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Immediate Release

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NAB Booth SU2709

DVEO's New Fujitsu® Chipset Based H.264 SD and HD Broadcast Encoder to Debut at NAB 2010

HCoder ASI/IP™ Features HDMI, SDI, HD-SDI, and YPrPb Input, HDCP Pass Through, and Simultaneous Dual DVB-ASI and 1 GigE IP Outputs

San Diego, California -- DVEO, the broadcast division of Computer Modules, Inc. (CMI), will introduce their new broadcast grade H.264 high definition or standard definition encoder next month, at the NAB (National Association of Broadcasters) Show, April 12-15, in Las Vegas, Nevada, in Booth SU2709.

Designed for broadcasters and content providers, the HCoder ASI/IP™ supports both H.264 HD and SD encoding, with automatic standards detection and simultaneous dual ASI outputs and GigE IP output. The input can be HDMI, SDI, HD-SDI, component analog (YPbPr), or CVBS.



**H.264/AVC Encoder –
HCoder ASI/IP™**

The HCoder ASI/IP features SD to HDTV resolution up to 1920 x 1080 x 60i/50i. The unit includes LCD front panel controls and head-end management software. Audio encoding is MPEG-1 Layer-II with optional Dolby Digital AC-3 passthrough or optional AAC.

H.264, also known as MPEG-4 Part 10, or MPEG-4 AVC, uses less than 60% of the bandwidth as MPEG-2, but delivers the same quality of video. It is now the preferred method for delivering high definition video for cable, satellite and telco TV.

“Our HCoder ASI/IP H.264 encoder will begin shipping in April, around the NAB timeframe,” noted Laszlo Zoltan, Sales Manager for DVEO. “Because it accepts HD and SD input, plus input from low cost HDMI cameras, it is extremely versatile. We recommend it to our customers for backhaul applications and electronic news gathering. It is also ideal for sending HD or SD video via private IP networks.”

The HCoder ASI/IP H.264 encoder is based on advanced Fujitsu® encoding chipsets. Other useful features of the HCoder ASI/IP include IP unicast and multicast support, HDCP support for the HDMI input (for content protection), and a latency of approximately 500 milliseconds. A matching decoder, the Virenza™, is also available.

Supplemental Information for Press Release

Features

- Input: HDMI (supports HDCP), SDI, HD-SDI, YPbPr, or CVBS
- Output: Two identical ASI outputs and 1 GigE IP output (Simultaneous)
- Supports both H.264 HD and SD encoding with auto detection
- Supports IP unicast and multicast
- Supports SI (SDT) and edit function
- Real-time HDTV video & audio compressions
- Fully compatible with H.264/ MPEG-4 AVC encoding
- Supports H.264 High Profile @ Level 4.0 (HP@L4)
- Resolution up to 1920 x 1080 x 60i/50i
- MPEG-1 Layer II audio encoding
- Supports HDTV input formats SMPTE-274M/ SMPTE-296M-2001, ITU-R BT.656
- Supports IP output UDP protocol as well as ASI output
- Supports VBR or CBR
- Audio Input: Analog, SDI Embedded, or HDMI
- Optional Dolby Digital AC-3 pass through

- Configure and operate via front panel controls or remote management
- HDCP passthrough
- MPEG LA licensed
- Boots up in approximately 35 seconds
- Matching decoder available (Virenza™)
- Coming soon – optional 1080p support

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Suggested Retail Prices:

HCoder ASI/IP H.264 encoder – \$6,995 U.S.

HCoder ASI/IP H.264 encoder with optional AC-3 passthrough – \$8,995 U.S.

HCoder ASI/IP H.264 encoder with optional AAC audio – \$7,995 U.S.

About CMI and DVEO

CMI, founded in 1982, is a privately held company headquartered in San Diego, California. DVEO, the Broadcast Division of Computer Modules, Inc., sells digital video and high definition television (HDTV) products to the top television broadcast companies throughout the world.

For more information on CMI and DVEO, please contact Rebecca Gray at +1 (858) 613-1818 or rebecca@dveo.com. To download DVEO's press releases and product images, visit the news section at <http://www.dveo.com/>.

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