



Streaming Server

xVision Converter Series



#XVVVDO2IP

Professional equipment in mission-critical applications is all about reliability and confidence. So we started with a clean sheet, and built what might soon become your most trustworthy piece of equipment. Introducing the world's first video converters truly designed for the road. Video converters nowadays are used everywhere on professional A/V events, presentations, live shows and tours and often have a critical role. Yet, they are often the weakest link in the signal chain. Low quality connectors, weak enclosure, external consumer-grade power supply, and overall barebones design that all contribute to a generally unreliable piece of equipment. We wanted to change that, so we designed the xVision Video Converters

Connections

Video Input

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

Network Interface

1 x 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, 720x576i 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 1920x1080 down to 128x128

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

Environmental

Relative Humidity

0% to 90% non-condensing

Operating Temperature

0-40° C

Physical

Height

50 mm (1.97 in)

Depth

180 mm (7.08 in)

**Width**

107 mm (4.21 in)

Weight

1 kg (2.2 lbs)

Alternate Form Factor

Also available as a Reversible Module

Power Requirements

Power Supply

Built-in power supply
PowerCON input
Edison Nema 5-15 output (loop-thru)

Power Consumption

15W

Voltage Range

(100-240V, 50-60Hz available with PowerCON True1)

Courtesy Outlet

Max 10A, same voltage as input

In the box

xVision Converter Streaming Server

AC Mains to PowerCON cable (1.5m, specify plug type at ordering)

Useful Links

[Firmware Update](#)



[Device Finder](#)

[Quick Start Streaming Guide](#)

Certifications



DESIGNED & MANUFACTURED
IN CANADA 

