

# EL2211 Series

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



## 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

### + 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

### + 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

### + Warranty

**Length**  
Limited Lifetime

**Details**  
[www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

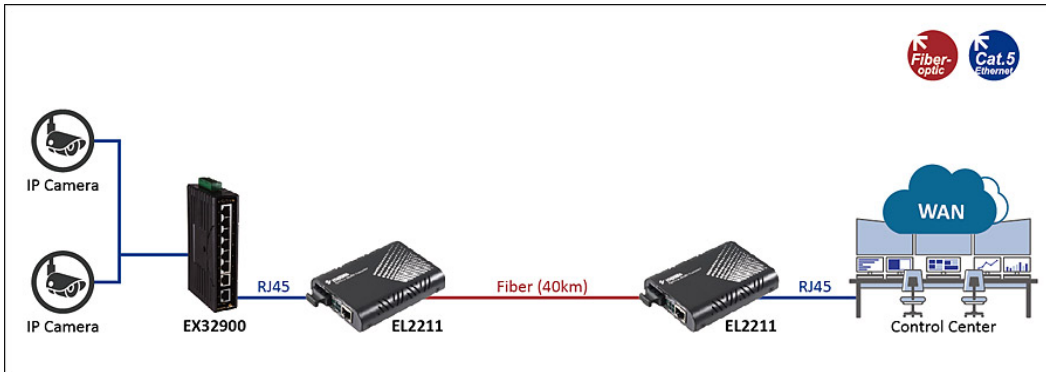
### + What's Included

**Device**  
Media Converter

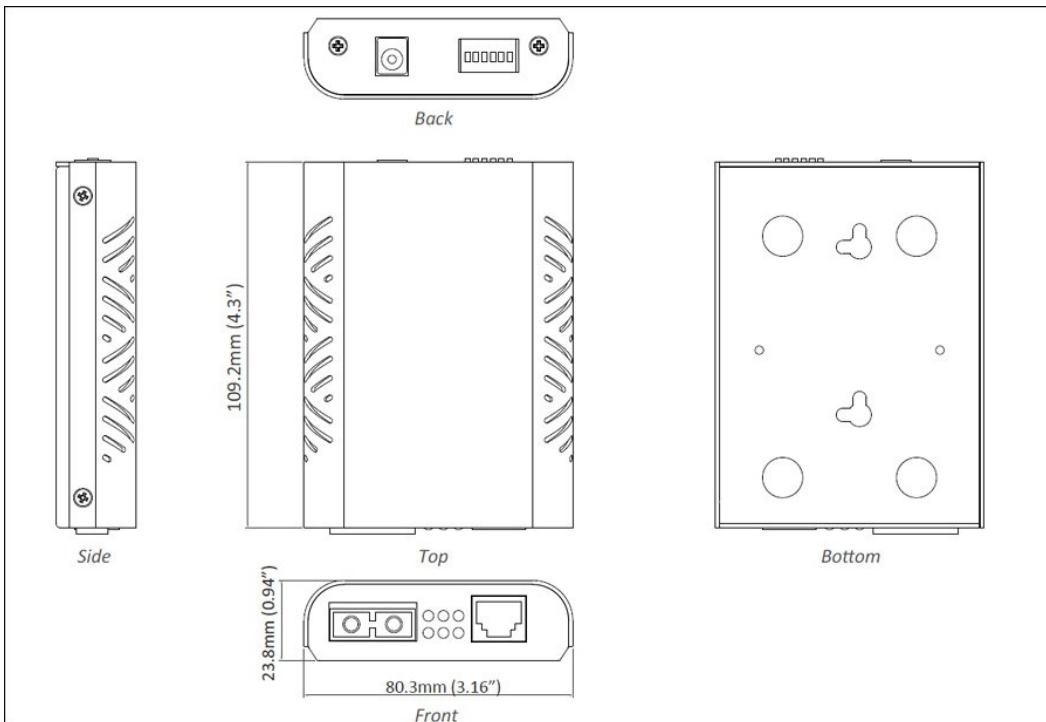
**Power**  
12VDC Power Adapter

**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

### + Power Adapter Options (Z)

- A** with external power adapter for AU
- E** with external power adapter for EU
- J** with external power adapter for JP
- K** with external power adapter for UK
- U** with external power adapter for USA
- 3C** with external power adapter for China

### + Accessories

**Multiple Channel Chassis** [www.etherwan.com/products/media-converters/multiple-channel-media-converters](http://www.etherwan.com/products/media-converters/multiple-channel-media-converters)

