

Reversible Module SDI Repeater

XVVRM-SDI2SDI



● SDI ——— (R) repeater



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.

Specifications

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 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 Repeater

Certifications & Compliance

This device complies with the following international standards



Ordering Information

XVVRM-SDI2SDI	Theatrixx Reversible Module SDI Repeater
XVVRF8	Theatrixx 8-Bay Reversible Frame
XVVRM-BLANK	Theatrixx Blank Module