

## AJA HA5-4K 4K HDMI to 4K SDI Mini-Converter

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Rentex Product No. XVP2060



Mfr Part No. HA5-4K

The HA5-4K 4K HDMI to 4K SDI Mini-Converter from AJA provides high quality conversion of 4K HDMI to 4K SDI via a quad-link 3G-SDI output at frame rates up to 50/60 fps. It also supports SD, HD, and 2K HDMI to SDI conversion as well. The HA5-4K automatically senses incoming HD/2K resolution HDMI signals and convert them to a single 3G-SDI output. Up to eight channels of HDMI embedded audio can be passed through to the SDI output, ensuring your audio is always in sync with the SDI signal. The HA5-Plus features a compact, portable, and rugged design and comes with a universal power supply with international plugs for use around the world.

### Features

- 4K HDMI 1.4 Input
- 4x 3G-SDI Outputs
- Supports 4K and UHD Signals up to 60 fps
- HD/SD Resolutions Supported
- Automatic Input Signal Detection
- Embedded Audio Support

### Detailed Specifications

#### Video Input:

<b>Connector</b>	HDMI standard type A
<b>HDMI Support</b>	HDMI v1.4b, RGB or YCbCr HDMI v2.0, YCbCr, 4:2:0 only 3840 x 2160p @ 50, 59.94, 60 4096 x 2160p @ 50, 59.94, 60 24 bits per pixel
<b>4K Support</b>	4096 x 2160p @ 23.98, 24, 25, 29.97, 30 4096 x 2160p @ 50, 59.94, 60 (4:2:0 only) 3840 x 2160p @ 23.98, 24, 25, 29.97, 30 3840 x 2160p @ 50, 59.94, 60 (4:2:0 only)
<b>HD</b>	2048 x 1080p @ 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 1920 x 1080p @ 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 1920 x 1080i @ 25, 29.97, 30 1280 x 720p @ 50, 59.94, 60
<b>SD</b>	625i @ 25 576p @ 25 525i @ 29.97 480p @ 29.97

#### HD/SDI Video Outputs:

<b>Format</b>	3G-SDI (auto-selected)
<b>Connectors</b>	4 x BNC

#### General:

<b>Power Supply</b>	Uses DWP-U-R1 Power Supply (included) 100 to 240 VAC, 50/60 Hz universal input +5 to 20 VDC regulated, 10 W capacity
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<b>Dimensions (WxDxH)</b>	5.8 x 3.9 x 0.8" (14.7 x 9.9 x 2.0 cm)
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<b>Package Weight</b>	1.65 lbs
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#### Video Outputs:

<b>3G-SDI</b>	4 x 3G-SDI (Level A or B): 4096 x 2160p @ 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 3840 x 2160p @ 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
<b>3G-SDI</b>	<b>Level A:</b> 1280 x 720p @ 50, 59.94, 60  <b>Level A or B:</b> 2048 x 1080p @ 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 1920 x 1080p @ 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 1920 x 1080i @ 25, 29.97, 30
<b>HD-SDI</b>	4 x HD-SDI: 4096 x 2160p @ 23.98, 24, 25, 29.97, 30 3840 x 2160p @ 23.98, 24, 25, 29.97, 30
<b>HD-SDI</b>	2048 x 1080p @ 23.98, 24, 25, 29.97, 30 1920 x 1080p @ 23.98, 24, 25, 29.97, 30 1920 x 1080i @ 25, 29.97, 30 1280 x 720p @ 50, 59.94, 60
<b>SD-SDI</b>	625i @ 25 525i @ 29.97

#### Audio:

<b>Input</b>	HDMI embedded audio, 24-bit, 2-channel
<b>Output</b>	SDI embedded audio, 24-bit, 2-channel