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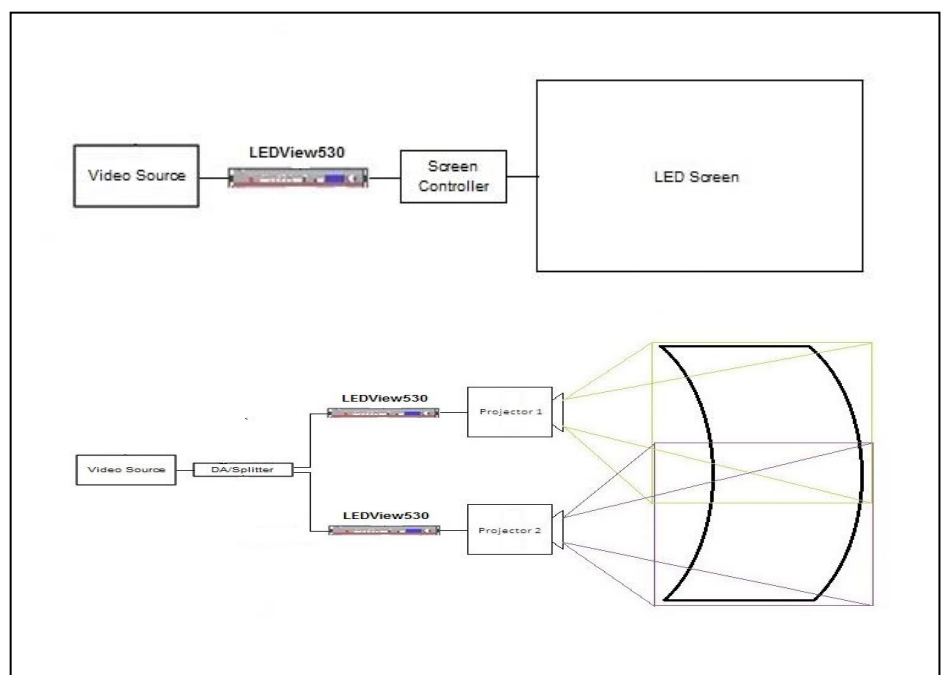
LEDView530 features 4-sided edge drag and drop for sizing the picture to fit the LED screen, making system configuration very easy.

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 calibration of all source types including RGB controls, Saturation & Hue
- Powerful picture re-sizing to fit LED screen with simple edge drag and drop
- LED Screen sizes from 128x96 to 1920x1200 pixels
- Genlock (V-Lock) 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 scan conversion 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

Order Codes
LEDView530 – Order Code **L530**
HQView530 without LED sizing function – Order Code **H530**

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 Amp *fitted to models with "A" suffix*						■	■	■	■	■					
Streaming Video Input via Network Port *fitted to models with "SV" suffix*						■	■	■		■			■		■