

CALIBRE



LEDView530

Universal Rental/Staging/Events Scaler for LED Videowalls, Projection and Scan Conversion



LEDView530 is a highly flexible scaler with optimal operating modes for all live events, staging and premium ProAV purposes.

For LED videowalls LEDView530 provides stunning image quality for professional, broadcast, sports, digital signage & corporate AV.

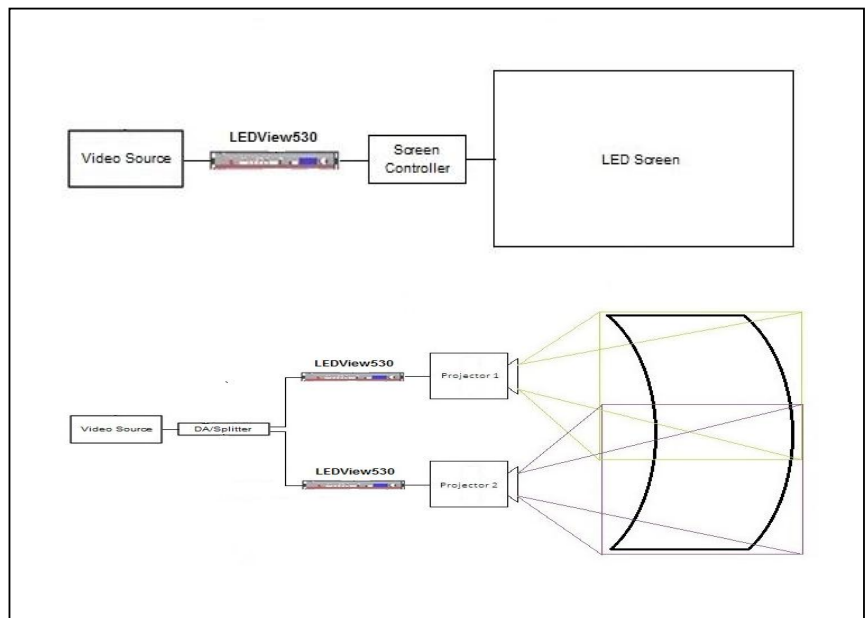
LEDView530 features 4-sided edge drag and drop for sizing the picture to fit the LED screen, making system configuration very easy.

Very low image latency ensures minimal picture lag, which together with genlock capability makes LEDView530 ideal for on-stage or in-camera use at live events.

Configuration is a breeze via front panel LCD readout & jog-wheel or remote control via webserver for easy intuitive installation & control with no need for special software apps to be installed.

LEDView530 can be switched into Projection mode whereby it supports warp mapping and edge blending as well as geometry correction and general projection scaling functions. It can also be placed into a general switcher-scaler & scan-converter mode.

- Best in class professional image processing in a compact affordable 1U format
- Front panel jog-wheel and LCD display for fast easy set-up in the field
- Use as a routing switcher and universal interface for LED screens
- Digital and Analog video support including 3G-SDI, DVI, HDMI, VGA & Video
- Improve video image quality with powerful detail and sharpness filters
- Superior de-interlacing & noise reduction reduces image flicker and artefacts
- Color correction of all source types including RGB controls, Saturation & Hue
- Powerful picture re-sizing to fit LED screen with simple edge drag and drop
- Screen sizes from 128x96 - 1920x1200 pixels, or 7680x4800 in multiple unit mode
- Genlock and I/O Lock for in-camera use
- Multi-function universal processor for LED and Projection rental
- Projection mode with warp mapping, geometry correction & edge blend





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Inputs

2x Composite Video CVBS (NTSC, PAL & SECAM),
 1x via BNC jack and 1x via Cinch/RCA
 1x YC/S-Video via 4 pin mini DIN
 1x Component analog video YPbPr(S) or RGsB/RGBS
 via 3 or 4 x BNC jack
 1x HDMI with HDCP, 8/10/12 bit video compatible, 10-bit internal
 processing depth. Audio strip-off of SPDIF compatible formats
 1x DVI with HDCP
 1x VGA Analog via 15HDD
 1 x 3G-SDI, accepts 3G, HD and SD SDI signals via BNC
 supports 4:2:2 and 4:4:4 formats with audio de-embed

1x Genlock (V-Lock) input via BNC, accepts bi-level, tri-level sync
 or black & burst, 50/59.94/60Hz formats

Supported video formats

HD 720p, 1080i, 1080psf (psf digital only), 1080p23.97/24/25/30,
 1080p30, 1080p50, 1080p59.94, 1080p60
 ED 480p, 576p (not via SDI)
 SD 625i (576i), 525i (480i)
 Common VESA graphics formats from 640x480 to 1920x1200
 (with reduced blanking for 1920x1200 and 1600x1200 modes)

Multi standard support for CVBS & YC in PAL, NTSC, SECAM
 formats with selectable 3D comb for composite

Outputs

1x DVI/HDMI with HDCP (HDMI with deep color 8/10/12 bit support, via DVI connector)
 1x VGA Analog via 15HDD
 1x S/PDIF digital audio via RCA
 1x 3G-SDI via BNC

*NB: 3G-SDI and VGA Analog outputs are disabled with HDCP-encrypted input. Not all outputs are
 available simultaneously*

Supported Output formats:

DVI/VGA common VESA/SMPTE progressive scan formats from
 640x480 to 1920x1200, 720p, 1080p
 Selectable Genlock (V-Lock), I/O lock or frame rate conversion mode
 Selectable aspect ratio conversion
 Selectable VT filter for interlace flicker reduction in low latency mode
 Multiple unit mode for very large LED screens (PIP not supported in this mode)

User Controls

Front panel jog-wheel and LCD menu display for fast set-up.
 Keypad for direct input selection.
 Remote control via RS232, TCP/IP API and Web Server.
 PC-based Warp Map Generator tool for projection map/warp/blend mode
 USB port for uploading software updates and new features

Power Requirements

100-264VAC, 35W typical

Warranty

3-years return to base warranty covers parts and labor, shipping excluded.

LED Video Scaler/Processor Model >	LEDView400	LEDView530	PVProHD-LED
Broadcast Grade HQV Processing & 1024-tap scaling using Realta			X
Professional HQV Processing using Reon	X	X	
DVI/HDMI Inputs	X	X	X
Component Input	X	X	X
Composite/S-Video Inputs	X	X	X
VGA Analog Input	X	X	X
HD-SDI Input, SD-SDI compatible	X		X
3G-SDI In & Out, HD-SDI & SD-SDI compatible, with audio de-embed		X	
DVI/HDMI Output	X	X	X
VGA Analog Output	X	X	X
SD Temporal and MPEG noise reduction	X	X	X
HD Temporal noise reduction			X
Detail Enhancement, 2D	X	X	X
Real-Time Unsharp Mask			X
Picture in Picture (PIP)	X	X	X
User controls via Web Server	X	X	
PC-based remote control software with back-up/restore capability			X
TCP/IP Control	X	X	X
Low Latency Processing	X	X	
Flicker Filter for interlaced signals in Low Latency mode		X	X
LED Screen Sizing by Edge Drag-Drop	X	X	X
Genlock (V-Lock) to bi/tri-level sync		X	X
Genlock (V-Lock) to digital sync			X
Pan, Zoom, Tilt	X	X	X
Direct Input Select Buttons	X	X	X
Multiple unit mode with Auto pan/zoom/tilt		X	X
Black Crush control with level adjustment		X	X
Front panel LCD menu system		X	X
HQView520/30 projection mode with map/warp/blend for alternative rental use		X	

