



Convert 3G-SDI to HDMI 1.3 Scaled with S/PDIF Digital Audio



EXT-3GSDI-2-HDMI1.3S

Convert and Scale 3G-SDI to HDMI 1.3 with
Multichannel Embedded Audio, Hi-Res
1080p@60 MHz video and S/PDIF Audio.

The 3GSDI to HDMI 1.3 Scaler takes a 3G-SDI Single or Dual link HD-SDI input signal and allows mode conversion to HDMI. Resolutions of up to 1080p@60 MHz are supported. The onboard scaler allows features such as: Genlock, color & gamma correction, noise reduction, detail enhancement, aspect ratio selection, pattern generator mode, & multiple language menu support. Two BNC output jacks allow pass-through monitoring of the 3G-SDI input sources during conversion to HDMI.

How It Works

3G-SDI devices are connected to the input side and HDMI devices are connected to the output side. When the 3G-SDI source, HD display and the 3GSDI to HDMI 1.3 Scaler are powered and connected, A/V signals are converted to the proper format. A coaxial digital output jack (S/PDIF) is supplied for monitoring audio through an external amp or receiver.

Features:

- Max. image output resolutions of 2K (2048 x 1048@24 Hz) and 1920x1200 @ 60 Hz
- Proprietary 10-bit motion adaptive video de-interlacing with edge interpolation
- User-friendly onscreen menu system (OSD) operated by IR remote control
- Max. active image 2048 samples x 2048 lines PBP processing
- 10-bit color depth for greater precision and dynamic range
- Discrete IR remote control included
- Pattern mode w/color bars & coarse hatch patterns
- Film cadence detection with Mosquito and 3D Noise Reduction
- Adaptive detail enhancement and Block Artifact reduction
- Brightness, Gamma, and 8-axis Selective color adjustments
- Genlock, frame lock, and frequency-optimized frame-lock timing modes
- Aspect Ratio Select and custom timing output mode
- Latency: 1 frame (when in Genlock mode)
- Advanced noise reduction and detail enhancement
- 50/60Hz 3:2 and 2:2 pull-down
- French/English menu set
- 2D scaling engine

Specifications:

- Maximum Output Resolution: 1080p@60 Hz or 1920x1200@60Hz
- Input A/V Bandwidth: Up to 2 x 1.485 Gbps (Dual Link HD-SDI)
- Output A/V Bandwidth: 225 MHz (Single Link HDMI 1.3)
- A/V Input Connector: (2) BNC female 3G-SDI
- A/V Output Connector: (2) BNC female 3G-SDI
- A/V Output Connector: (1) Type A 19 pin female HDMI
- Audio Output Connector: (1) Coaxial digital S/PDIF
- SDI Compliant (SMPTE 259M, up to 360 Mb/s)
- HD-SDI Compliant (SMPTE 279M, up to 1.485 Gbps)
- 3G-SDI Compliant (SMPTE 494M/495M, up to 3.0 Gbps)
- 3G-SDI SMPTE 425-A and 425-B Compliant (formats 1080p @ 50/59.94/60 Hz)
- Power Supply: 5V DC locking type, 20 W each
- Dimensions: 8.2" W x 1.7" H x 7.5" H
- Rack Size: 1U (half-width)
- Shipping Weight: 4 lbs

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Note: Product specifications are subject to change without notice