

## Multiple Video Cross-Converter to SDI/HDMI with Audio Embedder

Convert DV-D, VGA, Component, S-video or Composite to 3G/HD/SD-SDI & HDMI

MPN: SDI-MULTI2SDIPRO



4K  
ULTRA HD

The **KanexPro multi-cast cross converter** provides multiple input conversions from HDMI, DVI-I, VGA, Component, to 3G/HD/SD-SDI & HDMI. It packs a powerful up and down video scaler supporting a bank of resolutions up to 1080p/60/59.94Hz and 1080p/29.97Hz.

### Built-in Anti - aliasing & 3D De-interlace

For sharp reproduction of image quality and video enhancements, this multi-caster also provides anti-aliasing to create greater realism to a digital image by smoothing jagged edges on curved lines and diagonals. 3D interlacing helps converting to progressive scan image when used with broadcast based SDI systems filling in the missing lines to full 60 frames per second.

### Applications:

Ideal for medical imaging and other broadcast applications involving simultaneous output to high-resolution SDI and HDMI monitors with cross-conversion from analog video devices such as VGA, Component, S-Video and composite.

## FEATURES

- Convert Digital / Analog video to SDI & HDMI
- Powerful up/ down converter scaler
- Built-in anti - aliasing & 3D De-interlace
- Built-in test pattern generator
- Added DIP switch settings for various video resolutions
- Allows region of interest (ROI) - for annotation & quantitative information
- Simultaneous output to 2 x SDI & 1x HDMI
- Audio embedder supports output up to 8Ch/24Bit@48KHz
- Mini -USB port for firmware update
- Locking power supply & mounting ears
- Compact & ruggedized design makes perfect mobile broadcasting hardware

**\*Note:** RG59 cable is required for SDI transmission; we recommend a 75-ohm high quality coaxial cable.

## SPECIFICATIONS

### Video Input:

- Input: 1 x DVI (HDMI can be used with DVI-to-HDMI adapter)
- Input: 3 x SDI BNC for Component, S-video & C-video
- 3.5mm for analog stereo audio

### Video Output:

- Output: 2 X SDI BNC
- Output: 1 X HDMI
- Output Video Signal: SD/HD/3G SDI/ or thru Digital HDMI

### Supported Resolutions (HDTV)

- 1080p, 1920 x 1080i@50, 59.94, 60Hz
- 720p; 1280 x 720@50, 60Hz
- 1280 x 720, 480i (NTSC mode) 576i Standard PAL mode

### Environmental:

- Operating Temperature: 0°C to +70°C
- Operating Humidity: 10% to 85 % RH (no condensation)

- Storage Temperature: -10°C to +80°C
- Storage Humidity: 5% to 90 % RH (no condensation)
- Regulatory Approvals Converter: FCC, CE, UL
- Regulatory Approvals Power Supply: FCC, CE, UL

### Mechanical:

- Size: (LWH): 3.14"x1.61"x0.98"
- Weight (net): 0.33 lbs (150g)

### Power Requirements:

- External power supply: 7.5V -15V

### Warranty: 3-Year parts and labor

### Package Contents:

- Multicaster Converter
- DC power supply
- Operation manual