

FS | HDR

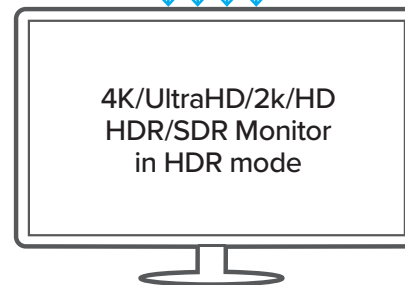
Source Video
SDI



GPI Instant Toggle Between HDR/SDR

FS-HDR
PQ or HLG Output Video

4x 3G-SDI Output



The Colorfront Engine™ SDR Preview mode allows a user to quickly see what an HDR output will look like if it were converted to SDR by a FS-HDR. This is extremely useful in functions like camera shading, where the operator is making adjustments to an HDR camera while viewing the image on a HDR display. A key question is “what will this picture look like when down converted to SDR?” The FS-HDR’s unique SDR Preview mode provides a fast way to answer this question without requiring an HDR to SDR equipment chain or re-configuring the existing HDR monitor.

When SDR Preview is enabled, the Colorfront Engine™ maps the video into the currently selected HDR space (PQ or HLG), but with values that will exactly represent the SDR image. This eliminates the time normally required to change the output format to SDR and then wait for the display to reconfigure. By simply controlling the on/off state of the SDR Preview (from the front panel, Web GUI, or GPI), the operator can make quick, glitch free A/B comparisons of the HDR and SDR images.

HDR
colorfront |>>>

SDR Preview Mode