

EL2211 Series

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



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

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.

Ordering Information

Model

EL2211-X1Z 10/100/1000BASE-TX to 1000BASE-SX/LX/BX 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)

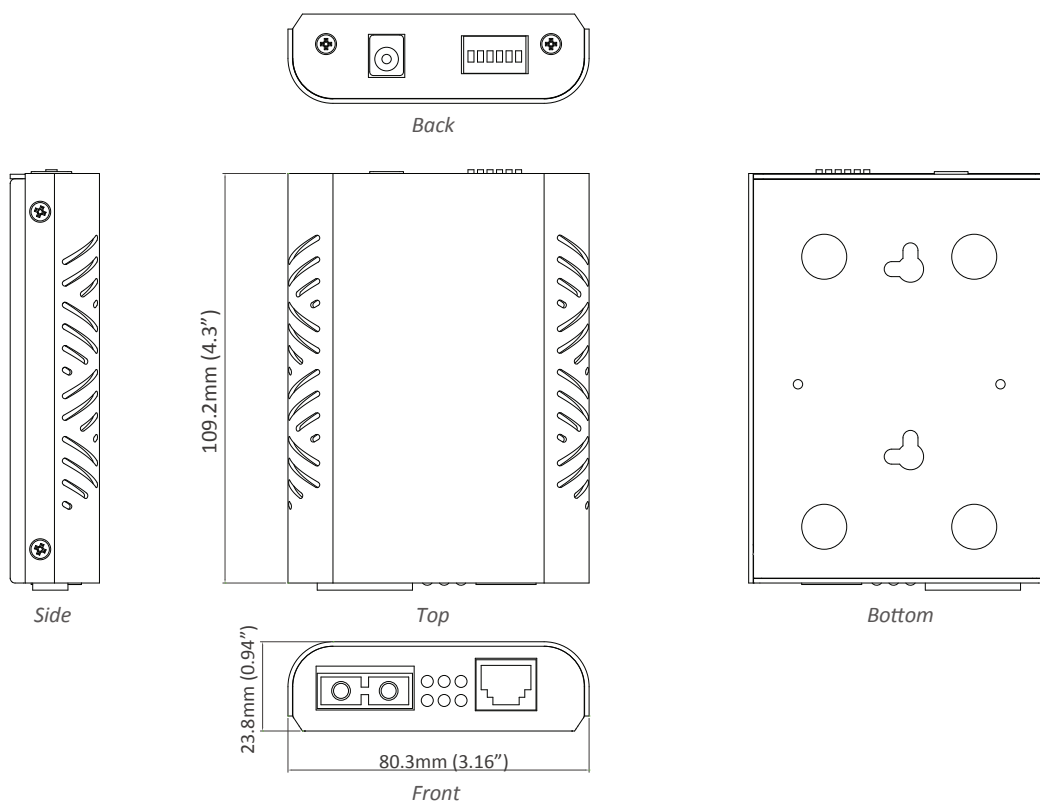
A	with external power adapter for AU
E	with external power adapter for EU
J	with external power adapter for JP
K	with external power adapter for UK
U	with external power adapter for USA
3C	with external power adapter for China

Hardware Specifications

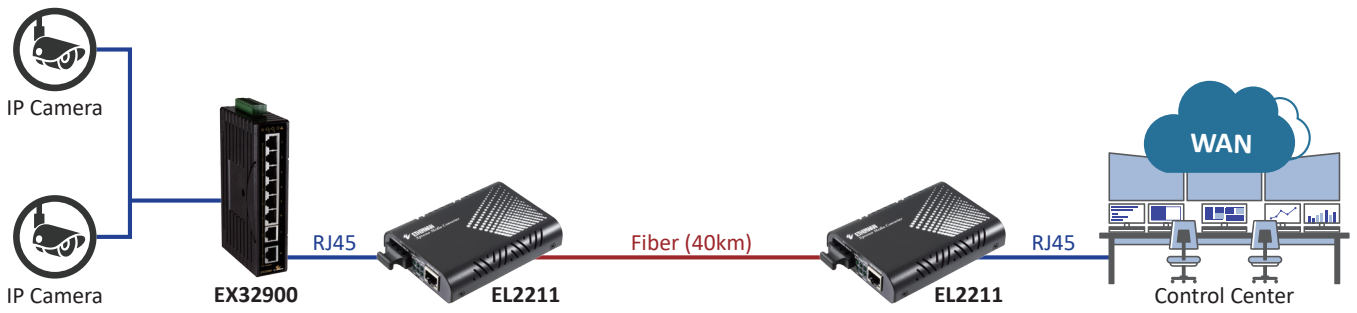
Interface +	
Ethernet Port	10/100/1000BASE-TX: 1 port 1000BASE-SX/LX/BX: 1 port
LED Indicators	Per Unit: Power, LFPT Per Port: Link/Activity, Speed
Technology +	
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-SX/1000BASE-LX IEEE 802.3x full duplex and 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
What's Included +	
Device	Media Converter
Power	12VDC Power Adapter
Documentation	Quick Install Guide

Dimensions



Application



Accessories

Multiple Channel Chassis



www.etherwan.com/products/media-converters/multiple-channel-media-converters