IPR-1G-HDMI

Bridging JPEG 2000 over IP to HDMI, the IPR-1G-HDMI is a VSF TR-01 (and other JPEG 2000 formats) to HDMI receiver suited for point of use applications including source monitoring, digital signage, and video walls. The IPR-1G-HDMI decodes VSF TR-01 JPEG 2000 streams then formats the data for output on a full size HDMI 1.4 interface. The audio associated with the video stream is extracted, synchronized, and then embedded into the HDMI signal as well as output on an analog RCA audio interface.

$795 US MSRP

https://www.aja.com/products/ipr-1g-hdmi

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

- 1x 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 Workflows

Outputs

- 1x HDMI Standard Type A connector
  - HDMI v1.4a 24/30 bits per pixel, RGB/YUV
- 2x RCA analog audio
  - Levels at -10 dBu (nominal)

User Controls

- 1x 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
- 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)