



FS-HDR

Academy Award® Winning Color and Dynamic Range Transforms, in Real Time

FS-HDR, a 1RU, rackmount, universal converter/frame synchronizer, is designed specifically to meet the HDR (High Dynamic Range) and WCG (Wide Color Gamut) needs of broadcast, OTT, post and live event AV environments, where real time, low latency processing and color fidelity is required for 4K/UltraHD and 2K/HD workflows. Powered by Colorfront Engine™ proprietary video processing algorithms from Colorfront. FS-HDR also serves as a full, 1-Channel up, down, cross-converter for 4K/UltraHD/2K/HD HDR conversion and in 4-Channel mode, offers four simultaneous and independent channels of 2K/HD HDR and SDR transformations.



Input

Whether your source is a truly dynamic camera Log format or a SDR or HDR video source, FS-HDR has you covered:

- SDR BT.709 100 Nits
- PQ BT.2020 1000 Nits
- PQ P3D65 1000 Nits
- Hybrid Log Gamma BT.2100
- Sony® S-Gamut3/SLog3
- ARRI® Log C Wide Gamut
- Panasonic® V-Log
- RED® Log3G10 Wide Gamut
- Canon® Log 2



Transform

Powered by Colorfront Engine, FS-HDR's extensive HDR and WCG processing support enables real time processing of a single channel of 4K/UltraHD/2K/HD including down-conversion to HD HDR or SDR or up to four channels of 2K/HD HDR processing simultaneously.

FS-HDR also enables the conversion of popular camera formats from multiple vendors into HDR formats plus conversion to and from BT.2020/BT.709 color spaces as needed.



Output

From multi-channel HD to true 4K, FS-HDR carries your dynamic video over 3G-SDI, optional fiber or 12G-SDI to wherever it needs to go; from switchers, routers, monitors, to huge LED displays and more. You can even convert your source to SLog3 for use further along the chain.

- SDR BT.709 100 Nits
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- Hybrid Log Gamma BT.2100
- Sony S-Gamut3/SLog3

Find out more at www.aja.com

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