AJA
VIDEO SYSTEMS

HDR Image Analyzer

HDR Image Analyzer delivers a comprehensive array of tools for the effective analysis of the latest HDR standards – including HLG, PQ and Rec.2020 – from 4K/UltraHD/2K/HD content in a convenient real time 1RU device.

Developed in partnership with Colorfront, AJA HDR Image Analyzer supports a wealth of inputs from camera LOG formats to SDR (REC 709), PQ (ST 2084) and HLG and offers color gamut support for BT.2020 alongside traditional BT.709. AJA hardware prowess ensures high reliability and performance, with 4x 3G-SDI input and output, and DisplayPort connections.

Specifically designed to be used wherever needed, the 1RU form factor fits into a range of environments, providing the confidence you need for consistent and predictable HDR production and mastering.

https://www.aja.com/products/hdr-image-analyzer

$15,995 US MSRP

Video Format

- (4K) 4096 x 2160p 23.98, 24, 25, 29.97, 30, 48 A/B, 50 A/B, 59.94 A/B, 60 A/B
- (UltraHD) 3840 x 2160p 23.98, 24, 25, 29.97, 30, 48 A/B, 50 A/B, 59.94 A/B, 60 A/B
- (2K) 2048 x 1080p 23.98, 24, 25, 29.97, 30, 48 A/B, 50 A/B, 59.94 A/B, 60 A/B
- (2K) 2048 x 1080PsF 23.98, 24, 25, 29.97, 30, 48 A/B, 50 A/B, 59.94 A/B, 60 A/B
- (HD) 1080i 50, 59.94, 60
- (HD) 1080PsF 23.98, 24, 25, 29.97, 30
- (HD) 1080p 23.98, 24, 25, 29.97, 30, 50 A/B, 59.94 A/B, 60 A/B
- (HD) 720p 50, 50.94, 60

Video Input Digital

- 4x 3G-SDI BNC
- 3G-SDI, SMPTE-259/292/296/424/425, 12-bit, 10-bit and 8-bit

Video Output Digital

- 4x 3G-SDI BNC
- 3G-SDI, SMPTE-259/292/296/424/425, 12-bit, 10-bit and 8-bit

Audio Input Digital

- 16-Channel 24-bit SDI embedded, 48 kHz synchronous

Audio Output Digital

- 16-Channel 24-bit SDI embedded, 48 kHz synchronous

Computer Monitor Output

- Display Port Output

- Up to UltraHD 60p

Reference Input

- Signal: Analog video sync (Blackburst or Tri-Level)

Size (w x d x h)

- 1RU form factor
- 17.2" x 16.9" x 1.7" (436.88 x 429.26 x 43.18 mm)

Weight

- 28 lb (12.7kg) in box
- 18 lb (8.2kg) server only

Power

- 100-240 VAC 50/60 Hz (Dual, redundant power supplies)
- 190W typical, 245W Maximum

Environment

- Safe Operating Temperature: 5 to 35 C (41 to 95 F)
- Safe Storage Temperature (Power OFF): -40 to 60 C (-40 to 140 F)
- Operating Relative Humidity: 8-90% noncondensing
- Non Operating Relative Humidity: 5-95% noncondensing