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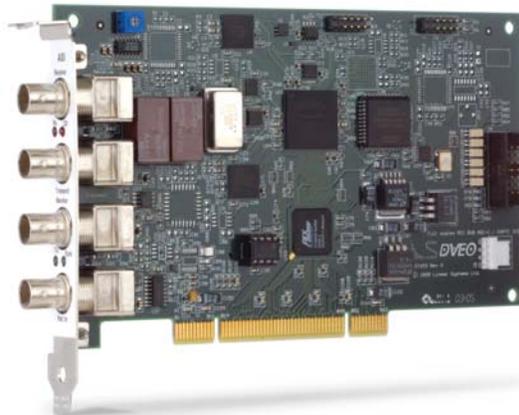
August 15, 2005

DVEO DEMONSTRATES DVB MASTER II FD™ at IBC 2005

**DVB Master II FD is a Dual-channel, Redundant Output, DVB-ASI
PCI 2.2, Send and Receive Interface Card, with Accurate Clock,
Jitter Management, Packet Arrival, Time Stamping, Unlimited PID
Filtering and Optional Secondary Input.**

San Diego, CA - DVEO, the broadcast division of CMI, will demonstrate the DVB Master II FD, which was introduced earlier this year at NAB 2005. The DVB Master II FD is totally updated with many new features designed to enhance its role in high performance video processors and servers.

The new features are offered to enhance reliability of the television signal integrity in case of power failure or loss of signal. Via a mechanical relay that can bypass the circuitry on power failure, and via its secondary input and capable watchdog timer, this card can make decisions about the quality of signal it is receiving and avoid harming the input signal. This makes it ideal for demanding broadcast applications where signal integrity is paramount.



“The DVB Master II FD is our second-generation Full Duplex DVB-ASI card. It has many features required for highly critical systems deployed in on-air applications. The number of innovations implemented in this card makes it truly a ‘high availability’ design,” stated Les Zoltan, Sales Manager for DVEO. “With this new design the PC can become the platform of choice for many mainstream applications such as Electronic Program Guides, Data Encapsulators, or video servers. With the incorporation of state of the art redundancy features, the DVB Master II FD can be used for on-air applications that used to require much more expensive solutions,” Zoltan went on to say.

The advanced features of the DVB Master II FD provide other hooks to allow easier real-time processing of the transport stream by the host computer. The input section has features including unlimited PID filtering, synchronization of incoming Transport Stream (TS) packets, auto size detection and TS code stripping. The transmitter section features include extra fine stuffing control (Fine Tuning), the ability to add 16 - 0x00s to 188 byte packets and an external clock input. The external clock input is important for applications that need to control the transmission to ATSC standards or to synchronize to a station clock. An extra cost clock option is available for this card. The transmitter function has an option for a high stability oscillator with less than 2.8ppm drift, meeting ATSC specifications. This is useful for applications such as bridging between ATSC and DVB transmission standards.

Integration of both transmitter and receiver on the same card gives a one-slot solution for most DVB processing applications. An input MPEG-2 TS can be received, processed and re-transmitted in real time by the host system making it ideal for many broadcast, data casting and monitoring applications.

Features

- Backward compatible with the DVB Master FD
- Drivers for Windows and Linux
- 33/66 MHz 32-bit, 3.3/5 V Universal PCI interface
- Two DVB ASI inputs; Primary BNC and optional secondary input via header
- Primary or secondary input selection is software controlled
- Two buffered ASI outputs
- Signal quality sensing support in hardware
- External clock input via NTSC or PAL black burst signal

- Optional mechanical relay by-passes primary input to primary output on power failure
- Firmware controlled support for bypass mode
- “Snoop” function allows access to input data while in firmware by-pass mode
- Control Interface port
 - 6 General purpose optically isolated inputs
 - External override input for the mechanical by-pass relay
 - Status output for firmware loop back
 - Rx and Tx status indicator outputs
 - One general purpose control output
- Watchdog timer based on a 40 MHz 32-bit counter
- Software readable, unique serial number on each board
- Firmware is field upgradeable
- Software selectable transmit clock source
- Optional high stability oscillator with less than 2.8ppm drift
- Conforms to DVB-ASI specifications

Configuration Options

DVB Master II FD Standard board

-R Add the Mechanical by-pass relay

-S Add the Secondary Input

-H Add the High Stability Oscillator

Development Software

Windows Synchronous API

Linux Master Driver SDK

Suggested Retail Price: DVB Master II FD: \$1,495.00 US

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 DVB ASI, SMPTE 310M, SMPTE259M, SMPTE292M, and 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. To download DVEO’s press releases and product images visit the news section at <http://www.dveo.com>.

DVEO, 11409 West Bernardo Ct. San Diego, CA. 92127

Web: www.dveo.com phone: +1(858) 613-1818, fax: +1(858) 613-1815