

TVlogic LEM-550R 55 inch UHD OLED Monitor for HDR Monitoring

The LEM-550R is QC-Grade HDR monitor for broadcast and post production with a 55-inch OLED panel with UHD resolution of 3840 × 2160. The OLED panel can reproduce a maximum luminance of up to 750 nits. The LEM-550R supports various HDR standards such as SMPTE 2084PQ, Hybrid-Log Gamma (HLG), and others. It also supports multiple color gamuts including Rec.709, DCI, and Rec.2020. Signal I/O includes 3G/6G/12G-SDI input via one, two, or four SDI connections as well as HDMI (ver.2.0).

Features:

Audio Level Meter Display

- Displays the level of the embedded sound signal together with the video signal input through the terminal such as SDI or HDMI.

Blue Only / Mono

- Red and Green channels are not used and only Blue or Monochrome channel is used to display the screen. This function is used to adjust the color tones (tones and saturation) of the screen using the SMPTE Color Bar. For example, after displaying the Blue channel, adjust the Color (or Saturation) and Tint (or Hue) so that the original Magenta and Cyan are of the same brightness, and the original Gray and Blue are of the same brightness.

H/V Delay

- Allows you to check the Blanking area and synchronize signals by displaying the horizontal and vertical intervals in the center of the screen.

Marker

- Displays various kinds of aspect ratios on the screen. Wide range of markers and security areas are available with line color and curtain transparency selection. A User Marker is available if any of standard markers fits your requirements.

Time Code Display

- Displays the Timecode information on the screen.

Waveform/Vector Scope

- Waveform Y: Displays the Luma(Y'), Cb, Cr component of the input signal into waveform. Vector Scope: Displays the color components 'B-Y' and 'R-Y' of the input signals onto the X-Y axis.

3G-SDI Level A/B

- Supports 3G-SDI Level A/B input.