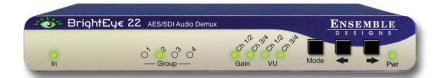# BrightEye 22
SD SDI/AES Disembedder

BrightEye 22 is a disembedder, or demultiplexer, for use in desktop and broadcast applications. Audio signals present in the incoming standard definition serial digital video signal are extracted and delivered as two AES digital audio streams.
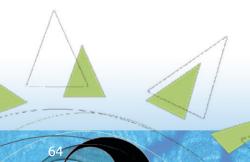
Audio mixing, level adjustments, and channel shuffling are accessed through BrightEye Mac or PC software. Audio group selection is also made through BrightEye Mac or PC software.

Features

• **Use with servers and satellite receivers**

• **Audio disembedder**

• **Embedded SDI input**

• **SD SDI and AES outputs**

ENSEMBLE
D E S I G N S

Video Input

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

Video Output

Number	One
Signal Type	270 Mb/s SD Serial Digital
	SMPTE 259M
Delay	< 1 μSec to SDI path
Impedance	75 Ω
Return Loss	>15 dB
Output DC	None (AC coupled)

AES/EBU Digital Outputs

Number	Two (total of four channels)
Type	AES3id
Delay	< 250 μSec to audio I/O
Connector	Coaxial, 75 Ω
Bit Depth	24 Bit
Sample Rate	48 KHz, Synchronous to Video output
Reference Level	-18 or -20 dBFS (selectable)

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
Weight	15 oz
Power	12 volts, 3 watts
	(100-230 VAC modular power supply)
Temperature Range	0 to 40° C ambient (all specs met)
Relative Humidity	0 to 95%, non-condensing
Altitude	0 to 10,000 ft.