

# xVision Converter

## SDI Audio Embedder - True1



XVVAUDIO2SDIT1

● SDI ———— (E) embedder



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.

### Features

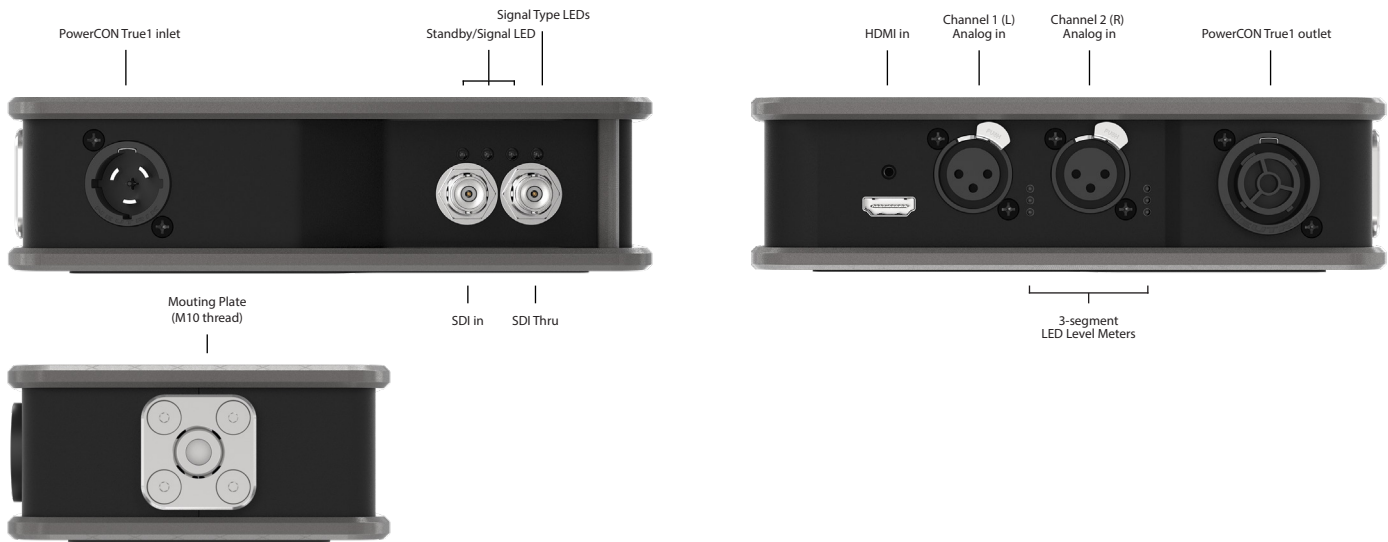
- › **Integrated power supply** with locking PowerCON Connector. Never rely on a cluster of wall-warts again.
- › **Built-in convenience AC** outlet to power nearby projector, TV, laptop, small video projector... Power bar to power both the converter and device not required anymore.
- › **Magnetic stacking 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.
- › **Plug-n-play operation;** No dipswitches, buttons or menus to fumble with: It just works.
- › 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.
- › **Professional balanced -4dB XLR** analog audio inputs each with a 3-segment LED meter.
- › Combines analog audio with incoming **HDMI or SDI** into a reclocked SDI output – **with automatic input detection.**
- › Proudly designed and assembled **in Canada.**

### Ordering Information

- |                      |   |                |  |
|----------------------|---|----------------|--|
| XVVAUDIO2SDIT1 ..... | xVision SDI Audio Embedder True1            | XVV-VM-A ..... | xVision Converter Vertical Mount           |
| XVVAUDIO2SDI .....   | xVision SDI Audio Embedder                  | MSCB-CS .....  | Mega Slim coupler - black with countersunk |
| XVV-CC1 .....        | xVision Converter Carrying case for 1 unit  |                |  |
| XVV-CC2 .....        | xVision Converter Carrying case for 2 units |                |  |
| XVV-CC3 .....        | xVision Converter Carrying case for 3 units |                |  |

# Specifications

## Overview



## Connections

<b>Video Input</b>	Auto switching between 1 x 3G/HD/SD SDI BNC & 1 x HDMI 1.4 type A with locking system
<b>Audio Input</b>	2 x Balanced + 4dB XLR (analog) each with a 3-segment LED meter
<b>Video Output</b>	1 x 3G/HD/SD SDI BNC

## Supported Signals

<b>3G Format Support</b>	1080p50, 1080p59.94, 1080p60.
<b>HD Format Support</b>	720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080PsF23.98, 1080p24, 1080PsF24, 1080p25, 1080PsF25, 1080p29.97, 1080PsF29.97, 1080p30, 1080PsF30
<b>SD Format Support</b>	525/23.98 NTSC, 525/29.97 NTSC.625/25 PAL
<b>SDI Video Sampling</b>	4:2:2 and 4:4:4
<b>SDI Audio Sampling</b>	Sample rate of 48 kHz and 24 bit
<b>SDI Color Space</b>	YUV and RGB
<b>SDI Auto Switching</b>	Automatically detects incoming signal format
<b>Embedding to</b>	SDI Channels 1 & 2
<b>SMPTE Standards</b>	425M Level A & B, 424M Level A, 292M, 259M

## Physical Specifications

<b>Height</b>	50 mm (1.97 in)
<b>Depth</b>	180 mm (7.08 in)
<b>Width</b>	107 mm (4.21 in)
<b>Weight</b>	1 kg (2.2 lbs)
<b>Alternate Form Factor</b>	Also available as a Reversible Module

## Environmental Specifications

<b>Relative Humidity</b>	0% to 90% non-condensing
<b>Operating Temperature</b>	0-40 °C

## Power Requirements

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

## In the Box

xVision Converter SDI Audio Embedder True1  
Locking HDMI male to DVI 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

