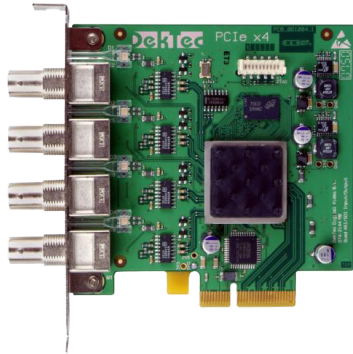


Quad ASI/SDI Adapter for PCI Express Bus

DekTec DTA-2144



KEY 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 equalization 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 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 and .NET
- Example source code for stream player and stream recorder

APPLICATIONS

- Transport stream multiplexing
- Monitoring of multiple MPEG2 transport streams and/or SDI serial digital video streams
- Universal ASI/SDI input/output adapter for PC-based applications that record, play and/or process ASI or SDI

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

KEY ATTRIBUTES

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

RELATED PRODUCTS

Type	Description
DTA-124	Quad ASI/SDI inputs for PCI
DTA-2145	Dual ASI/SDI ports for PCIe

ORDERING INFORMATION

Type	Description
DTA-2144-SDP	Quad ASI/SDI I/O adapter for PCI Express with DtGrabber+, DtTV and StreamXpress
DTA-2144-SYP	DTA-2144-SDP with SdEye
DTA-2144-SXP	DTA-2144-SDP with StreamXpert
DTA-2144-SY-SXP	DTA-2144-SDP with SdEye and StreamXpert

Sencore is the preferred distributor of DekTec in North America.