xVision Converter
SDI/HDMI Bidirectional

XVVSDIXHDMI

theatrixx

◉ SDI ——— Ⓒ cross signal

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.
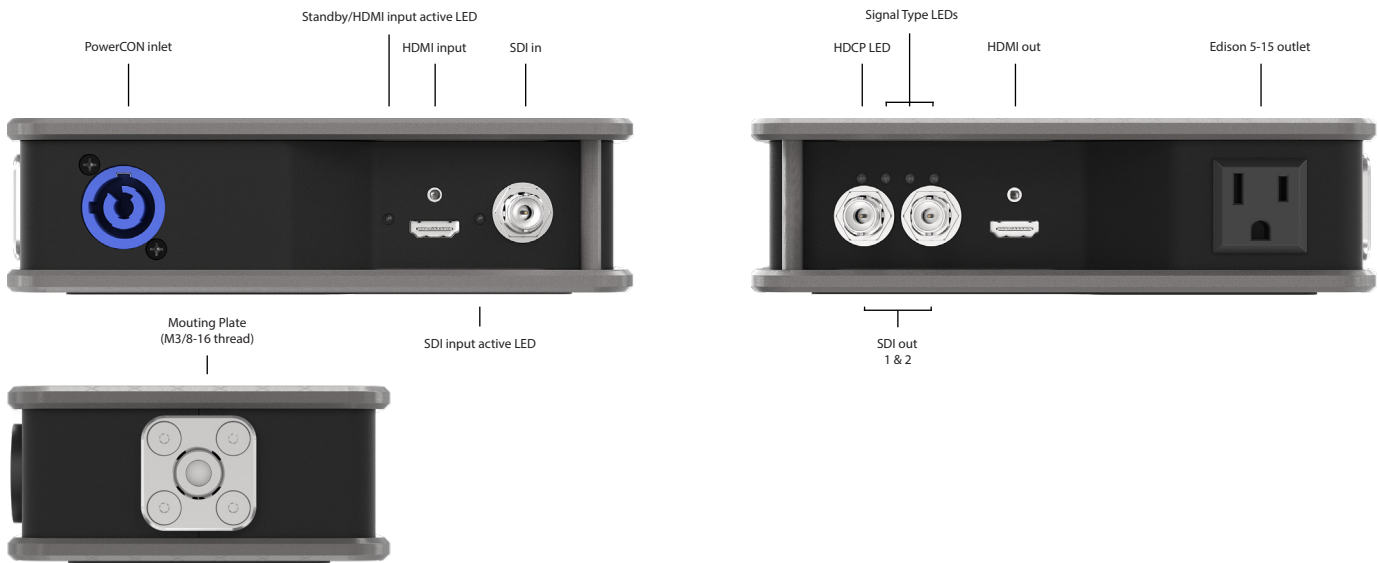
Features

› **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.

› **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** prevent accidental disconnection.
› The only converter you'll need: **SDI to HDMI or HDMI to SDI with automatic** incoming signal type detection.
› **Reclocked and amplified** SDI outputs.
› Proudly designed and assembled **in Canada.**

Ordering Information

XVVVSDIXHDMI .... xVision Video Converter SDI/HDMI to Bidirectional

XVVSDIXHDMIT1 .... xVision Video Converter SDI/HDMI to Bidirectional True1

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

Labels on diagrams:
- PowerCON inlet
- Standby/HDMI input active LED
- HDMI input
- SDI in
- Signal Type LEDs
- HDCP LED
- HDMI out
- Edison 5-15 outlet
- Mouting Plate (M3/8-16 thread)
- SDI input active LED
- SDI out 1 & 2

Connections

Video Input
Auto switching between 1 x 3G/HD/SD SDI BNC & 1 x HDMI 1.2 type A with locking system

Video Output
1 x HDMI 1.2 type A with locking system
2 x 3G/HD/SD SDI BNC

Input Priority
SDI input

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.

SMPTE Standards
425M Level A & B, 424M Level A, 292M, 259M

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

Environmental Specifications

Relative Humidity
0% to 90% non-condensing

Operating Temperature
0-40 °C

Power Requirements

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

Power Consumption
15W

Voltage Range
100-120V, 50-60Hz
(100-240V, 50-60Hz available with PowerCON True1)

Courtesy Outlet
Max 10A, same voltage as input

In the Box

xVision Converter SDI/HDMI Bidirectional
AC Mains to PowerCON cable (1.5m, specify plug type at ordering)

Certifications & Compliance

This device complies with the following international standards

FC c(PS)us HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE