BrightEye 83-H



HDMI to 3G/HD/SD SDI Converter with HDCP

Convert HDMI to 3G/HD/SD SDI with the BrightEve 83-H. The output format follows the input, faithfully preserving the input's resolution and frame rate. Perfect for GoPro, Replay and other video cameras and sources with an HDMI output, BrightEye 83-H presents the serial digital video signal on two BNC outputs.

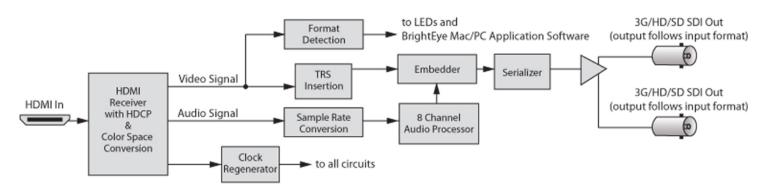
Signal monitoring and control is provided through the included BrightEye Mac and BrightEye PC software.

Features

- Guaranteed to work perfectly with your GoPro camera
- HDMI to SDI (3G/HD/SD formats supported)
- Use with Cameras and Other Sources that have an **HDMI Output**
- Passes Embedded Audio
- Supports HDCP Encrypted Content







Input

Number One, supports HDCP encrypted content Type HDMI 1.3 Format Supports HDMI signals which map to the video standards listed below

SDI Standards Supported

1080i (SMPTE 274M -4,5,6) 50, 59.94 or 60 Hz 720p (SMPTE 296M -1,2,3) 50, 59.94 or 60 Hz 1080p (SMPTE 274M -9,10,11) 23.98, 24, 25 Hz 1080sF (RP211 -14,15,16) 23.98, 24, 25 Hz 1080p (SMPTE 424M, 425M), 50, 59.94, 60, Level A 525i, 625i (SMPTE 259M)

Serial Digital Output

Number Two, BNC Signal Type Follows input Impedance 75 Ω Return Loss >15 dB to 1.485 GHz

>10 dB to 2.97 GHz None (AC coupled)

General Specifications

Output DC

Size 5.63"W x 0.8"H x 5.98"D (143 mm x 21 mm x 152 mm)

including connectors and flange

Power 12 volts, 5 watts (100-230 VAC modular power supply)

and built in California

Temperature Range 0 to 40° C ambient (all specs met)

Relative Humidity 0 to 95° non-condensing Altitude 0 to 10,000 ft.

