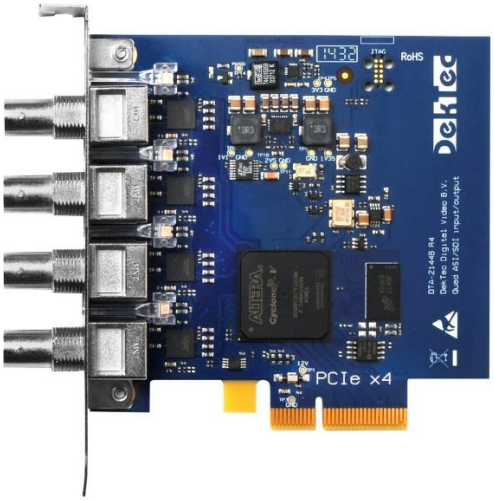
DTA-2144B

Quad ASI/SDI Adapter for PCI Express Bus

- Supports DVB-ASI and full-frame SD-SDI
- Fully flexible port configuration
- PCI Express x4 for ample bandwidth

FEATURES

- Four BNC ports with individual status LEDs
- Operation in ASI or SDI mode can be selected under software control
- Each port can be independently configured as input or output
- Cable equalisation and inverted ASI
- Hardware counters for bitrate measurement and statistics
- Flexible receive modes with time-stamping, packet sequence counting and false-sync pass through for full TR 101 290 support
- 10-bit SD-SDI, full stream @ 270 Mbit/s
- Lossless SDI Huffman encoding / decoding for reduction of bus bandwidth
- PCI Express x4 (Rev 1.1)
- Free drivers and SDK (DTAPI) for Linux, Windows XP/2k3/Vista/2k8/7/8/8.1
- Example source code for stream player and stream recorder



APPLICATIONS

- Transport-stream multiplexing
- Monitoring of multiple transport streams and/or SD-SDI serial digital video streams
- Universal ASI/SDI input/output adapter for PC-based applications that record, play and/or process ASI or SDI

KEY ATTRIBUTES

Parameter		Value
ASI/SDI connector		75-Ω BNC (4x)
Input return loss		>15dB
Hardware buffering		32MB/channel
ASI	Physical layer	DVB-ASI (coax) EN50083-9
	Rx or Tx bitrate	0 .. 214Mbit/s
	Resolution	<1bit/s
SDI	Physical layer	SMPTE 259M
	Bitrate	270Mbit/s
	#Bits	8 or 10bit
DVB ID		5551

RELATED PRODUCTS

Type	Description
DTA-2145	Dual ASI/SDI ports for PCIe
DTA-2154	Quad HD-SDI/ASI ports for PCIe
DTA-2174	Quad 3G-SDI/ASI ports for PCIe

ORDERING INFORMATION

Type	Description
DTA-2144B-SDP	Quad ASI/SDI I/O adapter for PCIe with *DtGrabber+*, *DtTV* and *StreamXpress*
DTA-2144B-SXP	Quad ASI/SDI I/O adapter for PCIe with *DtGrabber+*, *DtTV*, *StreamXpress* and *StreamXpert*

The latest pricing information and a list of DekTec resellers can be found on **www.dektec.com**. An OEM version of the DTA-2144B is available upon request. Please contact DekTec for OEM conditions.