

# Reversible Module

## HDMI to 12G-SDI

XVVRM-HDMI2SDI-12G



● SDI ———— (B) destination point



The HDMI to 12G-SDI 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.

### Specifications

#### Connections

Video Input	1 x HDMI 2.0 type A with locking system
Video Output	2 x 12G/6G/3G/HD/SD SDI BNC

#### Supported Signals

12G Format Support	4096x2160p60, 4096x2160p59.94, 4096x2160p50, 3840x2160p60, 3840x2160p59.94, 3840x2160p50
6G Format Support	4096x2160p30, 4096x2160p25, 4096x2160p24, 3840x2160p30, 3840x2160p25, 3840x2160p24
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

#### Physical Specifications

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 Specifications

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 to HDMI

#### Certifications & Compliance

This device complies with the following international standards



### Ordering Information

XVVRM-HDMI2SDI-12G .....	Theatrixx Reversible Module SDI to HDMI
XVVRF8 .....	Theatrixx 8-Bay Reversible Frame
XVVRM-BLANK .....	Theatrixx Blank Module