

xVision Converter

12G-SDI Distribution Amplifier 1:4

XVVSIDIDA4 -12G



● SDI ———— (D) distribution amplifier



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

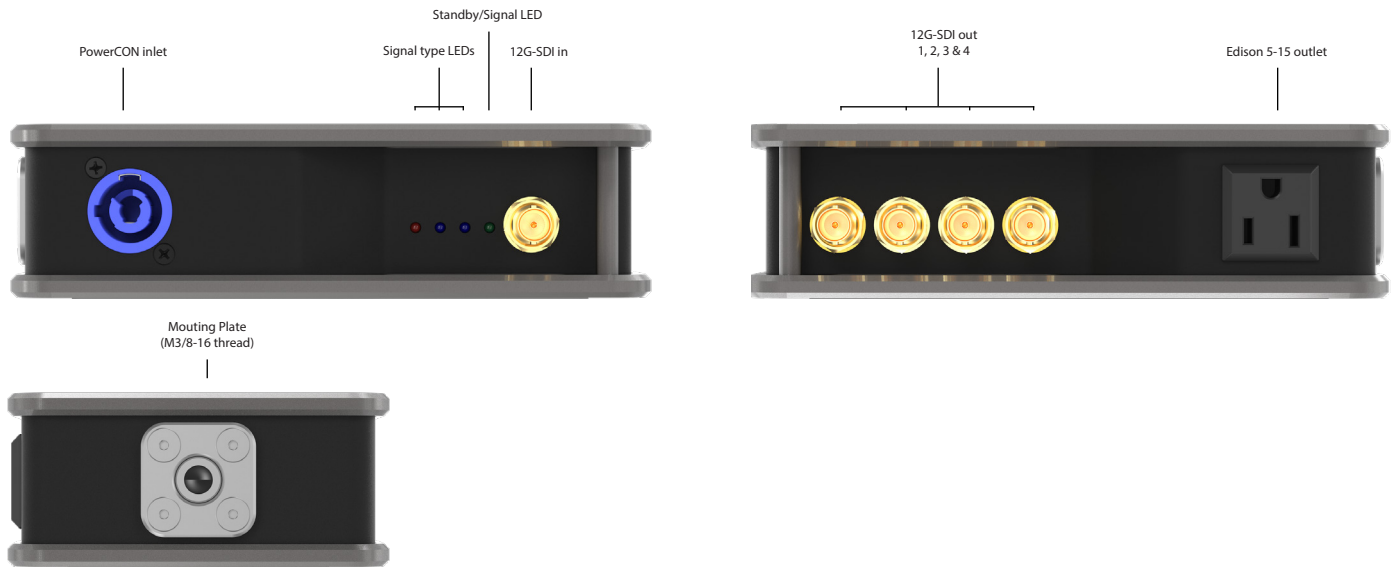
- › **Integrated power supply** with locking PowerCON Connector. Never rely on a cluster of wall-warts again.
- › **Built-in convenience AC** outlet to power nearby projector, TV, laptop, small video projector... Power bar to power both the converter and device not required anymore.
- › **Magnetic stacking 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.
- › All outputs **fully relocked and amplified.**
- › Proudly designed and assembled **in Canada.**

Ordering Information

- | | | | |
|-----------------------|--|----------------|--|
| XVVSIDIDA4-12G | xVision Converter 12G-SDI Distribution Amplifier 1:4 | XVV-VM-A | xVision Converter Vertical Mount |
| XVVSIDIDAT1-12G | xVision Converter 12G-SDI Distribution Amplifier 1:4 True1 | 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

Video Input	1 x 12G/6G/3G/HD/SD SDI BNC
Video Output	4 x 12G/6G/3G/HD/SD SDI BNC (reclocked and amplified)

Supported Signals

12G Format Support	4096x2160p60, 4096x2160p59.94, 4096x2160p50, 3840x2160p60, 3840x2160p59.94, 3840x2160p50
6G Format Support	4096x2160p30, 4096x2160p29.97, 4096x2160p25, 4096x2160p23.98, 3840x2160p30, 3840x2160p29.97, 3840x2160p25, 3840x2160p23.98
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	2082-1, 2082-10, 425 M Level A & B, 424 M, 292 M, 259 M

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 Distribution Amplifier 1:4
AC Mains to PowerCON cable (1.5m, specify plug type at ordering)

Certifications & Compliance

This device complies with the following international standards

