

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

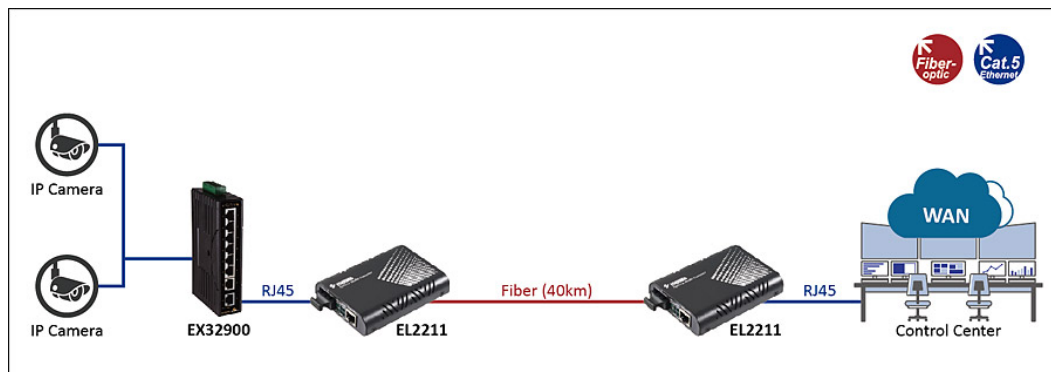
+ What's Included

Device
Media Converter

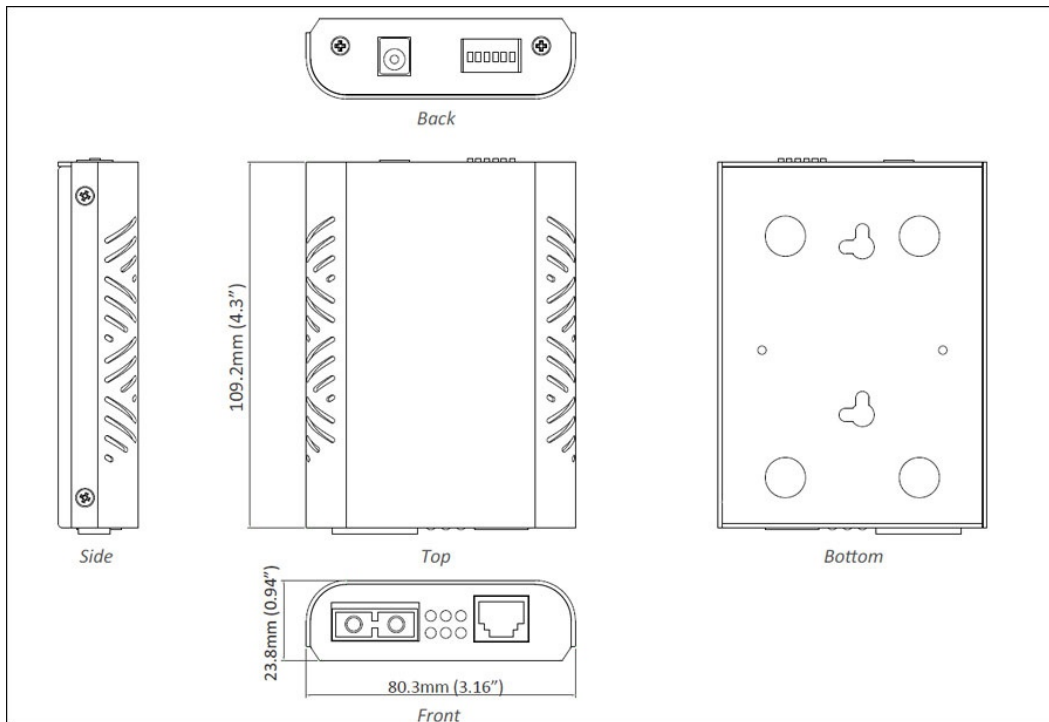
Power
12VDC Power Adapter

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



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