

xVision Converter

12G-SDI Distribution Amplifier 1:8

XVVSDIDA8



● 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 table top 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** prevents accidental disconnection.
- › **Relocked and amplified SDI loop thru**
- › Proudly designed and assembled **in Canada.**

Ordering Information

- XVVSDIDA8..... xVision Converter 12G-SDI Distribution Amplifier 1:8
- XVV-CC1-B..... xVision Carrying case for 1 unit
- XVV-CC2-B..... xVision Carrying case for 2 units
- XVV-VM-B..... xVision Converter Vertical Mount B
- MSCB-CS..... Mega Slim coupler - black with countersunk

Specifications

Overview



Connections

| | |
|--------------|--|
| Video Input | 1 x 12G/6G/3G/HD/SD SDI BNC |
| Video Output | 8 x 12G/6G/3G/HD/SD SDI BNC (relocked and amplified) |

Supported Signals

| | |
|--------------------|---|
| 12G Format Support | 4096x2160p @ 60/50 fps 3840x2160p @ 60/50 fps |
| 6G Format Support | 4096x2160p @ 30/25/24 fps 3840x2160p @ 30/25/24 fps |
| 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. |
| Embedded Audio | Up to 16 channels, 24 bit, 48kHz |
| SMPTE Standards | ST2082-1S, ST2082-10, ST425M Level A and B, ST424M, ST292M, ST259M |

Physical Specifications

| | |
|--------|------------------|
| Height | 62 mm (2.44 in) |
| Depth | 180 mm (7.08 in) |
| Width | 221 mm (8.7 in) |
| Weight | 2 kg (4.4 lbs) |

Environmental Specifications

| | |
|-----------------------|--------------------------|
| Operating Humidity | 0% to 90% non-condensing |
| Operating Temperature | 0-40 °C |

Power requirements

| | |
|-------------------|--|
| Power Supply | Built-in power supply PowerCON True1 input PowerCON True1 output (loop-thru) |
| Power Consumption | 45W max. |
| Voltage Range | 100-240V, 50-60Hz |
| Courtesy Outlet | Max 10A, same voltage as input |

In the Box

xVision Converter 12G-SDI Distribution Amplifier 1:8
AC Mains to PowerCON True1 cable (1.5m, specify plug type at ordering)

Certifications & Compliance

This device complies with the following international standards

