Video Converter
Streaming Server

TXVV-VDO2IP-TRUE1

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 profesionnal 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.
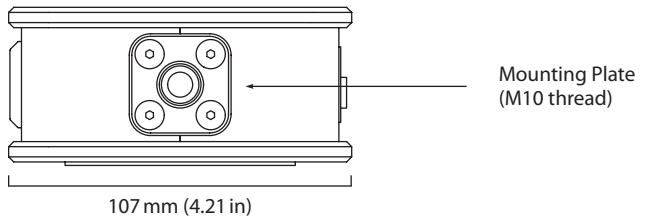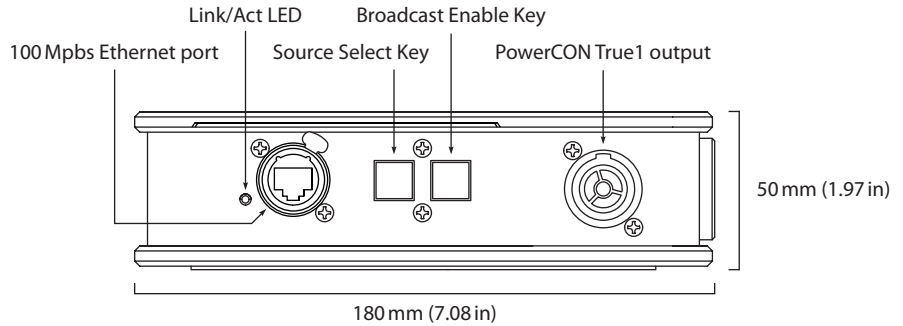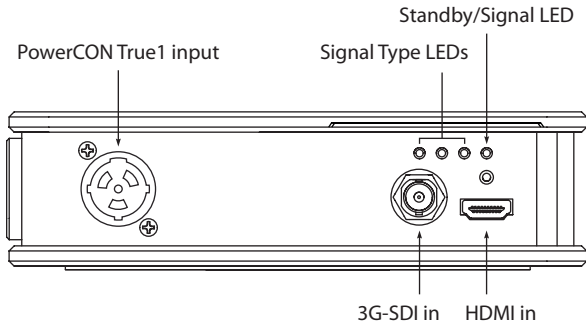
DESIGNED & MANUFACTURED IN CANADA 🍁

Features

- ✓ **Integrated power supply** with locking PowerCON True 1 Connector. Never rely on a cluster of wall-warts again.
- ✓ **Built-in convenience AC** outlet to power nearby projector, TV, laptop, small video projector… Power bar to power both the converter and device not required anymore.
- ✓ **Magnetic stacking system** and non-skid rubber pad for table top application. Saves at least 10 gaffer tape rolls a year.
- ✓ **Multiple mounting options:** C-Clamp, wall-mount adapter, LCD mount adapter and belt adaptor.
- ✓ **Rugged, Tour-ready and aesthetic enclosure:** The sexiest widget in your tool box, that will keep looking good for years to come.
- ✓ Clear and ample status **LED indicators** for quick troubleshooting.
- ✓ HDMI input **tested and compatible with Apple** computers and iPad.

- ✓ **Easy on-the-field identification** with unique color and alphabetic coding system.
- ✓ **Locking HDMI port** prevents accidental disconnection.
- ✓ Effortlessly **stream Full HD 1080p, H.264**-encoded video to YouTube, Facebook Live, or any RSTP or RTMP destination
- ✓ **Wide range of transport protocols** supported
- ✓ **One-button operation** after configuration with broadcast-grade operation keys directly on unit
- ✓ **Built in web server** for configuration and control
- ✓ **Native support** for HDMI and 3G-SDI signals with built-in scaling engine
- ✓ **Professional locking EtherCON** connector for Ethernet connection
- ✓ Proudly designed and assembled **in Canada.**

PowerCON True1 input   Signal Type LEDs   Standby/Signal LED

3G-SDI in   HDMI in

Link/Act LED   Broadcast Enable Key
100 Mpbs Ethernet port   Source Select Key   PowerCON True1 output

50 mm (1.97 in)

180 mm (7.08 in)

Mounting Plate
(M10 thread)

107 mm (4.21 in)

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)

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

Environnemental Specifications

Operating Temperature	0-40° C
Relative Humidity	0-90 % non-condensing

Physical Specifications

Height	50 mm (1.97 in)
Depth	180 mm (7.08 in)
Width	107 mm (4.21 in)
Weight	1 kg (2.2 lbs)

Power Requirements

Power Supply	Built-in power supply PowerCON input Edison Nema 5-15 output
Power Consumption	25 W
Operational Voltage Range	90-250 V 50-60 Hz with PowerCON True1
Courtesy Outlet	Max 10 A, same voltage as input

In the box

- xVision Streaming Server
- AC Mains PowerCon cable
  (1.5m, specify plug type at ordering)

Certification

This device complies with the following international standards	CAN/CSA-C22.2 NO. 60950 UL 60950 FCC Part 15 Class A CE

December 2018

subject to change without notice