CALIBRE

LEDView770SV
HQUltra Events 4K Scaler-Switcher for LED Videowalls with HQUltraFast Input Switching & HDBaseT

LEDView770SV is a dedicated LED videowall image scaler based on Calibre's proprietary class-leading HQUltra 4K image processing technology. HQUltra scaling provides best in class picture quality with low latency video processing.

With its custom LED videowall-optimized scaling algorithms, LEDView770SV has a special LED mode with per-edge pixel-accurate image sizing for fast pixel-perfect image alignment of all sources on LED videowalls.

Featuring Calibre's proprietary HQUltraFast input channel switching able to switch input channels in as little as a quarter of a second, LEDView770SV has a wide range of input connectivity for today's digitally connected ProAV world, but still is able to support legacy formats too, all with great image quality.

LEDView770SV includes front panel controls with easy to read front panel menu system as well as remote control via inbuilt webserver or easy to implement protocol.

For in-camera use a Genlock input is provided compatible with bi or tri-level sync or black & burst.

Flexible Pan-Tilt-Zoom controls allow selection of an area of interest

Rugged 1U rack-mountable case with integral modular universal mains PSU.

- Perfect scaling with Calibre's HQUltra low-latency 4K best-in-class proprietary scaling algorithms

- HQUltraFast proprietary typical 0.25 seconds input channel switching technology

- LED Videowall Optimized Scaling with per-edge pixel-accurate custom sizing

- Front panel jog-wheel and LCD display for fast easy set-up in the field

- 12 Video Inputs: 2xHDMI 4K, 1xHDMI HD, 1xDisplayPort 4K, 1xHDBaseT 4K, 2x3G-SDI, 1xVGA, 1xCVBS, 1xDVI-U (DVI/HDMI & VGA/RGBS/YPbPr), 1x 1080p HD H.264 Streaming Video

- 4 Video Outputs: 1xHDMI 4K, 1x DVI/HDMI, 1xHDBaseT 4K, 1x3G-SDI

- Picture in Picture ideal for sports scoreboards

- Brightness, Contrast, Saturation controls for all source types

- RGB calibration controls (not 4:2:0 in to 4:2:0 out)

- Flexible Aspect Ratio Conversion

- Genlock (V-Lock) and Source Lock for in-camera & broadcast applications

- Audio de-embed from HDMI, DisplayPort, HDBaseT and 3G-SDI inputs to S/PDIF, re-embed to HDMI, HDBaseT and 3G-SDI outputs

- Multiple outputs for local monitoring of live output feed

- Remote control via webserver or simple API

- Supports LED Videowalls from 4096x2160 to 128x96 pixels

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Inputs
2x HDMI 4K
1x HDMI HD
1xDisplayPort 4K
1x HDBaseT 4K
2x 3G-SDI
1x DVI-U supporting VESA modes, SD, HD, can be configured as fourth HDMI input. DVI-U input also simultaneously supports VGA/RGBS/YPbPr legacy analog formats with suitable cable.
1x VGA Analog
1x Composite PAL/NTSC/SECAM
1x Genlock reference sync input, supports bi/tri-level or black&burst 50/59.94/60Hz formats
1x 1080p HD H.264 Streaming Video Input via Gigabit Ethernet Port

HDCP supported on all HDMI/DVI/HDBaseT/DisplayPort I/O

Supported digital input and output formats:
4K/UHD (HDMI 4K/DisplayPort /HDBaseT only)
3840x2160p, 4096x2160p 23.97/24/25/29.94/30/50/59.94/60;
UHD/4K 50/59.94/60p modes supported in 4:2:0 format.
HD 1280x720p, 1920x1080i, 1920x1080psf,
1920x1080p23.97/24/25/29.94/30/50/59.94/60,
2048x1080p23.97/24/25/29.94/30/50/59.94/60.
ED 480p, 576p (not via SDI), SD 625i (576i), 525i (480i)
Common VESA graphics formats from VGA to 4K,
(Modes higher than WUXGA on 4K-capable input channels only)
Note: Some 4K zoom functionality is limited/unavailable when PIP is in use

Outputs
1x HDMI 4K via HDMI connector
1x DVI/HDMI via DVI connector
1x HDBaseT 4K
1x 3G-SDI
1x S/PDIF digital audio via RCA
NB: 3G-SDI output is disabled with HDCP-encrypted input and also when incompatible output modes are selected. All outputs are otherwise available simultaneously, with the same image shown on each.

Supported Switching & Sync Modes
HQUltraFast input Switching in Genlock and Free-Run modes
Also supports Source Lock when HQUltraFast not required

User Controls
Front panel jog-wheel and LCD menu display for fast set-up.
Keypad for direct input selection and integral indicator LEDs.
Remote control via RS232, TCP/IP API and Web Server.
Gigabit Ethernet for webserver and remote control API

Power Requirements
100-264VAC, 50W typical

Warranty
3-years return to base warranty covers parts and labour.

Order Code
LEDView770SV with Streaming Video Input – Order Code **L770SV**

Model >	H210	H310	H320	H325	L530	H620	H625	H630	H670	H730	H770	L720	L725	L730	L770
Front LCD menu or OSD control	OSD	OSD	OSD	OSD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD
HDMI 4K Inputs						■(2)	■(2)	■(2)	■(2)	■(2)	■(2)	■(2)	■(2)	■(2)	■(2)
HDMI HD Input				■	■	■	■	■	■	■	■	■	■	■	■
DVI/HDMI HD Input		■	■	■	■	■	■	■	■	■	■	■	■	■	■
HDBaseT 4K Input								■	■		■		■		■
DisplayPort 4K Input								■	■		■		■		■
Component Input		BNCs	BNCs		BNCs	DVI-U	DVI-U	DVI-U	DVI-U	DVI-U	DVI-U	DVI-U	DVI-U	DVI-U	DVI-U
Composite Input(s)					■(2)	■	■	■	■	■	■	■	■	■	■
VGA Analog Input		DVI-I	DVI-I		■	■	■	■	■	■	■	■	■	■	■
3G-SDI Input(s)	■				■		■(2)	■(2)	■(2)	■(2)				■(2)	■(2)
DVI / HDMI HD Output	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
HDMI 4K Output						■	■	■		■	■	■	■	■	■
HDBaseT 4K Output								■	■		■		■		■
VGA Analog Output					■										
3G-SDI Output					■			■	■	■	■				■
3G-SDI Audio embed/de-embed & SPDIF					■			■	■	■	■				■
HQV Processing	■				■										
HQUltra 4K Low-Latency Processing					■	■	■	■	■	■	■	■	■	■	■
HQUltraFast High Speed Input Switching						■	■	■	■	■	■	■	■	■	■
PIP					■		■	■	■	■	■			■	■
TCP/IP Webserver & API Control	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Geometry Correction, 4-Corner, Rotate	■	■	■	■	■										
Mesh-based Warp, config via PC App			■	■											
Genlock - V-Lock					■									■	■
Pan, Zoom, Tilt	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Edge Blending		■	■	■	■										
Edge Blend Black Level Correction				■	■										
Videowall mode with auto PTZ		■		■	■		■	■		■		■	■	■	■
LED Videowall Per-Edge Sizing					■					■	■	■	■	■	■
Analogue Audio In, Out and Power Am**p** *fitted to models with "A" suffix*						■	■	■	■	■	■				
Streaming Video Input via Network Port *fitted to models with "SV" suffix*						■	■	■	■	■	■			■	■