

## LEDView725

HQUltra LED Videowall 4K Scaler-Switcher with HQUltraFast Input Switching & HDBaseT



LEDView725 is a universal 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, LEDView725 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 source switching able to switch input channels in under a quarter of a second, LEDView725 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.

LEDView725 includes front panel controls with easy to read front panel menu system as well as remote control via inbuilt webserver or easy to implement API commands.

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
- 9 Video Inputs: 2xHDMI 4K, 1xHDMI HD, 1xDisplayPort 4K, 1x HDBaseT 4K, 1xVGA, 1xCVBS, 1xDVI-U (DVI/HDMI & VGA/RGBS/YpPr)
- 3 Video Outputs: 1xHDMI 4K, 1x DVI/HDMI, 1xHDBaseT 4K
- 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
- Audio de-embed from HDMI, DisplayPort & HDBaseT inputs to S/PDIF, re-embed to HDMI & HDBaseT 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
- Optional H.264 HD Streaming Video Input



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### HQUltra LED Videowall 4K Scaler-Switcher with HQUltraFast Input Switching & HDBaseT

#### Inputs

- 2x HDMI 4K
- 1x HDMI HD
- 1x DisplayPort 4K
- 1x HDBaseT 4K
- 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
- Optional H.264 Streaming Video Input via Gigabit Ethernet Port

HDCP supported on all HDMI/DVI/DisplayPort/HDBaseT 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,
- 1920x1080p 23.97/24/25/29.94/30/50/59.94/60,
- 2048x1080p 23.97/24/25/29.94/30/50/59.94/60.
- 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)

#### Outputs

- 1x HDMI 4K via HDMI connector
- 1x DVI/HDMI via DVI connector
- 1x HDBaseT 4K
- 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 Codes

- LEDView725 – Order Code L725
- LEDView725SV with Streaming Video Input – Order Code L725SV



| 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)  |
| 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                              |      |      |       |       | ■    |       |       |       |       |       |       |       |       |       |       |
| Genlock – H&V or Crosslock                    |      |      |       |       |      |       |       | ■     | ■     | ■     | ■     |       |       |       | ■     |
| 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          |      |      |       |       |      | Opt   | Opt   | Opt   | Opt   | ■     | ■     |       |       |       |       |
| Streaming Video Input via Network Port        |      |      |       |       |      |       |       |       |       |       |       |       |       |       |       |
| Opt: option fitted to models with "A" suffix  |      |      |       |       |      | Opt   | Opt   | Opt   | Opt   |       |       |       |       |       |       |
| Opt: option fitted to models with "SV" suffix |      |      |       |       |      | Opt   | Opt   | Opt   | Opt   | ■     | ■     | Opt   | Opt   | Opt   | Opt   |

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