SDI Repeater Reversible Module
Theatrixx

#XVVRMSDI2SDI

The SDI Repeater dual channel Reversible Module fits in 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

2 x 3G/HD/SD SDI BNC

Video Output

2 x 3G/HD/SD SDI BNC

Supported Signals

3G Format Support

1080p50, 1080p59.94, 1080p60

HD Format Support

720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080PsF23.98, 1080p24, 1080PsF24, 1080p25, 1080PsF25, 1080p29.97, 1080PsF29.97, 1080p30, 1080PsF30

SD Format Support

525/23.98 NTSC, 525/29.97 NTSC.625/25 PAL

SDI Video Sampling

4:2:2 and 4:4:4

SDI Audio Sampling

Sample rate of 48 kHz and 24 bit

SDI Color Space

YUV and RGB

SDI Auto Switching

Automatically detects incoming signal format

SMPTE Standards

425 M Level A & B, 424 M, 292 M, 259 M

Physical   **Height**

121.5 mm (4.78 in)

Depth

225 mm (8.85 in)

Width

41 mm (1.61 in)

Weight

710 g (1.56 lbs)

Alternate Form Factor

Also available as a standalone converter

Environmental

Relative Humidity

0% to 90% non-condensing

Operating Temperature

0-40 °C

Power Requirements

Power Supply

Reversible redundant power fed by XVVRF8 (8-Bay Rackmount Frame)

Power Consumption

20W

Voltage Range

12VDC

In the box

Theatrixx Reversible Module SDI Repeater

Certifications

FC CE DESIGNED & MANUFACTURED IN CANADA