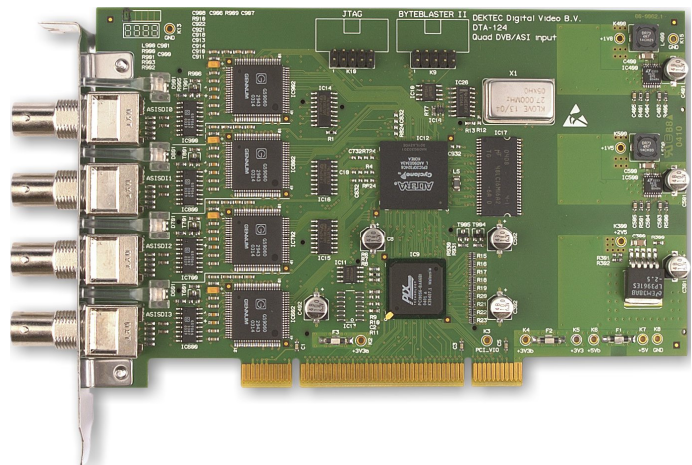


Quad ASI/SDI Input Adapter for PCI Bus

- ❑ Four Independent ASI/SDI Inputs
- ❑ 8-MB Input Buffer on each Channel
- ❑ Support for Time Stamping

FEATURES

- Four digital-video input channels, each independently configurable as a DVB/ASI transport-stream input or serial digital video (SDI) input
- DVB/ASI compliant to EN50083
- SDI compliant to SMPTE-259M
- Each channel supports:
 - Adaptive cable equalisation
 - 8-Mbytes input buffer
 - DVB/ASI up to 214 Mbit/s
 - 10-bit SDI, full stream @ 270 Mbit/s
 - Time stamping
 - Synchronised and raw receive modes
 - Inverted DVB/ASI
 - Counters for bit-rate measurement
 - LED indicator to show lock and synchronisation status
- Four independent DMA controllers with scatter/gather capability
- PCI rev 2.2, 32 bit, 33 or 66 MHz bus
- Each channel can run the *StreamXpert™* MPEG-2 analyser or *DtTV* television software (license required)



- Comes with free:
 - Windows-2000/XP/2003 & Linux device driver and Software Development Kit for developing custom applications
 - Example source code for recording
 - *DtGrabber*: Windows recorder program

APPLICATIONS

- Multiplexing
- Monitoring of multiple MPEG-2 transport streams and/or SDI serial digital video streams

KEY ATTRIBUTES

Parameter		Value
ASI/SDI Connector		75 Ω BNC (4x)
Input Return Loss		> 17 dB
Error Free Cable Length		300m max
ASI	Physical Layer	DVB/ASI-C*
	Bit Rate	0...214 Mbit/s
	Packet Size in Bytes	188 or 204**
SDI	Physical Layer	SMPTE 259M-C*
	Bit Rate	270 Mbit/s
	#Bits	8 or 10 bit

* "-C" suffix indicates Coax as physical-transport medium
 ** Arbitrary packet size in raw mode

RELATED PRODUCTS

Type	Description
DTA-120	Single ASI Input Adapter (PCI)
DTU-225	Single ASI/SDI Input Adapter (USB-2)
DTC-320	<i>StreamXpert™</i> Analyser Software
DTC-330	<i>DtTV</i> Television Software

ORDERING INFORMATION

Type	Description
DTA-124	Quad ASI/SDI Input Adapter (PCI)
DTA-124SX	DTA-124 with <i>StreamXpert</i>

Please refer to www.dektec.com for the latest pricing and a list of distributors and resellers.