



# SDI/HDMI Bidirectional Rack Module

Theatrix



## #XVVRM-SDIXHDMI

The SDI/HDMI Bidirectional 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

Auto switching between:  
3G/HD/SD SDI BNC & HDMI 1.2 type A with lock system

### Video Output

HDMI 1.2 type A with lock system  
2 x 3G/HD/SD SDI BNC

### Input Priority

SDI input



## 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

### 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 Level A, 292 M, 259 M

**In the box**

Theatrix Reversible Module SDI/HDMI Bidirectional

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**Certifications**



DESIGNED & MANUFACTURED  
IN CANADA 