

# EMC1600 Series

## 16-Bay Media Converter and Ethernet Extender Chassis



## Overview

The EMC1600 is a 16-Bay chassis specifically designed to house and power selected EtherWAN Media Converters and Ethernet Extenders in a 19" rack enclosure.

The hot swappable design enables easy installation, product additions, and deletions of EtherWAN Media Converters and Ethernet Extenders without interrupting existing communications within the chassis. Each bay is electrically isolated from each other with fused over-current protection resulting in unprecedented reliability. The redundant internal power supplies provide both power redundancy and load sharing. Support for both AC & DC power input options allows the EMC1600 to be used worldwide. With its solid metal enclosure, standard 19" rack-mount and two-unit height design, the EMC1600 is ideal for interconnecting disparate network media and extending Ethernet beyond its boundaries.

EtherWAN — "When Connectivity is Crucial."

## Spotlight

### • Hot-Swappable

- The chassis system is capable of hot-swap installations of selected EtherWAN's media converter and Ethernet extender Model

### • 16-Bay Rackmount Chassis

- Powers up 16 media converters with redundant power supply modules

### • Supports EtherWAN's Ethernet Extenders and Media Converters

- Supported media converter models include EL2321, EL2211, EL2315, EM1100/EM2100, EM1000/EM2000, EM1000S/EM2000S, EM1020, EM120, EL100/EL200 and EL110/EL210 series
- Supported Ethernet extender models include ED3101 and ED3331 Series, but the operating temperature is limited from 0°C to 45°C

