

Contact: Rebecca Gray
Marketing Manager
DVEO division of Computer Modules, Inc.
858-613-1818
rebecca@computermodules.com

Immediate Release

September 5, 2006

IBC Stand 3.136

DVEO to Demonstrate Competitively Priced Low Latency High Definition MPEG-2 4:2:2 Encoder at IBC Show in Amsterdam

**NCoder HD™ Targeted at Sports, Military,
and HD Videoconferencing Applications**

San Diego, CA -- DVEO, the broadcast division of CMI, will demonstrate their new low latency, high definition MPEG-2 transport stream encoder, NCoder HD™, at the International Broadcasting Convention (IBC) in Amsterdam, September 8-12.

NCoder HD™ compresses HD-SDI video from HD cameras in near real time, and encodes it for transmission over satellite uplinks or cable networks. It

encodes 1080i or 720p HD and features very low latency – a normal mode of 120 milliseconds, and a low-delay mode of 60 milliseconds.



NCoder HD™

Standard definition, or resolution, MPEG-2 encoders start with 704 pixels x 480 lines, and High Definition video encoders start with 1920 x 1080 lines digital video. The encoded or compressed output is sometimes at a lower resolution such as 720p, or 1280 x 720 pixels.

“Our NCoder HD can encode or compress uncompressed high definition content to either standard, plus others,” stated Al Delir, Technical Support Manager for DVEO. “Our unique difference from the others, however, is our ‘low latency’. This means that we do the compression in less time and thus provide a low latency.”

The NCoder HD is targeted at certain organizations that need low latency but still require high definition. Such organizations include:

1. Sports Broadcasters: On site HD distribution systems at NASCAR races, baseball games, and football games need a real time content distribution system. NCoder HD finally offers that.
2. HD Videoconferencing: Videoconferencing relies heavily on viewing human gestures and expressions. Having HD allows every party a better face-to-face experience.
3. Military: Video surveillance is now commonplace in military applications. A compressed HD feed provides a lot more data and makes any mission more valuable.

The NCoder HD is an easy to manage front panel controlled appliance that can also be managed remotely. It is Linux® based and compatible with the PAL or NTSC video formats. DVEO is developing a future portable version that will be powered by a 12-volt battery pack supply.

Supplemental Information for Press Release

Features

- MPEG-2 4:2:2 or 4:2:0 video compression: 15 to 100 Mbps
- HD-SDI input
- DVB-ASI output
- Low Latency
 - Normal mode of 120 milliseconds
 - 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
- Fully compliant with the latest DVB standards

Specifications

Supported Network Interface:

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

System:

- Reliable Linux® design is always on when powered up

*DVEO and NCoder HD are trademarks of Computer Modules, Inc.
All other trademarks and registered trademarks are the properties of their respective owners.*

Suggested Retail Prices:

NCoder HD with DVB-ASI Output – \$21,995 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. To download DVEO's press releases and product images visit the news section at <http://www.dveo.com/>.

DVEO, 11409 West Bernardo Court, San Diego, CA, 92127
Web: www.dveo.com phone: +1 (858) 613-1818, fax: +1 (858) 613-1815