CALIBRE

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HQView620ASV

Presentation AV Scaler with HQUltraFast Switching Line Level & Microphone Inputs, Power Amp, Audio & Streaming Video Input

HQView620A is a universal audio and video scaler-switcher 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.

Featuring Calibre's proprietary HQUltraFast input channel switching able to switch input channels in as little as a quarter of a second, HQView620A 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.

HQView620A includes stereo analogue audio inputs and outputs with audio-follow-video capability. There are two microphone inputs with phantom power available and internal mixer for talk-over. The internal power amplifier provides 2x15W RMS to directly drive loudspeakers in meeting rooms and smaller conference room, plus line level balanced stereo outputs to drive an external amplifier or powered loudspeakers,

HQView620A features front panel controls with easy to read front panel menu plus remote control via inbuilt webserver and easy to implement API commands.

- **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**

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

- **8 Video Inputs: 2xHDMI 4K, 1xHDMI HD, 1xDisplayPort 4K, 1xVGA, 1xCVBS, 1xDVI-U (DVI/HDMI & VGA/RGBS/YPbPr)**

- **2 Video Outputs: 1xHDMI 4K, 1xDVI/HDMI**

- **7x Line Level Stereo Audio Inputs**

- **2x Microphone Inputs with Phantom Power and Audio Mixer**

- **Stereo Audio Power Amplifier with 2x15W RMS Loudspeaker Outputs**

- **Stereo Balanced Line Level Audio Outputs**

- **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 inputs, re-embed to HDMI outputs**

- **Multiple outputs for local monitoring of live output feed**

- **Remote control via webserver or simple API**

- **H.264 HD Streaming Video Input**

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Inputs

2x HDMI 4K, 1x HDMI HD, 1xDisplayPort 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 I/O

6x Line Level Stereo Audio via 3.5mm Jack
1x Line Level Stereo Audio via 2xRCA
2x Microphone Input with 48V Phantom Power via 6.35mm Jack

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, 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 S/PDIF digital audio via RCA
All outputs are available simultaneously, with the same image shown on each.

1x Loudspeaker Connector, 2x15W RMS
1x Line Level Balanced Stereo

Supported Switching & Sync Modes
HQUltraFast input Switching in Free-Run mode
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, 65W typical

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

Order Codes
HQView620A with Audio – Order Code **H620A**
HQView620ASV with Audio & Streaming Video Input – Order Code **H620ASV**

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