EL2211 Series

10/100/1000BASE-TX to 1000BASE-SX/LX/BX Media Converter

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Overview

The EL2211 Series provides media conversion between 10/100/1000BASE-T(X) and 1000BASE-SX/LX/BX Fiber. Through DIP switch selection, Link-Fault-Pass-Through (LFPT) function can be active or disabled. With Gigabit transmission rate, the EL2211 supports Jumbo Frame up to 9K bytes. The EL2211 is the ideal media converter for enterprise environments.

EtherWAN — "**When Connectivity is Crucial.**"

Highlights

+ Gigabit Connectivity

- Auto 10/100/1000BASE-TX and 1000BASE-SX/LX/BX Ethernet transmission conversion
- 1000Mbps Full duplex, 10/100MBps Full/Half duplex

+ Optional Chassis System

- Supports wall mounting or EtherWAN's EMC1600 chassis system for easy group installation with power redundancy

+ Link-Fault-Pass-Through (LFPT)

- LFPT function let network operators be aware of network connection status
- If a link fails, the LFPT function will notify the connected device and disable the connection

Specifications

✚ Interface

Ethernet Port

- 10/100/1000BASE-TX: 1 port
- 1000BASE-SX/LX/BX: 1 port

LED Indicators

- Per Unit: Power, LFPT
- Per Port: Link/Activity, Speed

✚ Technology

Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-SX/1000BASE-LX
- IEEE 802.3x Full duplex and flow control

Forward/Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps
- 1,488,100pps for 1000Mbps

Processing Type

- Store-and-forward
- Half-duplex back-pressure and IEEE 802.3x full-duplex flow control
- Auto-negotiation
- Auto MDI/MDIX

✚ Environmental

Operating Temp.

- 0 to 50°C (32 to 122°F)

Storage Temp.

- -10 to 70°C (-14 to 158°F)

Relative Humidity

- 5% to 95% (non-condensing)

✚ Regulatory

ISO

- Manufactured in ISO-9001 facility

Safety

- UL 60950-1

Emission Compliance

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

➕ Power

Input

- 12VDC

Power Consumption

- 2.76W max. 0.23A@12VDC

➕ Physical

Casing Material

- Aluminum

Dimensions

- 80.3 x 109.2 x 23.8mm (W x D x H)
  3.16" x 4.30" x 0.94"

Weight

- 0.15kg (0.33lbs)

Installation Type

- Wall mounting, or in EMC1600 Chassis System

➕ Warranty

Length

- Limited Lifetime

Details

- www.etherwan.com/support/warranty-policy

➕ What's Included

Device
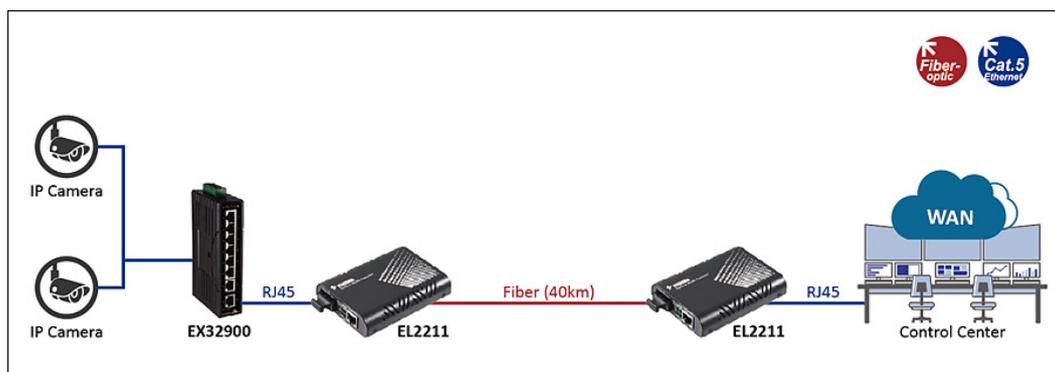
- Media Converter

Power
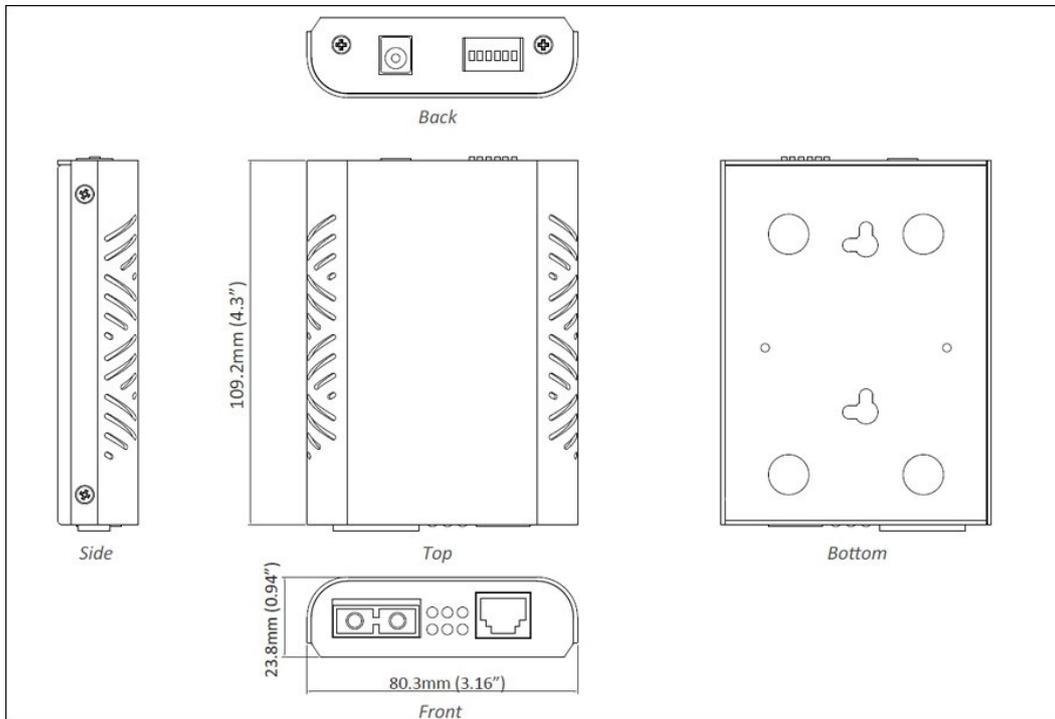
- 12VDC Power Adapter

Documentation

- Quick Install Guide

Application

Dimensions

Ordering Info

✚ Model

EL2211-X1Z	10/100/1000BASE-TX to 1000BASE-X Media Converter

Note: Shipment comes along with universal adapter; US (JP) /EU/UK plugs are included.

✚ Gigabit Port Options (X)

3	1000BASE-SX (SC) - 550m (850nm)
4	1000BASE-SX (SC) - 2Km (1310nm)
5	1000BASE-SX (ST) - 550m (850nm)
A	1000BASE-LX (SC) - 10Km
B	1000BASE-LX (SC) - 20Km (1310nm)
E	1000BASE-LX (SC) - 40Km (1310nm)
R	1000BASE-BX (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
S	1000BASE-BX (SC) WDM–TX: 1550nm/RX: 1310nm-20Km

✚ Accessories

Multiple Channel Chassis	www.etherwan.com/products/media-converters/multiple-channel-media-converters