xVision Converter
12G-SDI to HDMI

XVVSDI2HDMI-12G

●● SDI ──────── **B** destination 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: T**he 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.
› **Reclocked and amplified** SDI loop thru.
› Proudly designed and assembled **in Canada.**

Ordering Information

XVVSDI2HDMI-12G .... xVision Converter 12G-SDI to HDMI

XVVSDI2HDMIT1-12G .... xVision Converter 12G-SDI to HDMI 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

PowerCON inlet

Standby/Signal LED
Signal Type LEDs   12G-SDI in

12G-SDI out 1 & 2   HDMI out   Edison 5-15 outlet

Mouting Plate
(M3/8-16 thread)

Connections

Video Input   1 x 12G/6G/3G/HD/SD SDI BNC

Video Output   1 x HDMI 2.0 type A with locking system
                          2 x 12G/6G/3G/HD/SD SDI BNC

Supported Signals

12G Format Support   4096x2160p60, 4096x2160p59.94,
                          4096x2160p50, 3840x2160p60,
                          3840x2160p59.94, 3840x2160p50

6G Format Support   4096x2160p60, 4096x2160p59.94,
                          4096x2160p50, 3840x2160p60,
                          3840x2160p59.94, 3840x2160p50

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 12G-SDI to HDMI
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™   4K ULTRAHD

HIGH-DEFINITION MULTIMEDIA INTERFACE