DisplayPort to Quad-SDI Rack Module

Theatrixx

#XVVRM-DP2QSDI

The DisplayPort to Quad-SDI 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

Video Input

4 x DisplayPort 1.2

Video Loop-thru

4 x Quad-link 3G-SDI BNC (16 BNC)

Video Output

Tri-level sync (BNC) with loop-thru

Environmental

Relative Humidity

0 % to 90 % non-condensing

Power Requirements

Power Supply

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

Power Consumption

20 W

Operational Voltage Range

12 VDC

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)

Supported Signals

DisplayPort 1.2/HDMI 2.0 input

4096x2160p @ 60/50 fps

4K60P 4:4:4

4096x2160p @ 30/25/24 fps,
3840x2160p @ 60/50 fps,
3840x2160p @ 30/25/24 fps,
1920x1080p @ 60/50 fps,
1920x1080p @ 30/25/24 fps,

1920x1080i @ 60/50 fps

**Quad-Link 3G-SDI
out**

4096x2160p @ 60/50/30/25/24 fps

4 x 1080P 4:2:2

3840x2160p @ 60/50/30/25/24 fps

Embedded audio

Up to 8 channels, 24 bit, 48kHz

Default EDID

3840x2160p @ 60 or 50 fps (selectable)

In the box

Theatrixx Reversible Module
DisplayPort to Quad-SDI

Certifications

FC CE HDMI DESIGNED & MANUFACTURED IN CANADA