Video Converter
SDI/HDMI Bidirectional

TXVV-SDIXHDMI

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.
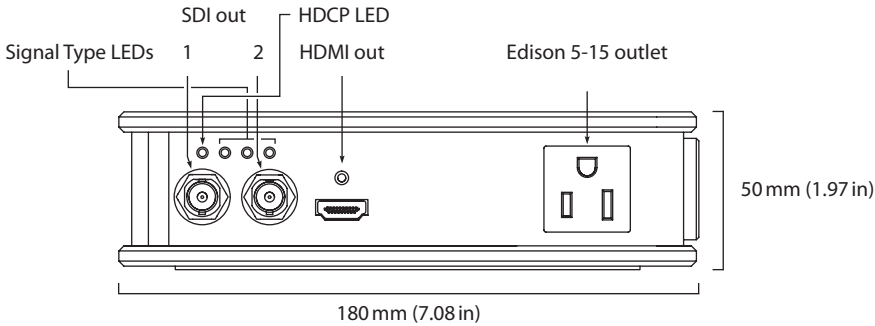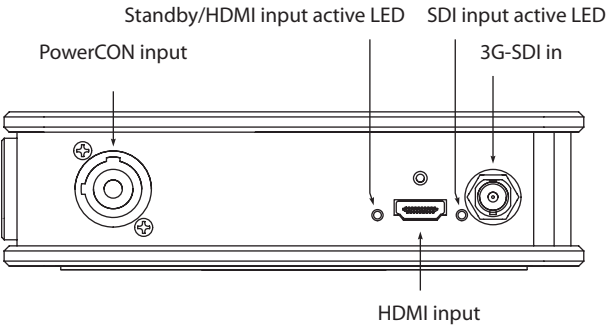
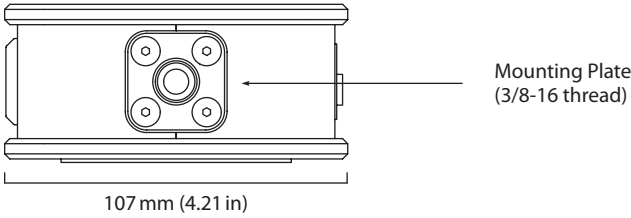**DESIGNED & MANUFACTURED IN CANADA**

PATENT PENDING

Features

- ✓ **Integrated power supply** with locking PowerCON connector. Never rely on a cluster of wall-warts again.
- ✓ **Built-in convenience 120V** 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. 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 ports** prevent accidental disconnection.
- ✓ **Reclocked and amplified** SDI outputs.
- ✓ Proudly designed and assembled **in Canada.**
- ✓ The only converter you'll need: **SDI to HDMI or HDMI to SDI** with **automatic** incoming signal type detection.

Standby/HDMI input active LED · SDI input active LED · SDI out · HDCP LED

PowerCON input · 3G-SDI in · Signal Type LEDs · 1 · 2 · HDMI out · Edison 5-15 outlet

50 mm (1.97 in)

180 mm (7.08 in)

HDMI input

Connections

Video Input		Auto switching between: 3G/HD/SD SDI BNC & HDMI 1.2 type A with lock system
Video Output	-	HDMI 1.2 type A with lock system
	-	2 x 3G/HD/SD SDI BNC
Input Priority		SDI input

Mounting Plate
(3/8-16 thread)

107 mm (4.21 in)

Supported Signals

3G Format Support	1080p50, 1080p59.94, 1080p60.
HD Format Support	720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080PsF23.98, 1080p24, 1080PsF24, 1080p25, 1080PsF25, 1080p29.97, 1080PsF29.97, 1080p30, 1080PsF30
SD Format Support	525/23.98 NTSC, 525/29.97 NTSC.625/25 PAL
SDI Video Sampling	4:2:2 and 4:4:4
SDI Audio Sampling	Sample rate of 48 kHz and 24 bit
SDI Color Space	YUV and RGB
SDI Auto Switching	Automatically detects incoming signal format

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)

Environnemental Specifications

Relative Humidity	0 % to 90 % non-condensing

Power Requirements

Power Supply	Built-in power supply PowerCON input Edison Nema 5-15 output
Power Consumption	25 W
Operational Voltage Range	90-125 V 90-250 V also available (with PowerCON True1)
Courtesy Outlet	Max 10 A, same voltage as input

In the box

- xVision converter SDI to HDMI
- HDMI male with locking system to DVI male (1m)
- Edison to PowerCON (1m)

Certification

CAN/CSA-C22.2 NO. 60950-1-07
UL 60950-1
FCC Part 15 Class A

March 2019

Ordering information

TXVV-HDMI2SDI...................xVision HDMI to SDI converter

TXVV-SDI2HDMI...................xVision SDI to HDMI converter

TXVV-SDIDA...........................xVision SDI Distribution Amplifier (4 outputs)

TXVV-SDI2AUDIO.................xVision SDI Audio DeEmbedder

TXVV-AUDIO2SDI.................xVision Video Converter SDI Audio Embedder

TXVV-SDIXHDMI...................xVision Video Converter SDI/HDMI to HDMI+SDI

XVV-CC1...................................xVision Video Converter Carrying Case for 1 unit

XVV-CC2...................................xVision Video Converter Carrying Case for 2 units

XVV-CC3...................................xVision Video Converter Carrying Case for 3 units

subject to change without notice