



Hi5-Fiber

Hi5-Fiber converts 3G-SDI over single mode 1310 nm Fiber optic cable (ST-style Fiber connector) to HDMI for driving HDMI monitors. Embedded 8-channel 3G-SDI audio is supported in the HDMI output allowing a convenient single cable audio/video connection. Hi5-Fiber provides 2-Channel RCA style audio outputs for separate audio monitoring if needed.

<https://www.aja.com/products/hi5-fiber>

Video Formats

- (2K) 2K x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (2K) 2K x 1080PsF* 23.98, 24, 25, 29.97, 30
- (HD) 1080i 50, 59.94, 60
- (HD) 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 1080PsF* 23.98, 24, 25, 29.97, 30
- (HD) 720p 50, 59.94, 60
- (SD) 625i
- (SD) 525i

*NOTE: converts to progressive

Video Input

- Single mode optical fiber, ST connector supporting SMPTE-259/292/424 3G/HD/SD-SDI

Video Outputs

- HDMI with embedded audio up to 8-Channels (selectable by Mini-Config)
 - 12-bit
 - 10-bit YCbCr 4:2:2
 - 8-bit RGB 4:4:4

Audio Input

- SDI embedded audio, select from 16-Channels

Audio Output

- 2-Channel RCA style (-10 dBu nominal)

Size (w x d x h)

- 4.6" x 2.4" x 1.0" (116.84 x 60.96 x 25.4 mm)

Weight

- 0.4 lb (0.2 kg)

Power

- Uses AJA power supply model DWP-U-R1, included with purchase
 - 100-240V, 50/60 Hz universal input
 - +5V DC regulated, 3 watts

Environment

- Safe Operating Temperature: 0 to 40 C (32 to 104 F)
- Safe Storage Temperature (Power OFF): -40 to 60 C (-40 to 140 F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)