

LV5490 MULTI WAVEFORM MONITOR

LEADER's First 4K Waveform Monitor

PRELIMINARY SPECIFICATIONS



AVAILABLE
3Q-2013



The LV5490 is a waveform monitor supporting 4K video format. It can display up to four channels of 3G-SDI input signals simultaneously. Eight channels of inputs are available, four are dedicated input connectors with cable length measurement capability, the other four channels are configurable as inputs or outputs with pattern generator functions. The built-in 9-inch LCD monitor is Full HD (1920 x 1080) with wide viewing angle and high color reproduction.

MAIN FEATURES:

- 4K video format compliance (4096 x 2160 or 3840 x 2160)
- Accepts 3G/HD/SD SDI signals.
- 3G-SDI signal can be dual link or quad link for 4K.
- In 3G-SDI (dual link) 4K video inputs, up to four systems can be displayed. In 3G-SDI quad link 4K video inputs, up to two systems can be displayed.
- Up to eight channels of SDI input signals available. Four are dedicated input connectors with cable length measurement capabilities, the other four can be configured as inputs or outputs.
- External monitor output and SDI router function.
- It can display two sets of HD-SDI dual link signals at the same time.
- Picture Display method can be by quadrants (square division) or by 2-sample interleave processing.
- Pattern generator function and SDI re-clocked output.
- Waveform, vector, picture can be displayed individually or in combination.
- CINELITE® II included as standard.
- SDI signal data analysis function allows for cable length measurement, CRC error, embedded audio error, event log, data dump, timing display, etc.

MAIN FEATURES (cont.):

- Audio Display function. De-embeds SDI audio signals and displays Lissajous, surround sound and meter displays. 16 channels of audio display are available from one SDI signal. When de-embeds four SDI signals simultaneously, four channels of audio can be de-embedded for each SDI signal.
- Digital Audio Output. The de-embedded audio of SDI signal can be output as digital audio. 16 channels of digital audio can be output from one SDI signal. When de-embeds four SDI signals simultaneously, four channels of digital audio can be output from each SDI signal.
- Frame Capture function.
- Screen Capture feature. The display can be captured and stored as an image data. The captured data can be displayed on the LV5490. It can also be saved as bitmap files to USB memory, which makes it possible to view the data on a PC.
- Timecode
- External remote connector.
- RJ-45 connector available.
- USB Mouse connector allows to operate the front panel.

AVAILABLE OPTIONS:

- Eye Pattern and Jitter Measurement Display
- Dolby® Decode

AVAILABLE ACCESSORIES:

- Rack Mount

■ **DIMENSIONS (W x H x D):** 8.77" x 7.44" x 14.17" (223mm x 189mm x 360mm)

■ **WEIGHT:** 4.72 Kg (10.4 lbs)



LV5490 Rear Panel

These are preliminary specifications/information and they are subject to change without notice.