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New H.264 Codec Decodes up to 64 channels of D1 at 30fps from InnoCodec

Optimized codec for 16, 64, 128, or unlimited ch Video Wall & VMS/CMS

Seoul, Korea (March 7, 2011) – [InnoCodec](http://www.innocodec.com)[www.innocodec.com], the codec division of Innodp 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-SD](#) codec. This new Open264-SD enables higher channel loading per CPU by optimizing memory bandwidth and can decode up to 64 channels of D1 resolution video simultaneously.

Open264-SD is a H.264/AVC video decoding codec optimized for multi-channel video decoding such as DVR(Digital Video Recorder), Video Wall, CMS(Central Management Software) and VMS(Video Management Solution). Open264-SD optimizes memory bandwidth usage and utilize multi-core CPU structures to enable higher performance and can simultaneously decode up to 64 channels of D1(720x480) resolution on i7 CPU. If you use quad core or a higher power CPU, you will get better results. Open264-SD additionally has a high speed image scaling functions to enable fast and easy decoding and displaying of the multi-channel H.264/AVC video files. Open264-SD will show better performance as you handle higher number of total pixels. Therefore, with Open264-SD, you can easily handle HD and Full HD resolutions or higher number of channels.

Key features of Open264-SD :

- 100% ~ 50% increased performance compared to FFMPEG
- Decodes up to 64 channels of D1(720x480), real-time(30fps) on i7 CPU
- Scaling engine enable better performance as you handle higher number of total pixels
- Optimized codec for 16, 64, 128, or unlimited ch Video Wall & VMS/CMS
- Compatible to every H.264 standards & Entirely GPL free

“Up to this point, you could not see more than 20 ~30 channels of D1(720x480) resolution videos at 30fps from one system due to hardware limitations.” said Mr. Grant LEE, CEO of Innodep Inc. “Using Open264-SD, you can now see up to 64 channels of D1 resolution videos at real-time. This will significantly affect the industry to lower the hardware cost since they can now see more channels with a lower budget CPU.”

Demonstration file can be downloaded free from <http://www.innocodec.com/DemoFile.html>
Evaluation SDK is provided free for engineering purposes, and all InnoCodec products get free unlimited additional customization support. Visit ISC West 2011 in Las Vegas Convention Center booth #2051 from April 6th~8th to meet with us. Contact sales@innocodec.com or for an evaluation SDK. Open264-SD supports all Windows® platforms. Additional product information can be found from the company web page www.innocodec.com.

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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