# Hardware Specifications

## Power

### Input

- 100 - 240VAC, 50 - 60Hz Internal Universal PSU
- ± 48VDC

### Power Consumption

- System: 5.4W Max

### Protection

- Over current protection

## 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)

### Relay Output

- 30VDC/0.6A

## 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 ISO 9001 facility

## Safety

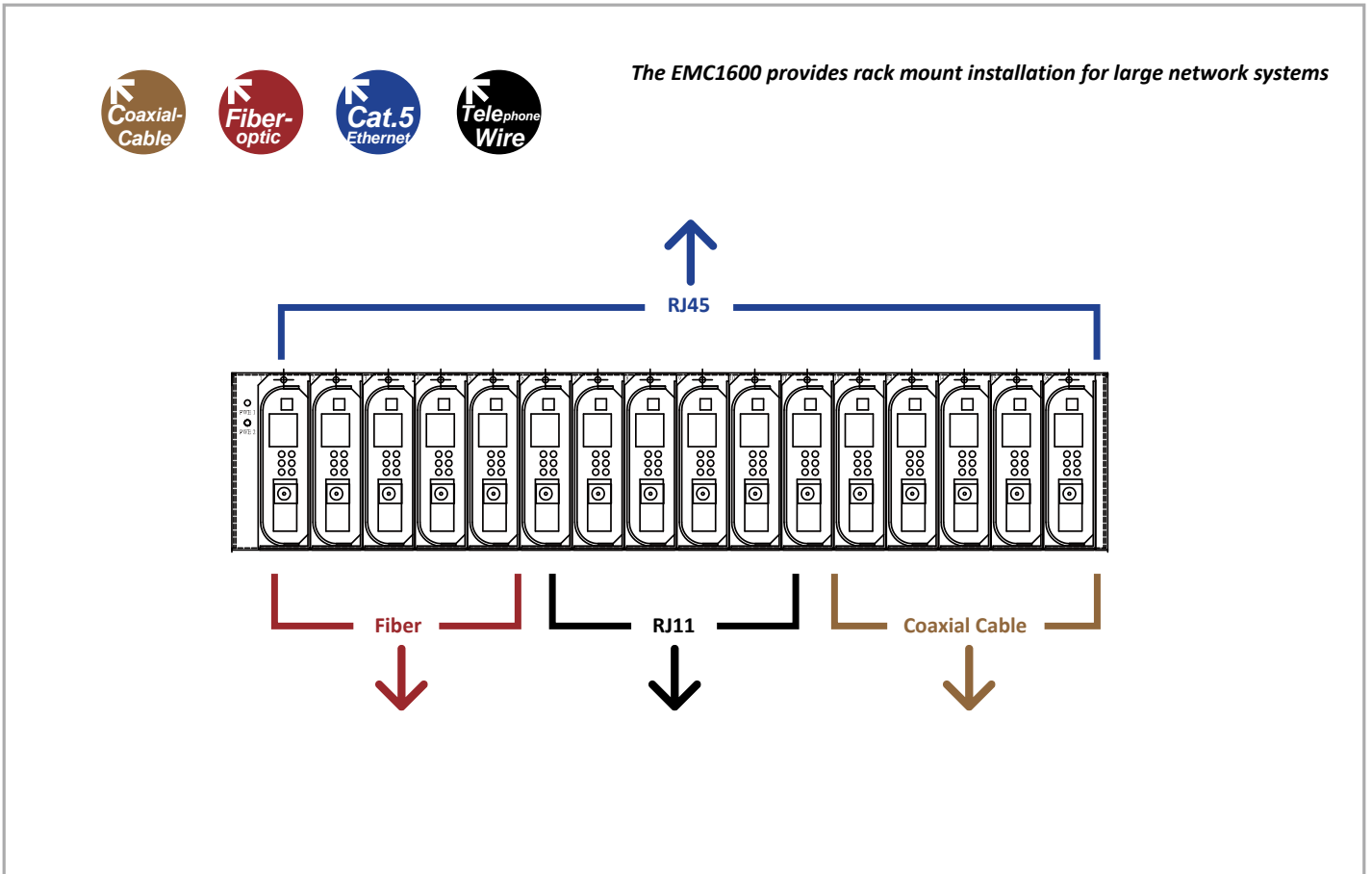
### UL 60950-1

## Emission Compliances

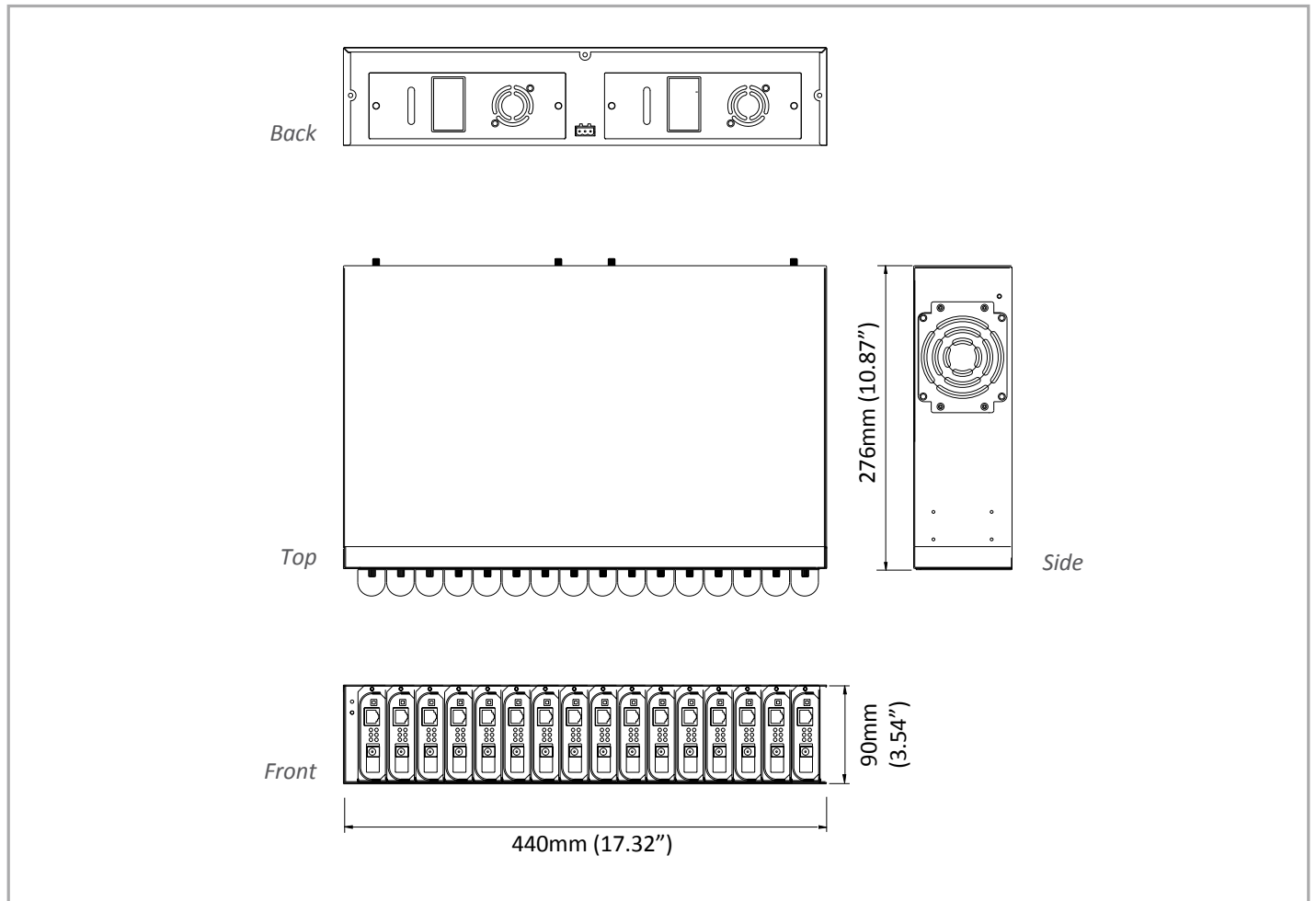
### CE Mark Class A

### FCC Part 15B Class A

# Application Diagram



## Dimensions



## Ordering Information

### Model

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