

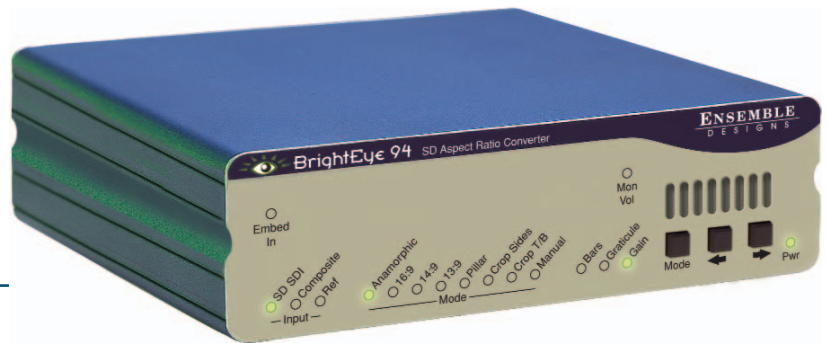
BrightEye 94

SD Aspect Ratio Converter

BrightEye 94 is a standard definition aspect ratio converter. You can easily convert signals from 4:3 to SD 16:9, and vice versa.

An external reference input allows genlock to a house reference. All vertical interval data and closed captioning is faithfully passed.

Input selection, gain control, and test pattern controls are provided through the front panel interface. Audio presence LEDs indicate which channels are detected. Controls for crop, letterbox and pillarbox are accessed from the front panel or BrightEye Mac or PC software.



- ▶ SD ARC
- ▶ Timeable output
- ▶ HDMI output

► Specifications

Serial Digital Input

Number	One
Signal Type	270Mb/s SD Serial Digital (SMPTE 259M)
Impedance	75 Ω
Return Loss	>15dB
Max Cable Length	300 meters for 270 Mb/s

Analog Video Output

Number	One
Type	Composite PAL or NTSC
Return Loss	>40 dB
Output	DC <100 mV

Reference Input

Number	One
Type	1 V p-p Composite Video PAL or NTSC or Tri-Level Sync
Impedance	75 Ω
Return Loss	>40 dB

Serial Digital Output

Number	Two
Type	SD Serial Digital 270Mb/s SMPTE 259M-C
Impedance	75 Ω
Return Loss	>15 dB
Max Cable Length	100 Meters for HD (Belden 1694A or equiv.)

Monitor Output

Number	One
Connectorization	HDMI

Audio Monitoring Output

Number	One
(Select from eight channels)	
Connectorization	3.5mm mono mini jack

General Specifications

Size	5.625" W x 1.7" H x 5.5" D (143 mm x 40 mm x 140 mm) including connectors
Power	12 volts, 7 watts (100-230 VAC modular power supply)
Temperature Range	0 to 40° C ambient
Relative Humidity	0 to 95° non-condensing