

Hi5-3D

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# Hi5-3D

## Dual HD-SDI to 3D Multiplexer

View Brochure

(https://www.aja.com/media/pdfs/brochures/Converter\_Brochure\_WEB\_EN.pdf)

AJA Mini-Config (https://www.aja.com/products/mini-converters/mini-config-software)

Mini-Matrix App (https://itunes.apple.com/gb/app/mini-matrix/id630156342?mt=8)



The Hi5-3D is a video multiplexer that combines and synchronizes two HD-SDI inputs into various multiplexed 3D formats for output via HDMI and HD-SDI.

**\$495** US MSRP\*

*\* Pricing is for US only. International pricing will vary.*



## 3D Modes Supported

The Hi5-3D supports, depending on the video format, "side-by-side", "top-bottom", and "frame-packing" 3D modes. The "side-by-side" and "top-bottom" modes involve compressing, either horizontally or vertically, each input for combining into a single video stream at the same rate of the inputs. The "frame-packing" mode stacks two full resolution inputs into a "tall" frame (at twice the clock and line rates). When selected, "frame-packing" can only be used with 23.98 or 24 input frame rates.

Each input, in addition to 3D processing, can be flipped either horizontally, vertically, or both. This control is provided by 4 switches that can be engaged in any combination.

## User Control

The Hi5-3D supports both DIPswitch control and host control via the Mini-Config application. One of the DIP switches is a "Local/Remote" switch. When in the "Local" mode, the remaining DIP switches support a subset of the user controls. When in the "Remote" mode, AJA's Mini-Config application controls the unit. The last configuration is held in memory on the Hi5-3D for use when disconnected.

## Format Support

The Hi5-3D works with both 2D and 3D inputs. When in the 2D mode, the input is simply passed to the output unmodified. In the 3D mode, the Hi5-3D supports the minimum required 3D modes as defined by the CEA for HDMI 1.4a televisions.

CEA Required 3D modes:

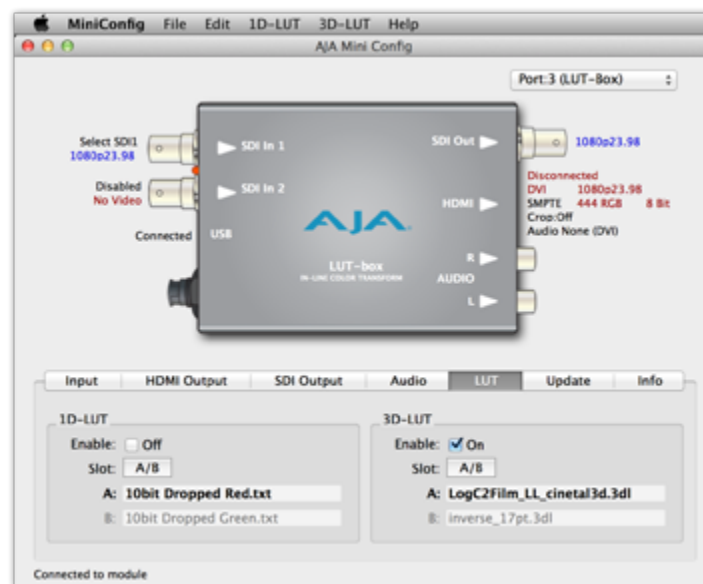
2x SDI	1.5 Gb	720p 50, 59.94, 60	T/B
2x SDI	1.5 Gb	1080p 23.98, 24, 25	T/B, FP
2x SDI	1.5 Gb	1080PsF 23.98, 24	T/B, FP
2x SDI	1.5 Gb	1080i 50, 59.94, 60	S/S

Notes:

*"PsF" inputs are converted to "p" for HDMI output. The SDI output can support S/S and T/B formats only. Future software versions may add other formats.*

## Features

- HD-SDI to HDMI 1.4a with additional SDI output
- 10-bit HDMI v1.4a support including 3D and embedded audio
- Additional 2-Channel RCA audio output
- Setup via DIP switch or PC/Mac using USB port and supplied USB cable (Mini-Config software application supplied on CD)
- Uses 5-20V power supply (included with purchase) (<http://www.aja.com/en/products/mini-converters/dwpru1>)
- Five year warranty



# USB and Mini-Config Support

AJA's free Mini-Config software can be used with any USB-enabled AJA Mini-Converter and provides an easy-to-use graphical interface with detailed information about the current input and output formats. Control all the parameters of any supported AJA Mini-Converter as well as loading firmware updates from AJA that add new features and functionality.

[Download Mini-Config \(/en/products/mini-converters/mini-config-software\)](/en/products/mini-converters/mini-config-software)



## Universal Power Supply

All AJA Mini-Converters ship with a universal power supply that includes international plug connections for use around the world.



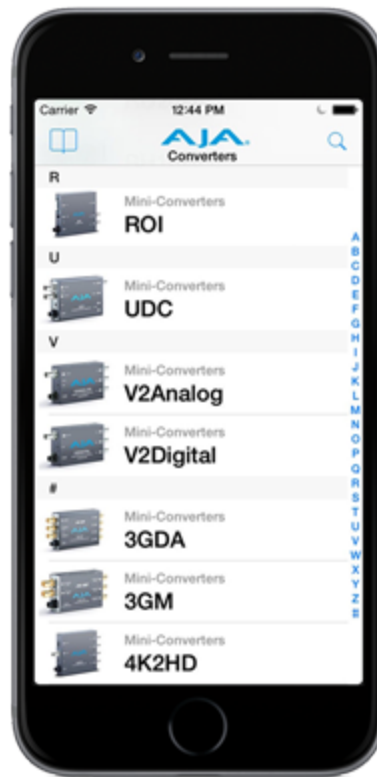
# Compact and Portable

AJA Mini-Converters are small enough to fit behind a monitor, in the back of a rack or directly on a camera rig. A locking power connector can't accidentally pull loose and an optional P-TAP power cable allows for battery power in remote locations.



## AJA Quality - Guaranteed

All AJA Mini-Converters are covered by a five year warranty and AJA's advanced replacement policy. If a replacement is necessary, AJA will ship a new unit immediately without the need to send the original unit back first, ensuring you are up and running again as quickly as possible.



## AJA Mini-Matrix

Information on the complete line of AJA Mini-Converters is now available as a mobile app on iOS. The Mini-Converter product line is extensive and this app helps you find the right converter for any situation, wherever you are.

Individual products have links back to the main AJA website for more details and you can email product information directly from the app. The free AJA Mini-Matrix app for iPad® and iPhone® is available now in the Apple iTunes® Store.

Download from the App Store (<https://itunes.apple.com/gb/app/mini-matrix/id630156342?mt=8>)

### Products

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### Contact us

AJA Video Systems, Inc.

180 Litton Drive

Grass Valley, CA 95945

Phone:

+1-530-274-2048

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