

# 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

### + 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

### + Optional Chassis System

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

## 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](http://www.etherwan.com/support/warranty-policy)

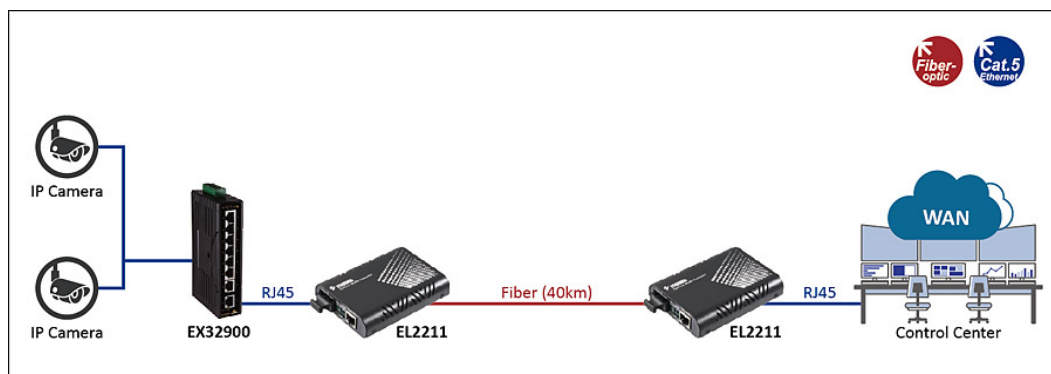
## + What's Included

**Device**  
Media Converter

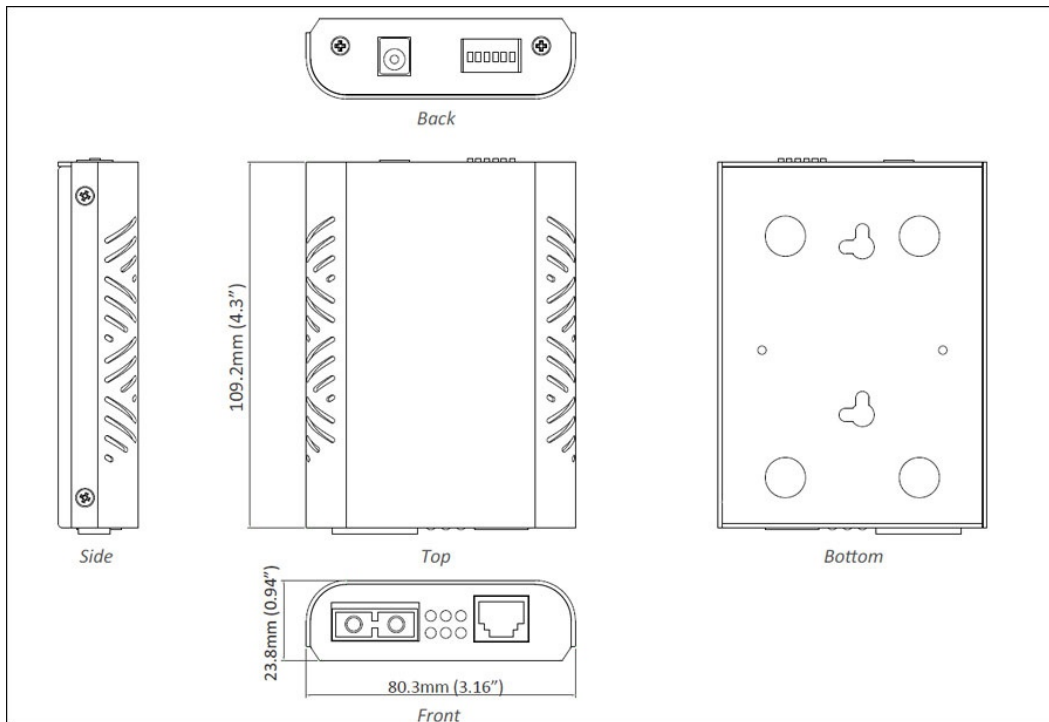
**Power**  
12VDC Power Adapter

**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

### + 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)



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