xVision Converter
Streaming Server - True1

XVVVDO2IPT1

IP ——————— (A) starting point

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.

Features

› **Integrated power supply** with locking PowerCON 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 tabletop 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.
› **Easy on-the-field identification** with unique color and alphabetic

coding system.
› **Locking HDMI port** prevents accidental disconnection.
› HDMI input **tested and compatible with Apple** devices.
› 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 broad- cast-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.
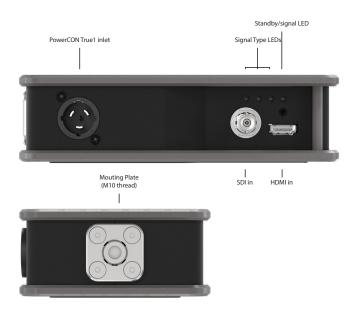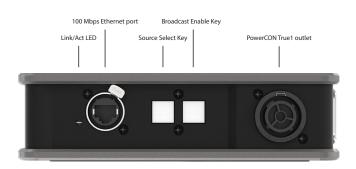› Proudly designed and assembled **in Canada.**

Ordering Information

XVVVDO2IPT1 .... xVision Converter Streaming Server True1

XVVVDO2IP .... xVision Converter Streaming Server

XVV-CC1 .... xVision Converter Carrying case for 1unit

XVV-CC2 .... xVision Converter Carrying case for 2 units

XVV-CC3 .... xVision Converter Carrying case for 3 units

XVV-VM-A .... xVision Converter Vertical Mount

MSCB-CS .... Mega Slim coupler - black with countersunk

Specifications

Overview

PowerCON True1 inlet

Standby/signal LED
Signal Type LEDs

Mouting Plate
(M10 thread)

SDI in   HDMI in

100 Mbps Ethernet port   Broadcast Enable Key
Link/Act LED   Source Select Key   PowerCON True1 outlet

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

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)
Alternate Form Factor	Also available as a Reversible Module

Environmenetal Specifications

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

Power Requirements

Power Supply	Built-in power supply PowerCON True1 input PowerCON True1 output (loop-thru)
Power Consumption	15W
Voltage Range	100-240V, 50-60Hz (100-120V, 50-60Hz available with PowerCON/ Edison Nema 5-15)
Courtesy Outlet	Max 10A, same voltage as input

In the Box

xVision Converter Streaming Server
Locking HDMI male to HDMI male (1m)
AC Mains to PowerCON True1 cable (1.5m, specify plug type at ordering)

Certifications & Compliance

This device complies with the following international standards

FC   c(PS)us CERTIFIED ELECTRICAL SAFETY   CE   HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE   H.264 MPEG-4/AVC