

Reversible Module SDI Repeater

XVVRMSDI2SDI



● 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

XVVRMSDI2SDI Theatrixx Reversible Module SDI Repeater
XVVRF8 Theatrixx 8-Bay Reversible Frame
XVVRMBLANK Theatrixx Blank Module