



xVision Converter Series



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.

Connections

Video Input

Auto switching between 1 x 3G/HD/SD SDI
BNC & 1 x HDMI 1.4 type A with locking
system

Audio Input

2 x Balanced + 4dB XLR (analog) each with a 3-segment LED meter

Video Output

1 x 3G/HD/SD SDI BNC



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

Embedding to

SDI Channels 1 & 2

SMPTE Standards

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



Physical	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	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)



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Courtesy Outlet

Max 10A, same voltage as input

In the box

xVision Converter SDI Audio Embedder

AC Mains to PowerCON cable (1.5m, specify plug type at ordering)

Certifications



DESIGNED & MANUFACTURED
IN CANADA 

