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## Immediate Release

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IBC Stand 3.136

### **DVEO to Demonstrate Low Latency High Definition MPEG-2 4:2:2 Encoder at IBC 2007**

**NCoder HD™ With IP Output Has Been Nominated as a  
Finalist in the 2007 Streaming Media Readers' Choice Awards**

**San Diego, CA** -- DVEO, the broadcast division of CMI, will demonstrate their low latency, high definition MPEG-2 transport stream encoder, NCoder HD™, at the International Broadcasting Convention (IBC) in Amsterdam, September 7-11, at Stand 3.136. DVEO is also proud to announce that NCoder HD has been nominated for the 2007 Streaming Media Readers' Choice Awards.

NCoder HD compresses HD-SDI video from HD cameras in near real time. It combines very low latency with IP output (RTP or UDP), DVB-ASI output, or simultaneous DVB-ASI and IP



**NCoder HD™**

output. The normal latency mode is 120 milliseconds, and the low-delay mode is 60 milliseconds. NCoder HD encodes 1080i, 1080p, 1080psf, or 720p HD.

The NCoder HD can stream HD content over IP to multiple locations, using IPTV set top boxes (STB's) linked to HD televisions or monitors. The NCoder HD sends IP output to the STBs, which decode it to HD.

HD delivers sharp, high resolution video that is ideal for detailed images. And the wider aspect ratio of HD (16:9 versus television's 4:3) displays a larger area, and provides more data in remote monitoring applications.

"The NCoder HD with IP and ASI output delivers HD with very low latency. It's perfect for electronic news gathering, HD videoconferencing, HD movie previews, and military video surveillance," stated Al Delir, Technical Support Manager for DVEO. "And we're very excited that the NCoder HD was nominated for Streaming Media's first annual Readers' Choice Awards." Award winners will be announced in the October/November issue of Streaming Media magazine.

The NCoder HD is easy to manage with front panel controls or remote web-based management. It is Linux® based and features MPEG-1 Layer-II audio encoding and stereo audio bit rates to 384 Kbps.

## Supplemental Information for Press Release

### **Features**

- MPEG-2 4:2:2 or 4:2:0 video compression: 15 to 100 Mbps
- Input: HD-SDI
- Output: DVB-ASI, IP (UDP or RTP), or simultaneous DVB-ASI and IP, in one system
- Low Latency
  - o Normal mode of 120 milliseconds
  - o Low-delay mode of 60 milliseconds
- Compatible with both PAL and NTSC
- MPEG-1 Layer-II audio encoding
- Accepts all three types of HD content -- 1080i, 1080p, and 720p
- Stereo audio bit rates to 384 Kbps
- Audio sampling rates: 32K, 44.1K, and 48K samp/sec

- LCD front panel control
- Remote web-based management
- Fully compliant with the latest DVB standards
- New Option -- Operation from flash drive for fast and reliable operation in rugged environments

**Supported Network Interface:**

- Two IEEE 802.3 1000/100/10 Base-TX Ethernet interfaces (RJ-45)
- Configuration and Monitoring on either interface

*DVEO and NCoder HD are trademarks of Computer Modules, Inc.  
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**Suggested Retail Prices:**

Ncoder HD with DVB-ASI and/or IP Output – \$25,000 U.S.

**About CMI and DVEO**

CMI, founded in 1982, is a privately held company headquartered in San Diego, California. DVEO, the recently formed 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@computermodules.com](mailto:rebecca@computermodules.com). To download DVEO's press releases and product images visit the news section at <http://www.dveo.com/>.

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