



## PRESS RELEASE AUGUST 2009

### Tiny MPEG compression board supports ARM platforms

**New York, NY and Cambridge, England – August, 2009.** The microMPEG4 from Advanced Micro Peripherals is a sub credit-card sized, 4-channel MPEG-4 video compression module based on the 32bit mini PCI form factor. The microMPEG4 provides a low power, high performance solution for capturing and compressing up to 4 concurrent live analog video and audio inputs to full D1 resolution using MPEG-4. The



microMPEG4 can also decompress and playback recordings from storage to display and offers an additional incoming live video path for simultaneous preview on the host screen.

The microMPEG4 is ideal for space constrained and deeply embedded, long life video applications. The microMPEG4 is now supported with Linux drivers for ARM platforms as well as standard x86 systems making it suitable for platform solutions using Intel's IXP4xx family of ARM/XScale network communication processors. The

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combination of these Intel ARM compatible solutions and the microMPEG4 enables developers to create powerful monitoring solutions with resilient, fully encrypted network communications.

For surveillance and monitoring applications, the microMPEG4 enables text and simple graphics overlays to be combined with the live video for both preview and compression. The supplied SDK enables data such as camera identification, date/time, location data and frame numbers to be easily added to the video image.

The microMPEG4 is supported by a suite of drivers for PC based Windows 2000/XP, Linux and QNX systems along with Linux drivers for ARM platforms - the standard video recording SDK and sample applications are supplied free with the module. AMP also offers a Video Streaming SDK to enable the compressed video to be streamed over an IP network.

The board can be optimized for specific application needs by balancing the number of channels used against the image size and frame rate. The board also features motion detection and a babysitting mode in which recording of incoming video is initiated only when a motion event occurs within the field of interest. This minimizes storage requirements and demands on operators' concentration.

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**About Advanced Micro Peripherals** ([www.amp-usa.com](http://www.amp-usa.com))

Advanced Micro Peripherals is a leading manufacturer of embedded video solutions - offering the latest MPEG-4 / H.264 codecs and video overlay / annotation technologies on a wide range of embedded board form factors including PC/104-*Plus*, CompactPCI, PCI and miniPCI modules. Founded in 1993, AMP is focused on rugged, long-life embedded board products and supporting software development kits for video capture, annotation, display and recording. From its design center near Cambridge (UK), AMP also offers Design Services to meet the needs of specialized customer requirements.

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