

Press Release

See Calibre at InfoComm 2011, Booth # 3071, 15-17 June, Orlando, FL

Scale, warp and blend 2D & 3D content: Calibre UK brings innovations to InfoComm 2011

23-year established manufacturer set to demonstrate industry's largest HQView image processing range and 3D image processing

Bradford, UK, 15-17 June 2011 – From the green landscape of Yorkshire to sunny Orlando, Calibre UK returns to InfoComm 2011 with its biggest ever line up of high-quality image-processing products. The company will showcase their range with master representative Marketing Specialists on booth #3071.

“Our products and their proprietary technologies are expertly designed with the integrator and user in mind. Visitors to the show will witness the company’s flagship image warp processor that’s upgraded for accurate passive 3D processing, HQView™ video scaling and scan converting as well as LED video wall processing. In support of our products, we will be hosting hourly dedicated education sessions on our stand offering advice and support for our partners,” says Tim Brooksbank, Chairman at Calibre UK.

HQView universal video scalers and scan convertors

Unmatched by any other image processing manufacturer, Calibre’s HQView range encompasses no more than 13 editions enabling integrators to perform scaling, switching, scan conversion, up, down and cross conversion, edge blend, geometry correction and warp mapping of projected images on to almost any surface.

InfoComm forms the North and South American preview and launch of the latest versions of three models of the HQView universal video scalers, switchers and scan convertors (HQView520, HQView500S and HQView400S).

All new three HQView models accept a wide range of HD, SD & Computer inputs including 3G-SDI/HD-SDI, DVI, HDMI, YPbPr/RGBS, VGA/RGBHV, S-Video, Composite PAL NTSC & SECAM. Some models 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.

Harnessing the power of LED video wall processing

Offering extremely high-quality, low latency image processing at a very competitive price point, the company's LEDView510 and LEDView400 LED video wall processors bring excellent image quality to LED screens and a wide range of applications.

Harnessing the power of the Reon video processor from IDT, the LEDView400 runs state-of-the-art HQV algorithms with expertly designed hardware and firmware from Calibre, ideal for digital signage, public information and high school sports ground LED displays.

The LEDView510 is a flexible routing switcher and interface for connecting LED screens to almost any HD and SD video source. The LEDView510 takes the feature set of that product and adds a number of key enhancements, most notably a multiple-unit mode with auto-zoom functionality. This allows several LEDView510s to be connected together, each powering its own LED screen. A huge wall of up to four screens high by four screens wide can be created, with a maximum screen resolution of 7680 x 4800. With low latency and genlock capability, LEDView510 is ideal for rental/staging hire fleets and for in-camera use on TV sets and at large sports grounds.

For optimum inventory utilisation on hire fleets, LEDView510 now can be switched into a projector mode which includes the warp and blend capabilities of HQView520, so can be used for LED or projection displays as required.

Passive 3D processing and image warping to boost 3D applications

The latest version of Calibre UK's PVProHD-IW Image Warping video processor/scaler – a product destined to improve the technical and commercial prospects for dual-projector passive 3D in cinema, themed attraction applications.

The PVProHD-IW works by extracting left or right eye data automatically from 3D HDMI content and is compatible with BluRay and set-top-box 3D formats, converting it to the native resolution of the projector and warping it to suit the screen shape and to align with the second projector. This is all undertaken by one processor per projector, a Realta scaling engine with up to 1024-tap video filtering ensuring exceptionally high image quality, even on very large cinema screens.

The latest version of the PVProHD-IW can extract left and right projector images from all mandatory HDMI 1.4 3D formats, while alignment of pre-separated left and right eye content provided over DVI or HDSI from media servers is also supported.

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About Calibre

Calibre is highly respected worldwide as a specialist manufacturer of image processing technology with 23 years (1988-2011) 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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