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## Immediate Release

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# DVEO Launches DVB Master LP FD™ at NAB 2006

## Low Profile DVB-ASI Card Transmitter and Receiver

**San Diego, CA** -- DVEO, the broadcast division of CMI, will introduce the newest addition to their DVB Master™ product line at NAB. Designed for broadcasters and content providers, DVB Master LP FD receives, processes, and re-transmits MPEG-2 transport streams. DVB Master LP FD is a “low profile” PCI card for low profile computer systems.

DVB Master LP FD features black burst sync input for PAL or NTSC video formats. Its advanced receiver capabilities include unlimited PID filtering, synchronization of incoming transport Stream (TS) packets, auto size detection and TS code stripping.



DVB Master LP FD™

The transmitter capabilities include extra fine stuffing control (Fine Tuning), the ability to add sixteen – 0x00 bytes to 188 byte packets, and an external transmit clock with black burst sync input. (Black burst synchronizes the video signal between transmitters and receivers so the picture and audio transfer smoothly.)

Laszlo Zoltan, Sales and Marketing Manager for DVEO, stated, “With this feature-rich low profile card, our customers can create very powerful workstations that can process transport streams ‘on the fly’ for applications such as broadcasting, cable TV, satellite links, video servers, and distance learning.”

The DVB Master LP FD ships with a crystal-controlled oscillator with a clock accuracy of  $\pm 25$  ppm. An optional High Stability Oscillator is available.

Driver software for the DVB Master LP FD is available for Windows 2000, Windows XP, QNX, Windows NT 4 and Linux. The source code is available for the Linux driver.

## Supplemental Information for Press Release

### Features

- 270 Mbits/sec DVB ASI transmitter and receiver on one card
- Low Profile PCI card form factor
- Drivers for Windows and Linux
- Windows 2000/NT/XP/Linux/QNX/BSD support in API
- 33 MHz 32-bit, 3.3 V PCI Interface
- DVB-ASI input and output
- External clock input via NTSC or PAL black burst signal
- Firmware controlled support for bypass mode
- “Snoop” function allows access to input data while in bypass mode
- Watchdog timer
- Software readable, unique serial number on each board
- Firmware is field upgradeable
- Software selectable transmit clock source
- Compliant with DVB standard A010 Rev1 and EN 50083
- LED status bits for Tx, Rx, Sync, and Carrier
- Accurate 25 PPM clock standard

- Automatic Null Bit Insertion
- Scatter Gather DMA
- Hardware PID filtering
- Packet Arrival Time Stamping

## Configuration Options

- DVB Master LP FD Standard board
- DVB Master LP FD Standard board with long bracket
- Optional high stability oscillator with less than 2.5ppm drift, meeting ATSC specifications
- Customizability – DVEO can add custom features for application requirements

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**Suggested Retail Price:** DVB Master LP FD -- \$1,395 U.S.

## About CMI and DVEO

CMI, founded in 1982 by Laszlo (Les) Zoltan, 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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