Product Data Sheet

MCR-R15
Media Converter Rack with Internal Power Supply - 15 slots

Overview

The IFS MCR Series Media Converter Rack offers a low-profile (2.4U) design for efficient, high-density media converter installation in a standard EIA 19" rack. The chassis can accommodate up to 15 media converter modules from the IFS MCR Series family of media converters for Fast or Gigabit Ethernet transmission over optical fiber or coaxial cable.

Standard Features

- Standard EIA 19" design
- Plug-and-Play design
- Hot swappable
- Built-in diagnostic indicators
- Convenient universal 100-240VAC power supply
- Two rear panel power bays for redundant power supply operation
- Built-in protection from over-voltage, over-current and short-circuit faults
- Compatible with MCR range of products

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Specifications

Connectors
- AC Line-in IEC Socket
- Back plane DC connector (one per slot) 2.5mm DC receptacle

LED Indicators
- Power 1 (Green) On/AC power OR Off/not powered or power failure
- Power 2 (Green) On/AC power OR Off/not powered or power failure
- Fan A (Green) On/fan functioning OR Off/fan malfunction
- Fan B (Green) On/fan functioning OR Off/fan malfunction

Electrical & Mechanical
- Input Power 100~240 VAC, 50-60Hz @ 1.5A
- Power Consumption Unloaded: 10 watts / 34BTUs (with 1 Power Supply) Fully loaded: 88 watts / 301BTUs
- Output power (backplane) +5VDC
- Enclosure Metal
- No. of slots 15
- Fans 2
- Dimensions (W x D x H) 17.3 x 7 x 4 in. (440 x 180 x 103mm) 2.4U height
- Weight 9.47 lbs. / 4.30kg

Environmental
- Reliability MTBF > 50,000 hrs @ 25°C
- Operating Temperature 0° ~ 50° C
- Storage Temperature -10° ~ 70° C
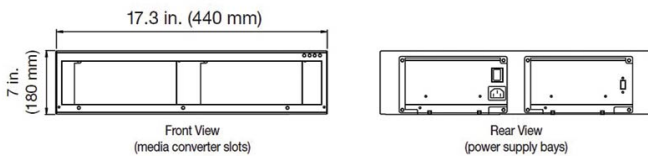- Relative Humidity 0 ~ 90% (non-condensing)

Standards Compliance
- Regulatory Compliance FCC Part 15 Class A; CE; UL 60950-1; EN 60950-1; IEC 60950-1
- EMI EN 55022 CLASS A / EN61000-3-2 / EN61000-3-3
- EMS EN 50130-4 / IEC 61000-4-2 / IEC 61000-4-3 / IEC 61000-4-4 / IEC 61000-4-5 / IEC 61000-4-6 / IEC 61000-4-8

Accessories
- MCR-RPS MCR Chassis Redundant Power Supply - 100-240 VAC (130W)

Diagram

17.3 in. (440 mm)

7 in. (180 mm)

Front View (media converter slots)

Rear View (power supply bays)

Ordering Information

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UTC Fire & Security

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