

Extensor SDI4Mosaic

Advanced Mosaic Generator



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Key Features

- The simplest way to connect up to 4 SDI feeds on a single mosaic display
- Converts a 4K HD-SDI video source to a standard HDMI screen
- Allows the comparison of two video channels and displays them in various layouts (split screen)
- OSD Status gives all status information (ie: video signal detected, resolution and so on...) directly super-imposed on the video output signal
- Power supply provided with a lockable connector and country adapters
- Easy to configure with a mini-switch on the side of the converter

Video Inputs / Outputs

Inputs

- 4 x SD/HD-SDI up to 3G

Outputs

- 2 x SD/HD-SDI up to 3G (1080p) - downscaler available (1080p → 720p)
- 1 x HDMI (V1.4) up to 4Kp30



Frame rates supported

- 4Kp at 24 / 25 / 29.97 / 30
- 1080p at 23.97 / 24 / 25 / 29.97 / 30 / 50 / 59.94 / 60 frames per second
- 1080i at 25 / 29.97 / 30 frames per second
- 720p at 50 / 59.94 / 60 frames per second
- PAL, NTSC



Features

Mosaic mode

- 4 x HD-SDI (SD up to 1080p60) with different resolution / frame rate
- Video inputs information on OSD

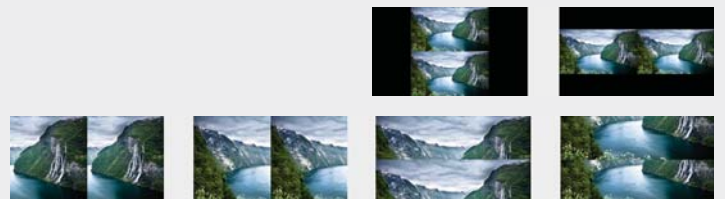


4K mode

- 4 x HD-SDI → 1 x 4K output through HDMI (Mosaic)
- 1 x 4K input → 1 x 4K output through HDMI (Conversion)
- 1 x 4K input → 1 x HD (1080p) output through HDMI & HD-SDI (Downscaling)

Comparison mode

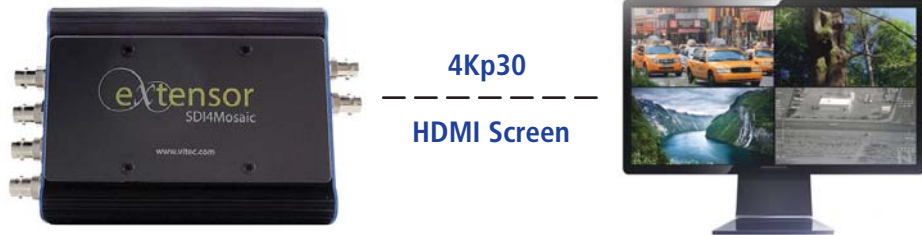
- The first 2 x HD-SDI (SD up to 1080p60)
- Vertical/Horizontal comparison
- Comparison of the full image (with a downscaler)
- Comparison of a part of the image (keeping the original size)





SDI4Mosaic Modes

- 4 x HD-SDI (SD up to 1080p60) → 1 x 4K output through HDMI (Mosaic)



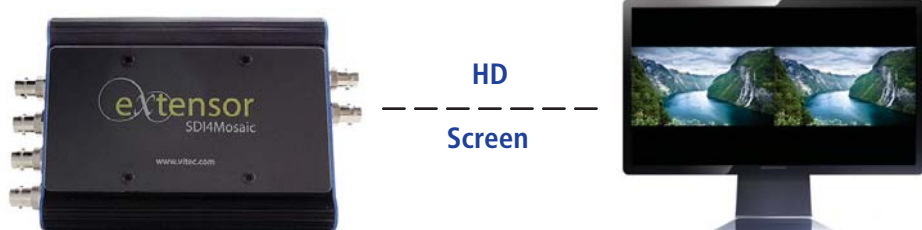
- 1 x 4K input → 1 x 4K output through HDMI (Conversion)



- 1 x 4K input → 1 x HD (1080p) output through HDMI & HD-SDI (Downscaling)



- 2 x HD-SDI (SD up to 1080p60) → 1 x HD (1080p) output through HDMI & HD-SDI (split screen)





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