

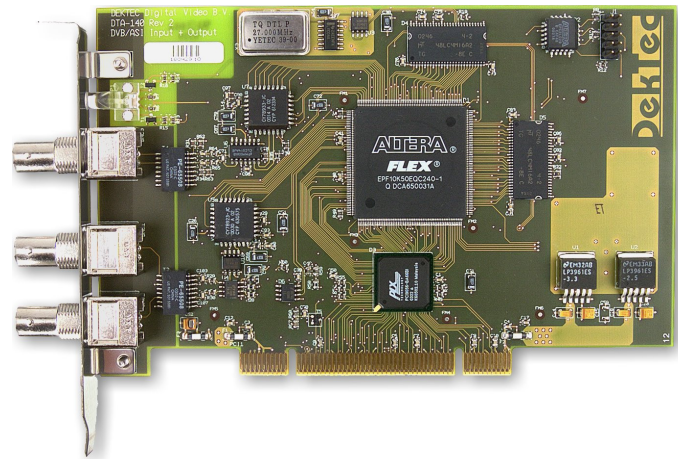


# DVB-ASI Input+Output Adapter for PCI Bus

- ❑ Independent ASI In- and Output Port
- ❑ 8-MB Input Buffer, 8-MB Output Buffer
- ❑ Support for Time Stamping

## FEATURES

- High-speed input and output, compliant to DVB-ASI-C as defined in EN50083 and DVB document A010 rev 1
- Parallel, independent operation of input and output channel at the full DVB-ASI bit-rate range from 0 to 214 Mbit/s
- Adaptive cable equalisation
- Time stamp for each transport packet
- Synchronised and raw receive modes
- Automatic recognition and adjustment of inverted DVB-ASI input signals
- Counters for bit-rate measurement, 8B/10B code violations and synchronisation errors
- LED indicator shows lock and synchronisation status of input circuitry
- 8-Mbytes input buffer for large jitter tolerance; independent 8-Mbytes output buffer
- Double-buffering: DVB-ASI output available on two BNC connectors
- Inverted DVB-ASI output for special tests
- Continuous mode or burst mode
- PCI rev 2.2, 32 bit, 33 or 66 MHz bus



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

## APPLICATIONS

- Universal DVB-ASI input/output adapter for PC-based applications that record, play and/or process MPEG-2 transport streams
- Gateway, Data Inserter, Stream Station, etc

## KEY ATTRIBUTES

Parameter	Value
Physical Layer	DVB-ASI (Coax)
DVB-ASI Connector	75 Ω BNC (3x*)
Transmit Bit Rate	0...214 Mbit/s
Transmit Bit Rate Resolution	< 1 bit/s
Transmit Bit Rate Stability	±10 ppm
Maximum Transmit Jitter**	70 ns p-p
Receive Bit Rate	0...214 Mbit/s
Input Return Loss	> 17 dB
Error Free Cable Length	300m max

\* 1x input, doubly-buffered output  
 \*\* In continuous mode

## RELATED PRODUCTS

Type	Description
DTC-300	StreamXpress™ Player Software
DTC-320	StreamXpert™ Analyser Software
DTC-330	DtTV Television Software

## ORDERING INFORMATION

Type	Description
DTA-140	ASI Input+Output Adapter (PCI)
DTA-140SP	DTA-140 with StreamXpress
DTA-140SX	DTA-140 with StreamXpert
DTA-140XP	DTA-140 with StreamXpert and StreamXpress

Please refer to [www.dektec.com](http://www.dektec.com) for the latest pricing and a list of distributors and resellers.