

## **New *Vision-Eye* H.264 Video Security Package from Kane Computing Ltd**

Northwich, Cheshire, 21<sup>st</sup> August 2007. Kane Computing have today launched two new products, DS-4000HCI-VSP and DS-4000HCI-VSS under their *Vision-Eye* label. These products enhance the usability of the DS-4000HCI range of H.264 PCI encoder boards that KCL sell by providing them with integrated PC video server software to create a complete 'out of the box' video security monitoring system.

The *Vision-Eye* Video Server Package (DS-4000HCI-VSP) bundles the DS-4000HCI H.264 PCI encoders with the new Video Server Software (VSS), which includes PC-DVR function; flexible event management; video over HTTP; pan, tilt and zoom; remote control; streaming of JPEG and much more.

The *Vision-Eye* Video Server Software (DS-4000HCI-VSS) can also be licence separately for users who already have DS-4000-HCI hardware.

The *Vision-Eye* Video Server Package has powerful, state-of-the-art hardware-based H.264 video encoding, with OggVorbis audio resulting in smaller file sizes, lower network bandwidth usage and better-quality footage than older technologies such as MPEG2 and MPEG4.

The PC-DVR software includes control of hard disk consumption and storage across up to 8 separate hard disk partitions or network drives. Users can specify whether to stop recording, or automatically overwrite oldest stored footage when a disk becomes full or reaches a pre-determined volume.

It has fully-configurable motion-detect recording with multiple detection zones, adjustable sensitivity and day/night motion compensation. Fully configurable recording and streaming properties means users can choose from ultra-low-bandwidth QCIF (176x288) video, right up to high-quality, full-motion (25fps PAL/30fps NTSC), full D1 (704x576) quality video at up to 4Mb/sec.

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Video from any camera can be configured to record at one rate, stream across a network at another, and provide JPEG images simultaneously. A flexible event-management system allows users to configure any number of actions to take place whenever a pre-determined event occurs, such as sending an e-mail containing JPEG snapshots or video/audio footage, play sounds or music files, or run programs whenever a given event occurs.

Integrated biometric support allows logging on to the server using fingerprint authentication. USB fingerprint devices from Digent and Suprema are currently supported. It has an integrated web-server management of the DVR Server remotely from any computer with a web-browser. It is possible to view live or recorded video from Internet Explorer using ActiveX technology, or view live JPEG video from any platform (Mac OS X, Mozilla Firefox under Windows and Linux, Internet Explorer under Windows).

Using the freely-distributable ActiveX control for Internet Explorer, live video can be streamed over a standard HTTP connection using the unique Video-over-HTTP facility. This allows seamless video transport across the vast majority of corporate firewalls and proxy servers without invoking complex configuration issues.

A CD or DVD can be created with four clicks of the mouse, entirely from within the server application ready for playback on any Windows PC.

VSS has full computer-controlled support for Pan, Tilt and Zoom cameras using standard RS232, RS422 or RS485 protocols.

### **About Kane Computing Ltd**

KCL has been providing Image Processing, DSP and high performance computing products for use in industry, education and research since 1987. KCL started life as Sension Advanced Computing, designing, manufacturing and supplying parallel processing products based around the Inmos transputer. In 1995 it became part of Kane International Ltd and subsequently changed its name to Kane Computing. In October 2001 Kane Computing became an independent Company. KCL is a member of TI (Texas Instruments) third party network and is now regarded as the primary source of fully supported development tools for Texas Instruments series of DSPs in the United Kingdom. KCL provides a whole range of products based around Texas Instrument's TMS320 range of DSP's. This includes starter kits, development systems, application boards and emulators. KCL has a policy of continual improvement and operates its business in accordance with the requirements of ISO9001:2000.

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