Reversible Module
Streaming Server
XVVRM-VDO2IP

 theatrixx

● IP ——— (A) starting point

The Streaming Server 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
Switchable 1 x 3G/HD/SD SDI BNC & 1 x HDMI 1.2 type A with locking system

Network Interface
Locking EtherCON 10/100 Mbps Ethernet, Built-in web server for configuration and control, DHCP or static IP client

Local control
Plug and play operation (2 buttons)

Supported Signals

Video Format Support
1920x1080p 60/50/30/25/24 fps, 1920x1080i 60/50 fps, 1280x720p 60/50 fps, 1280x1024p 60 fps, 1280x960p 60 fps, 1024x768p 60 fps, 800x600p 60 fps , 720x480p 60 fps, 720x480i 60 fps, 640x480p 60 fps, 720x576p 50 fps, 720x57i 50 fps

Video Codec Support
H.264 (Baseline/Main/High). Configurable bit rate up to 10 Mbps (User selectable between Variable/Constant/Average Bit Rate). Down-scaling available from 1920×1080 down to 128×128

Streaming Protocols
RTSP over HTTP/TCP/UDP (RTSP elementary stream)
RTMP Publish (For YouTube/Facebook Live …)
TS over TCP/UDP/HTTP (unicast & multicast)

Embedded Audio
AAC-LC Configurable bit rate range from 32 Kbps to 384 Kbps
Sample rate of 48 KHz, 16 bit

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

Environnemental 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 Streaming Server

Certifications & Compliance
This device complies with the following international standards

FC CE HDMI™ H.264

Ordering Information

XVVRM-VDO2IP .... Theatrixx Reversible Module Streaming Server

XVVRF8 ....Theatrixx 8-Bay Reversible Frame

XVVRM-BLANK .... Theatrixx Blank Module