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Integrator Solutions

9. Calibre Launches Realta HQV-Powered Home Theater Video Scaler and Switcher

Calibre has a new Vantage-HD Home Theater video scaler and switcher, powered by the Silicon Optix Realta HQV video processing engine.

The Vantage-HD is a scaler and a switcher, with a range of inputs and outputs and able to switch between different audio-visual sources without the need for a separate switcher. The switching capabilities are integrated into the system by way of an on screen menu, controlled by remote or by an RS-232 serial link for use with third-party control systems.

The base input configuration is 2x HDMI with support for up to 8-channel digital audio, HDCP capability and backward capability with DVI, 2x composite video and 2x component analog video for YpbPr or RGBS SD, ED or HD signals compatible with 480i (NTSC), 576i (PAL/SECAM), 480p, 576p, 720p and 1080i as well as 1080psf. Additional options include 2 x HDMI expansion board and an HD-SDI expansion board with single or dual port inputs, available during 2006.

The Realta HQV features 10-bit processing, automatic multi-cadence detection, and four-field per-pixel de-interlacing, a high quality HD de-interlacing process. Instead of discarding half the resolution, and just doubling the lines (a shortcut that many video processors take today), the company says HQV processes all 2 million+ pixels in both odd and even fields of a 1080i signal.

Calibre's Vantage-HD Home Theater video scaler and switcher has an MSRP of \$2,899 and is shipping now.

For more information, go to <http://www.calibreuk.com/documents/Silicon%20Optix%20Realta%20Press%20Release.pdf>

