

Videon Central Announces a New Decoder Module for Global AV Applications

Videon's new decoder module combines our Avia software with the Intel Atom Processor CE5300 to create a high performance decoder for AV workflows.

STATE COLLEGE, PA, USA, September 8, 2014 /EINPresswire.com/ -- State College, PA, September 8, 2014 -- Videon is proud to announce a new semi-custom decoder module to be released during this year's International Broadcasting Convention (IBC), scheduled for September 11-15 in Amsterdam. The module highlights Videon's software and hardware technology along with Intel's high quality media processor to create a product that will support infocomm and broadcast workflows, as well as automotive and aviation applications.

The module uses Videon's [Avia AV Framework](#). Avia is a software solution

The Videon logo features the word "videon" in a lowercase, sans-serif font. The letter "o" is stylized with a small orange triangle pointing to the right, positioned above the top curve of the letter.

that interfaces to numerous SoC processors to move media between a wide variety of source and destination devices. With Avia, the powerful Intel® Atom™ Processor [CE5300](#) can be incorporated into any AV workflow, accommodating baseband and compressed video, IP and other connections.

The CE5300 is a dual-core media processor with high performance graphics. Its 32nm process technology allows for lower power at higher frequencies and provides general purpose processing for AV applications. Additional features include:

Dual Intel® Atom™ core with Hyper-Threading and Virtualization Technology

Enhanced 3D Gfx GPU & dedicated 2D graphics accelerator

eMMC 4.4 NAND Flash Interface

Dual MPEG2/H.264 HD video decode

H.264 HD video encoder with B-Picture capability

Expansion: 2xPCIe, 2xSATA/eSATA, 3xUSB, 1xRGMII, up to 4 Transport Stream inputs

The module decodes MPEG2/H.264 video data, making it ideal to add compressed video to broadcast and infocomm applications. Moreover, since the Intel chip allows such a small form factor and low power consumption, the modules can be used in a wide variety of equipment types.

Videon VP Scott Kovesdy explains, "This module will give our customers a cost-competitive decoder

solution with the latest technologies, like IP streaming and H.264 video playback. We're very pleased to have Intel technology in a Videon product. Together, the CE5300 and Avia AV Framework make for a highly-capable, highly-customizable device."

Pre-orders will be taken at <http://store.videon-central.com/> during IBC.

About Videon

Videon develops products for automotive infotainment, in-flight entertainment and the global AV industry that simply, quickly and cost-effectively move digital media. With over 30 million devices using our streaming media, DVD and Blu-ray technology, Videon is a proven partner and supplier to the world's leading technology companies. Based in State College, Pennsylvania, Videon Central, Inc. was founded in 1997 and is a privately held company.

For more information, please visit <http://videon-central.com> or call +1 (814) 235-1111.

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