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FOR IMMEDIATE RELEASE

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Z3's latest 1080p H.264 HD Player based on TI's TMS320DM36x platform provides a video player system for the embedded security market

Northwich, Cheshire, UK, 12th July 2010 – Kane Computing Ltd (KCL) are now providing the latest in low power multimedia technology products from Z3 Technology, the Z3-MVP-01 Multi-format Video Player, a compact 120mm x 130mm x 22mm box system that supports H.264 up to 1080p at 30 frames per second (fps) decode from stream or playback from storage. This solution works in applications such as Low Bandwidth Video Security, Embedded Digital Video Recorder (DVR), Network Video Recorder (NVR), Network Video Monitor and Industrial Applications. Based on the TMS320DM36x DaVinci™ video platform from Texas Instruments Incorporated (TI), Z3's Z3-MVP-01 provides customers with immediate access to multi-format HD video, integrated system peripherals and production qualified codecs so customers can provide low cost, video-driven products in a much smaller form-factor. With Z3's 1080p multimedia systems, customers can release their product immediately to market.

Based on the DM36x platform that offers pixel-perfect images and multi-format, multi-channel HD video up to 1080p30, the Z3-MVP-01 features its unique multimedia-on-module approach and interface allowing customers to quickly integrate their IP Camera System for full 1080p30 performance without the latency and performance degradation of a PC platform.

"Z3-MVP-01 offers a robust multimedia embedded system in a compact form-factor. Next-generation streaming products require low-power 1080p H.264 performance. Z3's Z3-MVP-01 is derived from Z3's Z3-DM36X-RPS (Rapid Product Design System) and provides 1080p30 video performance," said Aaron Caldwell, CEO Z3 Technology.

Z3-MVP-01 is immediately available in a compact 120mm x 130mm x 22mm box and includes an SD card, USB interface, Ethernet interface and Composite, Component and HDMI outputs.

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“With increased market demand for megapixel IP Cameras, our customers are looking for leading solutions providing full HD decode and playback,” said Cyril Clocher, Video Business Manager of Texas Instruments. “This solution from Z3 helps meet those needs for the video security market while removing latency and performance degradation that occurs in software-based solutions.”

Other products recently announced by Z3 include the Z3-MVE-01 which can encode HDMI video into H.264, 1080p RTP stream which can be then decoded by the Z3-MVP-01. The Z3-MVPR-01 is a high definition, low cost network enabled media player and recorder that can also encode analogue video (1080p) and store on built in SD card.

About Kane Computing

KCL (www.kanecomputing.co.uk) has been providing Image Processing, DSP and high performance computing products for use in industry, education and research since 1987 and is a Texas Instruments Third Party Partner specialising in consultancy and advice on TI development tools/platforms and image processing applications. KCL have extensive knowledge and experience of providing video compression solutions for many industries particularly for digital video security and high quality broadcast applications. KCL has a policy of continual improvement and operates its business in accordance with the requirements of ISO9001:2008.

About Z3 Technology

Z³ (pronounced Z-cubed) (www.z3technology.com) provides a unique combination of technical innovation and product design experience as well as the latest in low power multimedia technology solutions and products. Z³ supports ODM/OEM requests by guiding your team through the design and development process in addition to providing international expertise to leverage our off-shore factory to manufacture economical, high-quality products. Z³'s goal is to provide our customers a flexible product and services to exceed market requirements at reasonable cost. Z³ is able to execute this mission by utilizing our technical strengths and the combination of our on/off-shore development teams to provide unique, on-time high quality products.

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