



Fiber to HDMI Rack Module

Theatrixx



#XVVRM-FIBER2HDMI

The Fiber to HDMI Rack Module is a unit option for the 8-Bay Reversible Rackmount Converter system. The module can be inserted in the 8-Bay Frame in either direction, allowing the inputs/outputs to be positioned either at the front or the back of the unit depending on the application. There are no exposed PCBs as all modules are enclosed, and therefore protected against static shock, dust and general wear and tear. Gold-plated, redundant spring pins with magnetic retention deliver DC power to the modules, meaning no messy cabling and external power bricks are needed.

Connections

Fiber Input

10 Gbps Optical Ethernet, SFP-based,
Choice of Singlemode or Multimode,
Choice of Neutrik OpticalCON DUO or QUAD,
or FiberFOX EBC connectors

Ethernet Port

1 Gbps Ethernet on Neutrik EtherCON

Video Output

HDMI 2.0 type A



Supported Signals

HDMI 2.0 output

All HDMI 2.0 formats including:
4K/60 8-bit 4:4:4, 4K/60 10-bit 4:2:2,
High dynamic range (HDR10 & Dolby Vision)

Embedded audio

Up to 8 channels, 24 bit, 192 kHz

Encoding Technology

SDVoE (NT1000-based)

Typical Latency

< 0.1 ms

Auxiliary Signals

1 Gbps Ethernet pass-thru

Environmental

Relative Humidity

0 % to 90 % non-condensing

Physical

Width

41 mm (1.61 in)

Height

121.5 mm (4.78 in)

Depth

225 mm (8.85 in)

Weight



710 g (1.56 lbs)

Power Requirements

Power Supply

Reversible redundant power fed by TXVV-RF8 (8-Bay Rackmount Frame)

Power Consumption

20 W

Operational Voltage Range

12 VDC

In the box

Theatricalx Reversible Module Fiber to HDMI

Certifications



DESIGNED & MANUFACTURED
IN CANADA