

# EVERYTHING IN 3D

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[WWW.INITION.CO.UK/STEREOBRAIN](http://WWW.INITION.CO.UK/STEREOBRAIN)

## 3D PROCESSOR



DEVELOPED BY  
INITION LTD AND NUMEDIA

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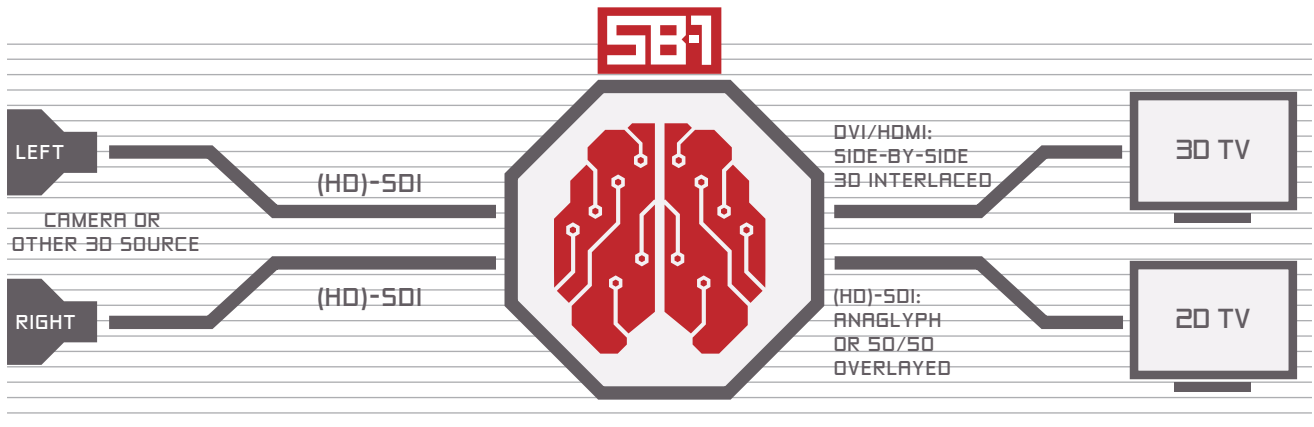
The StereoBrain Processor from Inition and NuMedia Technology provides a range of broadcast quality, video processing units capable of handling many of the essential functions required when shooting stereoscopic 3D.

The range includes (SB-1, SB-2, SB-3) with various degrees of functionality. All models take two HD-SDI inputs from a stereoscopic camera pair or other 3D video source.



# STEREOBRAIN PROCESSOR (SB-1)

This model is designed for monitoring of live stereoscopic camera systems, or output from a post production workstation, on one of the latest breed of 3D TVs. It is also capable of showing a mixed left/right feed or anaglyph on a standard 2D HD monitor which is an alternative for camera alignment during shooting.



## FUNCTIONALITY

- Interlacing for interlaced-feed 3D monitors and TVs. The SB-1 will interlace sources such that each scan-line down the picture alternates left eye, right eye, left eye.
- One image may be flipped for when shooting with a mirror/beam-splitter rig.
- Configuration panel accessed via web interface and network socket.
- Use standard 2D monitors for monitoring 3D camera sources using either anaglyph or 50/50 overlaid images
- SB-2 and SB-3 models capable of advanced manipulation including vertical alignment, convergence and de-keystoning.

## SPECIFICATION

- Inputs: 2 x (HD)-SDI
- Output modes:

### DVI/HDMI

1. Vertical interlaced. Compatible with Hyundai and other micropolariser 3D displays. 2. Anaglyph. 3. Frame sequential / page-flipping. 4. Squashed aspect side-by-side. 5. Squashed aspect above/below.

### (HD)-SDI-Single channel

1. 50/50 overlaid. 2. Anaglyph 3. Side-by-side. 4. Above-below.

*nb. The DVI and (HD)-SDI outputs can be used simultaneously with each set to different formats if required.*