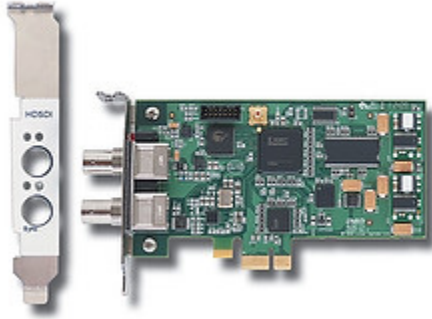


DVEO plays its cards right

SEARCH

Monday 14 September 2009



*DVEO's single channel card can handle either HD-SDI or SD-SDI*

by Ken Kerschbaumer

DVEO, the broadcast division of CMI, is demonstrating its newest SD-SDI and HD-SDI input or output card for use in video servers and workstations.

Known as HD-SDI Master I or O PCIe LP, the system is a single channel HD/SD-SDI (SMPTE 292M and SMPTE 259M) card. A firmware change converts the input card to an output card and vice-versa, for the price of a single card. The majority of mainstream HD standards are supported.

On board DDR memory and a proprietary firmware design are used to buffer the transmit data to account for system latency as the data flows from the PCIe bus. The input features for the HD-SDI Master I or O PCIe LP include automatic standards detection between 720 and 1080, automatic cable equalisation, and input monitoring of CRC errors. The output mode features tri-level sync input for transmit frame and rate synchronisation.

"Our HD-SDI Master card is ideal for HD-SDI servers, post-processing, capturing or sending HD or SD video, and electronic news gathering," said Laszlo Zoltan, sales manager for DVEO. "And, because it can switch between receiving and transmitting, it is excellent value."

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