Streaming Server Rack Module

Theatrixx

#XVVRM-VDO2IP

The Streaming Server Rack Module is a unit option for 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.

Connections

Video Input

3G-SDI BNC & HDMI 1.4 type A with lock 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)

Physical

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)

Power Requirements

Power Supply

Reversible redundant power fed by TXVV-RF8 (8-Bay Rackmount Frame)

Power Consumption

20 W

Operational Voltage Range

12 VDC

Environmental

Operating Temperature

0-40° C

Relative Humidity

0-90 % non-condensing

Supported Signals

Format Support

1920x1080p 60/50 fps | 1920x1080p 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)
Downscaling 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 Support

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

In the box

Theatrixx Reversible Module Streaming Server

Useful Links

Firmware Update

Device Finder

Quick Start Streaming Guide

Certifications

DESIGNED & MANUFACTURED IN CANADA