Ethernet Switch