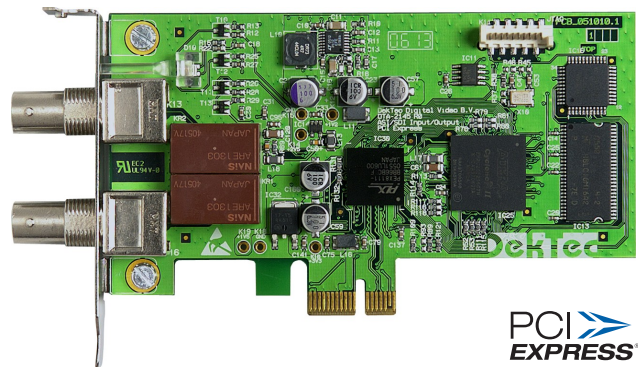


Multi-Purpose Dual ASI/SDI Adapter for PCI Express

- ❑ ASI/SDI Input+Output or Dual Output
- ❑ Low Profile or Standard PCI
- ❑ Most Complete Feature Set in the Market

FEATURES

- Two BNC ports: one dedicated ASI/SDI output port and one software-selectable ASI/SDI/Genlock input- or second independent output port, with status LED
- All hardware and software features found in the market place, plus more
- Watchdog-controlled input-to-output relays for redundant configurations
- Prepared for genlock
- Cable equalisation and inverted ASI
- Bit-rate measurement and statistics
- Flexible receive modes with time-stamping, packet sequence counting and false-sync pass through for full TR 101 290 support
- SDI lossless Huffman encoding / decoding
- Low- and standard-profile PCI bracket
- PCI Express Rev 1.1



- Free drivers and DTAPI SDK for Linux, Windows 2k/XP/2k3 and .NET
- Example source code for stream player and stream recorder

APPLICATIONS

- Universal ASI/SDI input/output adapter for PC-based applications that record, play and/or process MPEG-2 transport streams

KEY ATTRIBUTES

Parameter		Value
Connector		75-Ω BNC (2x*)
Return Loss		> 15 dB
Hardware Buffering		16 MB / channel
ASI	Physical Layer	EN50083-9
	Bitrate Range	0...214 Mbit/s
	Packet Size in Bytes	188 or 204**
SDI	Physical Layer	SMPTE 259M
	Bittate	270 Mbit/s
	#Bits	8 or 10 bit

* 1xOutput port and 1xsoftware-selectable Input or Output port
 ** Arbitrary packet size in raw mode

RELATED PRODUCTS

Type	Description
DTA-145	Multi-Purpose ASI/SDI Adapter for standard PCI Bus

ORDERING INFORMATION

Type	Description
DTA-2145-SDP	Multi-Purpose ASI/SDI Adapter for PCI Express with <i>DtGrabber+</i> , <i>DtTV</i> and <i>StreamXpress</i>
DTA-2145-SXP	DTA-2145-SDP with <i>StreamXpert</i> TS Analyser Software

The latest pricing information and a list of DekTec resellers can be found on www.dektec.com. An OEM version of the DTA-2145 is available upon request. Please contact DekTec for OEM conditions.