BrightEye 83-H

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

Convert HDMI to 3G/HD/SD SDI with the BrightEye 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.

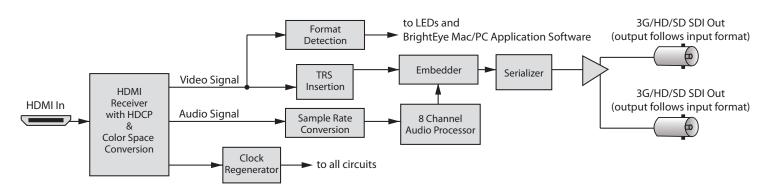
Signal monitoring and control is provided through the included BrightEye Mac and BrightEye PC software.

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 **HDMI 1.3** Type **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

Output DC None (AC coupled)

General Specifications

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

including connectors and flange

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

Temperature Range 0 to 40° C ambient (all specs met) **Relative Humidity** 0 to 95° non-condensing

0 to 10,000 ft. Altitude and built in Californs





