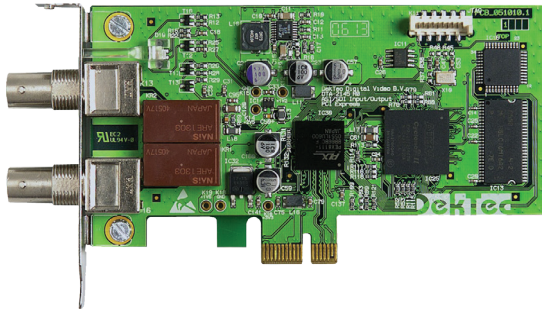


Dual ASI/SDI Adapter for PCI Express Bus

DekTec DTA-2145



KEY FEATURES

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

- Universal ASI/SDI input/output adapter for PC-based applications that record, play and/or process MPEG2 transport streams

- ASI/SDI input+output or dual output
- Low profile or standard PCI
- Most complete feature set in the market

KEY ATTRIBUTES

Parameter		Value
Connector		75Ω BNC (2x *)
Return loss		> 15 dB
Hardware buffering		16 MB / channel
ASI	Physical layer	EN50083-9
	Bit rate range	0 to 214 Mbit/s
	Packet size in bytes	188 or 204 **
SDI	Physical layer	SMPTE 259M
	Bit rate	270 Mbit/s
	#Bits	8 or 10 bit

* 1x output and 1x software-selectable input or output

** 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 DtGrabber+, DtTV and StreamXpress
DTA-2145-SXP	DTA-2145-SDP with StreamXpert TS analyzer software
DTA-2145-SY-SDP	SDP DTA-2145-SDP with SdEye
DTA-2145-SY-SXP	DTA-2144-SDP with SdEye and StreamXpert

Sencore is the preferred distributor of DekTec in North America.