



Press Release

See Calibre at InfoComm 2010, Booth N533

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For Immediate Release

Scaling, Scan Conversion, Switching, Edge Blending and Warping : Calibre launches three new HQView™ models at InfoComm 2010

Global debut for three new scaler, switcher and scan converters comprising 3G-SDI inputs & outputs and edge blend & warp options

Bradford, UK, June 9-11, 2010 – In what is understood to be the largest range of dedicated scaler, switcher and processors with soft edge blend and warp capabilities available in the market, Calibre UK will unveil their latest three models of their HQView™ range of processors alongside their flagship image warp processor at InfoComm 2010.

In the lead-up to the show, the company will also reveal the latest high-profile North American installation. Adding to the company's increasing presence in the USA market, the industry's smallest and greenest edge blend and warp processor will be displayed in the Sustainable Products Showcase at InfoComm.

The new **HQView500 series** universal video scalers and scan converters for professional audio visual applications will be launched at InfoComm 2010. The models in the range feature scaling, switching, scan conversion, up, down and cross conversion, edge blend, geometry correction and warp mapping.

All three models accept a wide range of HD, SD & Computer inputs including 3G-SDI, DVI, HDMI, YPbPr/RGBS, VGA/RGBHV, S-Video, Composite PAL NTSC & SECAM. Outputs include 3G-SDI, DVI/HDMI, VGA/RGBHV formats with support for progressive and interlace output modes and genlock to bi-level sync, tri-level sync or black & burst.

The **HQView500** is a universal scaler, switcher and scan converter with geometry correction and 3G-SDI input and output connectivity with backwards compatibility with HD-SDI and SD-SDI.



HQView500



HQView510



HQView520



The **HQView510** adds geometry correction and edge blend for multi-projector tiling on flat screens.

At the top of the new introductions the **HQView520** comprises warp mapping and edge blend. This model is ideal for geometric correction and blending using multiple projectors on to curved screens as well as for 3D dual stacked projector alignment.

"Our products meet a particular niche market demand for image control and high-quality advanced features. The HQView Calibre image processing product range sets new standards with easy to use warp capability, superb scaling, broadcast grade de-interlacing, outstanding noise reduction and image enhancement," says Tim Brooksbank, Chairman at Calibre UK.

The three models join an already existing HQView model range including the **HQView200, HQView320, HQView420, HQView400DC**. The products are the first of their kind to make state-of-the-art image processing available to a wider market, with a smaller footprint, a straightforward user interface, and very attractive price points.

The compact **HQView320** will be seen in the Sustainable Products Showcase at InfoComm thanks to its 12W operating level promising edge blending for 1, 2, 3 or 4 edges. The unit also can perform powerful geometry correction and image warping.



Also on show is the powerful new **PVProHD-IW** professional HD HQV image scaler with warping, rotation and edge blend for use in a virtually unlimited range of projection applications. Warping of any projector images can be performed for display onto many surfaces including extreme off-angle projection, curved screens and unusual or non-geometric shapes. The product is seamlessly set-up from a standard laptop or PC. PVProHD-IW intuitively recalculates warp parameters as required to suit input resolution changes, aspect ratio, height, width and overscan adjustments without the need to load a separate warp map for each input configuration.

The blending of multiple projectors is performed using Calibre's proprietary algorithms which allow precise control of blend S-curve, gamma and blend region width and can work with 1, 2, 3 or 4 blend regions per projector.

Black level correction is also provided with independent control of up to 9 regions with 10-bit adjustment of granularity. Importantly blend processing is 16-bit accurate for de-gamma, blend, black level correction and re-gamma to ensure crisp, clean images without introduction of black level noise or greyscale banding.

Calibre will be exhibiting at InfoComm on Booth N533 at InfoComm 2010.

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About Calibre

Calibre is highly respected worldwide as a specialist manufacturer of image processing technology with 21 years (1988-2009) of experience. Calibre continues to evolve its product range and make further technical advances in the broadcast, ProAV, aerospace, defence, medical and industrial markets through the innovative use of modern technology. Utilizing its own in-house hardware and software design teams for all product development including OEM programmes.

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