

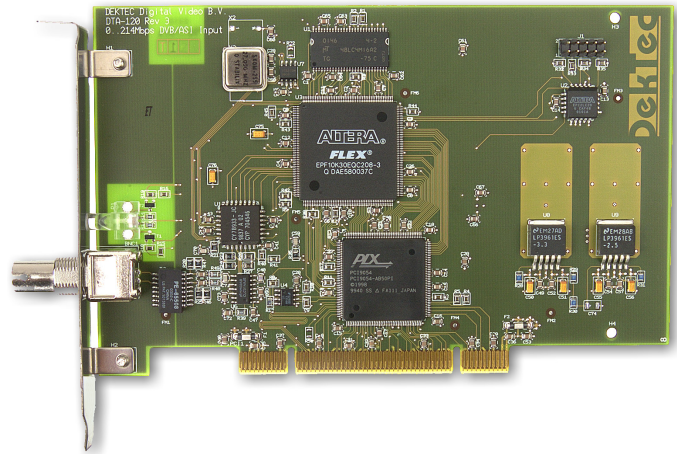


## DVB-ASI Input Adapter for PCI Bus

- ❑ 0...214 Mbit/s
- ❑ 8-MBytes Buffer
- ❑ ASI Signal-Quality Monitoring

### FEATURES

- High-speed Transport-Stream input, compliant to DVB-ASI (Asynchronous Serial Interface) as defined in DVB document A010 rev 1 and EN50083
- Support for full DVB-ASI bit-rate range 0...214 Mbit/s
- Adaptive cable equalisation
- Optional time stamp per packet arrival
- Counters for bit-rate measurement, 8B/10B code violations and sync errors
- LED indicator shows lock and synchronisation status
- Large jitter tolerance with 8-Mbytes on-board packet buffer
- Automatic recognition and adjustment of inverted DVB-ASI input signals
- Raw-mode option for arbitrary packet size
- PCI rev 2.2, 32 bit, 33 MHz
- Comes with free:
  - Windows-2000/XP/2003 & Linux device driver and Software Development Kit for developing custom applications
  - Example source code for TS recorder
  - *DtGrabber*: Windows recorder program



### APPLICATIONS

- General-purpose adapter in PC-based applications for the reception of an MPEG-2 transport stream on DVB-ASI
- DVB-ASI transport-stream recording
- With DTC-320 *StreamXpert* software: Versatile MPEG-2 transport-stream analysis and monitoring tool
- With DTC-330 *DtTV*: Decoding of one television service from a transport stream, or decoding of multiple services for mosaic creation

### KEY ATTRIBUTES

Parameter	Value
Physical Layer	DVB-ASI (Coax)
DVB-ASI Connector	75 Ω BNC
Input Bit Rate	0...214 Mbit/s
Input Return Loss	17 dB
Error Free Cable Length	300 m
Rate-Measurement Accuracy	±10 ppm
Packet Size in Bytes	188 or 204*

\* Arbitrary packet size in raw mode

### RELATED PRODUCTS

Type	Description
DTU-225	<i>FantASI</i> USB-2 ASI/SDI Input
DTC-320	<i>StreamXpert</i> TS Analyser Software
DTC-330	<i>DtTV</i> TS Television Software

### ORDERING INFORMATION

Type	Description
DTA-120	DVB-ASI Input Adapter for PCI Bus
DTA-120SX	DTA-120 + <i>StreamXpert</i> bundle

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