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

1.8W Max. 0.15A@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

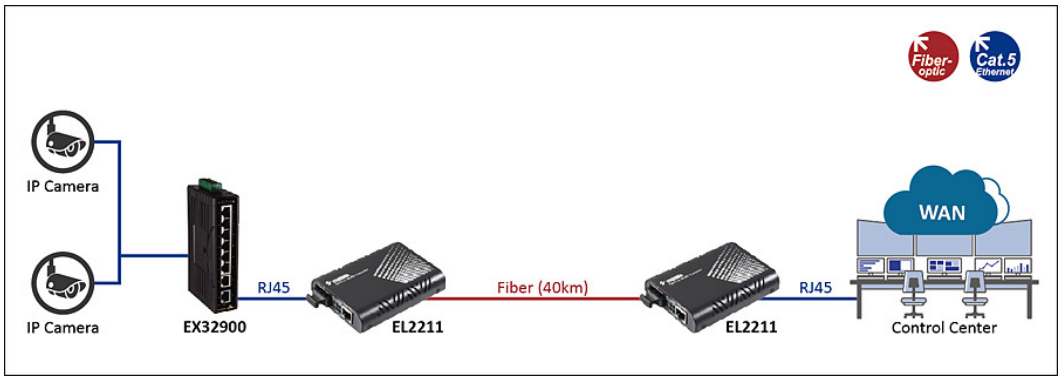
Power

12VDC Power Adapter

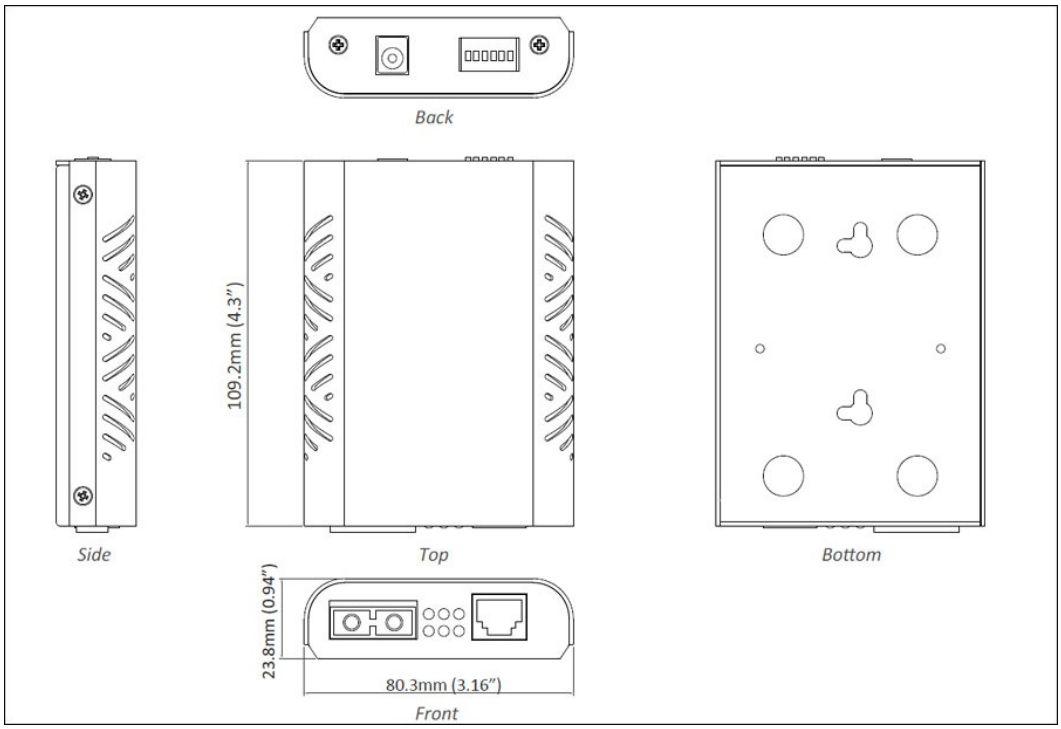
Documentation

Quick Install Guide

Application



Dimensions



Ordering Info

Model

EL2211-X1	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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