

12G-AMA Video I/O Formats

4K/UltraHD Inputs Supported

1x 12Gb SDI:

<u>Format</u>	<u>Frame Rate</u>	<u>Colorspace</u>	<u>Sampling</u>	<u>Bit Depth</u>
• 3840x2160p	23.98, 24, 25, 29.97, 30	YCbCr/RGB	4:4:4	10
• 3840x2160p	50, 59.94, 60	YCbCr	4:2:2	10
• 4096x2160p	23.98, 24, 25, 29.97, 30	YCbCr/RGB	4:4:4	10
• 4096x2160p	50, 59.94, 60	YCbCr	4:2:2	10

1x 6Gb SDI:

<u>Format</u>	<u>Frame Rate</u>	<u>Colorspace</u>	<u>Sampling</u>	<u>Bit Depth</u>
• 3840x2160p	23.98, 24, 25, 29.97, 30	YCbCr	4:2:2	10
• 4096x2160p	23.98, 24, 25, 29.97, 30	YCbCr	4:2:2	10

2K/HD Inputs Supported

1x 3Gb SDI:

<u>Format</u>	<u>Frame Rate</u>	<u>Level A/B</u>	<u>Colorspace</u>	<u>Sampling</u>	<u>Bit Depth</u>
• 1280x720p	50, 59.94, 60	A	YCbCr/RGB	4:4:4	10
• 1920x1080i	50, 59.94, 60	A or B-DL	YCbCr/RGB	4:4:4	10
• 1920x1080p	23.98, 24, 25, 29.97, 30	A or B-DL	YCbCr/RGB	4:4:4	10
• 1920x1080p	50, 59.94, 60	A or B-DL	YCbCr	4:2:2	10
• 1920x1080PsF	23.98, 24, 25, 29.97, 30	A or B-DL	YCbCr/RGB	4:4:4	10
• 2048x1080p	23.98, 24, 25, 29.97, 30	A or B-DL	YCbCr/RGB	4:4:4	10
• 2048x1080p	50, 59.94, 60	A or B-DL	YCbCr	4:2:2	10
• 2048x1080PsF	23.98, 24, 25, 29.97, 30	A or B-DL	YCbCr/RGB	4:4:4	10

1x 1.5Gb SDI:

<u>Format</u>	<u>Frame Rate</u>	<u>Colorspace</u>	<u>Sampling</u>	<u>Bit Depth</u>
• 1280x720p	50, 59.94, 60	YCbCr	4:2:2	10
• 1920x1080i	50, 59.94, 60	YCbCr	4:2:2	10
• 1920x1080p	23.98, 24, 25, 29.97, 30	YCbCr	4:2:2	10
• 1920x1080PsF	23.98, 24, 25, 29.97, 30	YCbCr	4:2:2	10

• 2048x1080p	23.98, 24, 25, 29.97, 30	YCbCr	4:2:2	10
• 2048x1080PsF	23.98, 24, 25, 29.97, 30	YCbCr	4:2:2	10

SD Inputs Supported

1x 270Mb SDI:

<u>Format</u>	<u>Frame Rate</u>	<u>Colorspace</u>	<u>Sampling</u>	<u>Bit Depth</u>
• 525i	59.94	YCbCr	4:2:2	10
• 625i	50	YCbCr	4:2:2	10

To contact AJA Technical Support:

Email: support@aja.com

Phone: +1-530-271-3190

Fax: +1-530-274-9442

Web: <https://www.aja.com/support/contact>

Shipping: 180 Litton Dr. Grass Valley, CA 95945 USA