EMC1600 Series

16-Bay Media Converter and Ethernet Extender Chassis

Value

- › Redundant power supplies with Ideal Central Point, powered up to 16 Media Converters and Ethernet Extenders
- › The chassis system is capable of hot-swap installation of Media Converters, Ethernet Extenders and redundant power supply

Features

- › House up to sixteen Media Converters (EL2321, EL2211, EL2315, EM1100/EM2100, EM1000/EM2000, EM1000S/EM2000S, EM120, EL100/EL200, and EL110/EL210 series) and Ethernet Extenders (ED3101 and ED3331)
- › Non-stop operation and minimal downtime
- › Hot-swappable: Media Converters, Ethernet Extenders and redundant power supply modules
- › Redundant 100 - 240VAC 50 - 60Hz Internal Universal PSU or 48VDC Power inputs
- › Power redundancy: The other redundant power supply module is capable of taking over immediately if one of the power supply modules fails

- › Load sharing: Two internal power supply modules provided for load sharing purposes
- › Power isolation: Media Converter and Ethernet Extender bay power isolation ensures each bay is electrically isolated from each other
- › Over current protection: Fuse on PCBA for each Media Converter and Ethernet Extender bay and power supply module
- › 0°C to 45°C (32°F to 113°F) operating temperature range
- › Metal case, standard 19" rack-mount size, two-unit-height
- › Supports Rack Mounting installation

Ordering Information

EMC1600	16-Bay Media Converter and Ethernet Extender Chassis, includes 2 AC Power Supplies (EMC1600-RPSA)
EMC1600-RPSA	Redundant AC Power Supply (84W) for EMC1600
EMC1600-RPSA2	Redundant AC Power Supply (108W) for EMC1600
EMC1600-RPSD	Redundant DC 48V Power Supply (65W) for EMC1600

NOTES :

* The optional Media Converter and Ethernet Extender series for EMC1600 are to be separately ordered by customers' choice

* The following is the list of the Media Converter series:

EL2321, EL2211, EL2315, EM1100/EM2100, EM1000/EM2000, EM1000S/EM2000S, EM1020, EM120, EL100/EL200, EL110/EL210 series

* The following is the list of the Ethernet Extender series:

ED3101 and ED3331

Specifications

Power

Input	• 100 - 240VAC, 50 - 60Hz Internal Universal PSU
	• + / - 48VDC

Power Consumption	• System: 5.4W Max.

Mechanical

Casing	• Metal case

Dimensions	• 440mm (W) x 276mm (D) x 90mm (H)
	(17.32" (W) x 10.87" (D) x 3.54" (H))
	• Standard 19" rack-mount size, two-unit-height

Weight	• 6.8Kg (14.96lbs.)

Installation	• Rack Mounting

Interface

LED Indicators	• Per Unit: Power Status (Power)

Environment

Operating Temperature	• 0°C to 45°C (32°F to 113°F)

Storage Temperature	• -10°C to 70°C (14°F to 158°F)

Ambient Relative Humidity	• 5% to 95% (non-condensing)

Regulatory Approvals

ISO	• Manufactured in an ISO9001 facility

Safety	• UL60950-1

Emission Compliance	• CE Mark Class A
	• FCC Part 15 Class A

Diagrams

Unit: mm

Front   Back   Top   Side