FOR IMMEDIATE RELEASE,

InnoCodec Releases New H.264 Encoder and Decoder Codec Customized for Multichannel DVR & VMS applications

100% increased performance compared to x264 codec on multi camera environment

Seoul, Korea (September 20, 2010) – InnoCodec[www.innocodec.com], the codec division of Innodep Inc., and one of the leading codec manufacturer specializing on H.264(H264, AVC, or MPEG-4 part10) software based encoding and decoding technology for SD, HD and full HD resolutions, today announced the release of Open264-VR codec. This new Open264-VR enables higher channel loading per CPU by optimizing memory bandwidth and can encode and decode multiple analog video data simultaneously.

By optimizing memory bandwidth usage for higher performance, Open264-VR can simultaneously encode and decode up to 16 channels of D1(720x480) resolution on i5 750CPU. Of course recent faster CPU will show higher channel loading. Open264-VR is a paired solution which has both Encoder and Decoder customized for each other, and shows 100% increased performance compared to x264 codec on multichannel applications.

Key features of Open264-VR :

- 100% increased performance compared to open codecs such as x264 on multi-channel applications.
- Simultaneously encode and decode up to 16 channels of D1(720x480) resolution on i5 750 CPU.
- Can watermark selected camera or video stream for future reference.
- Optimized H.264 codec for multi-channel platforms such as DVR and Capture boards.
- Optimized memory bandwidth usage for higher performance.
- 1~1.5Mbps file size image quality for D1(720x480) resolution.
- Supports Direct Show filter for encoder and decoder
- Supports VBR and CBR technology.
- Supports i-frame interval control

- Supports Baseline profiles.

"Multi-channel loading environment such as Digital Video Recorder(DVR) and DVR capture board applications are a very different market compared to broadcasting market," said Mr. Grant LEE, CEO of Innodep Inc. "Real-time, stable, live stream video is critical due to the nature of the security industry, but maintaining high image quality for verification, good compression rate for high speed data transfer, while optimizing the memory bandwidth was a real challenge."

InnoCodec also provides Open264-HR, which is a H.264 Encoder and Decoder package for Full HD resolution, and Open264-D, which is a specialized H.264 Decoder package for DVR and VMS(Video Management Solution) applications. Additional product information can be found from the company web page www.innocodec.com.

Evaluation SDK is provided free for engineering purposes, and will receive full time support. All InnoCodec products get free unlimited additional customization support. Contact sales@innocodec.com or innocodec@gmail.com for demo programs or an evaluation SDK. Open264-VR supports all Windows® platforms.

About InnoCodec

InnoCodec, the codec division of Innodep Inc., is one of the leading codec manufacturer specializing on H.264(H264, AVC, or MPEG-4 part10) software based encoding and decoding technology for SD, HD and full HD resolutions.

InnoCodec serves diverse market segments including the Security, Surveillance, Broadcast, Digital Signage and Industrial markets by providing a superior H.264 encoding and decoding codec formats. Key markets served by the Open264 series are video surveillance and security markets where live stream video for DVR(Digital video recording) and higher number of video channel handling with low CPU resource is critical. Whether it is a multi-camera corporate security solution, a DVR solution, a Video Management Solution(VMS) or a secure teleconferencing application, InnoCodec has the solution.

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