

Reversible Module

HDMI to SDI

XVVRM-HDMI2SDI



● SDI ———— (A) starting point



The HDMI to 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 1.2 type A with locking system |
| 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 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 HDMI to SDI

Certifications & Compliance

This device complies with the following international standards



Ordering Information

| | |
|----------------------|---|
| XVVRM-HDMI2SDI | Theatrixx Reversible Module HDMI to SDI |
| XVVRF8 | Theatrixx 8-Bay Reversible Frame |
| XVVRM-BLANK | Theatrixx Blank Module |