



IPR-1G-SDI

\$795 US MSRP

The IPR-1G-SDI is a bridge from IP to SDI with VSF TR-01 (and other JPEG 2000 formats) to 3G-SDI support, suited for point of use applications including source monitoring, transfer to VTRs and switchers, digital signage, video walls and more. The IPR-1G-SDI decodes VSF TR-01 streams then formats the data for 3G-SDI output. The audio associated with the video stream is extracted, synchronized, and then embedded into the SDI stream as well as output on an analog RCA stereo interface.

<https://www.aja.com/products/ipr-1g-sdi>

Video Formats

- (2K) 2048 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 1920 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 1920 x 1080i 50, 59.94
- (HD) 1280 x 720p 50, 59.94, 60
- (SD) 625i 50
- (SD) 525i 59.94

Essense Input

- 1 x RJ-45 (IEC 60603-7) for 10/100/1000 Base-T Ethernet (IEEE 802.3-2012)
- VSF TR-01 and other JPEG 2000 MPEG-2 TS workflows

Outputs

- 2 x 3G SDI BNC
 - 4:2:2 10-bits/pixel (embedded audio)
- 2 x RCA analog audio
 - Levels at -10 dBu (nominal)

User Controls

- 1 x RJ-45 (IEC 60603-7) for 10/100/1000 Base-T Ethernet (IEEE 802.3-2012)
 - HTTP/1.1 (RFCs 7230, 7231, 7232, 7233, 7234, 7235)
 - Web and REST clients supported

- 1 x USB 2.0 Mini-B (IEC 62680-1) connector
 - AJA eMini-Setup of network parameters

Size (w x d x h)

- 5.53" x 4.48" x 0.954" (140.46 x 113.79 x 24.23 mm)

Weight

- 0.6 lb (0.3 kg)

Power

- Uses AJA power supply model DWP-U-R1, included with purchase
- 100-240V, 50/60 Hz Universal input
- +5 to 20V DC regulated, 12 watts max

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)