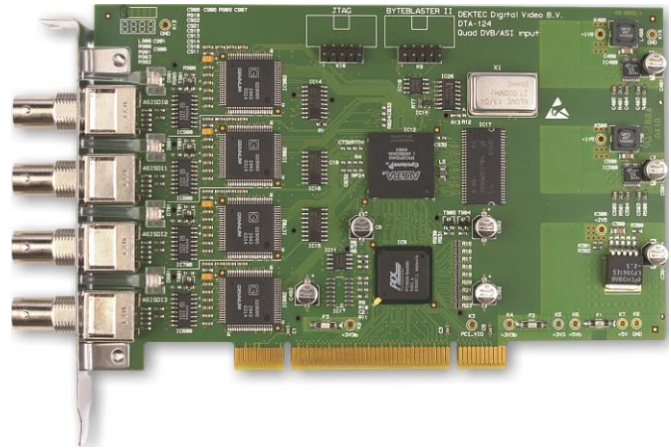


# Quad ASI/SDI Input Adapter for PCI Bus

- ❑ Four ASI or three SDI inputs
- ❑ 8-MB input buffer for each channel
- ❑ Time stamping and transparent mode

## FEATURES

- Four BNC ports with individual status LEDs
- Each port is configurable as a DVB-ASI transport-stream input or serial digital video (SDI) input
- DVB-ASI compliant to EN50083-9
- SDI compliant to SMPTE-259M
- Each channel supports:
  - Adaptive cable equalisation
  - 8-Mbytes input buffer
  - DVB-ASI up to 214Mbit/s
  - 10-bit SDI, full stream @ 270Mbit/s
  - Time stamping
  - Synchronised and raw receive modes
  - Inverted DVB-ASI
  - Counters for bitrate measurement
  - LED indicator to show lock and synchronisation status
- Lossless SDI Huffman encoding / decoding for reduction of bus bandwidth
- PCI rev 2.2, 32 bit, 33 or 66MHz bus



## APPLICATIONS

- Transport-stream multiplexing
- Monitoring of multiple MPEG-2 transport streams and/or SDI serial digital video streams
- Universal multi-port ASI/SDI input adapter for PC-based applications that record, display or process ASI or SDI

## KEY ATTRIBUTES

Parameter		Value
ASI/SDI connector		75-Ω BNC (4x)
Input return loss		> 17dB
Error-free cable length		300m max
ASI	Physical layer	DVB-ASI (coax)
	Bitrate	0 .. 214Mbit/s
	Packet size	188 or 204*
SDI	Physical layer	SMPTE 259M
	Bitrate	270Mbit/s
	#Bits	8 or 10bit
	#Parallel SDI streams	3 max.

\* Arbitrary packet size in raw mode

## RELATED PRODUCTS

Type	Description
DTA-2144	Quad ASI/SDI ports for PCIe

## ORDERING INFORMATION

Type	Description
DTA-124-DP	Quad ASI/SDI input adapter for PCI with <i>DtGrabber+</i> and <i>DtTV</i>
DTA-124-DY	DTA-124-DP with <i>SdEye</i>
DTA-124-SX	DTA-124-DP with <i>StreamXpert</i>
DTA-124-SXY	DTA-124-DP with <i>SdEye</i> and <i>StreamXpert</i>

The latest pricing information and a list of DekTec resellers can be found on [www.dektec.com](http://www.dektec.com). An OEM version of the DTA-124 is available upon request. Please contact DekTec for OEM conditions.