

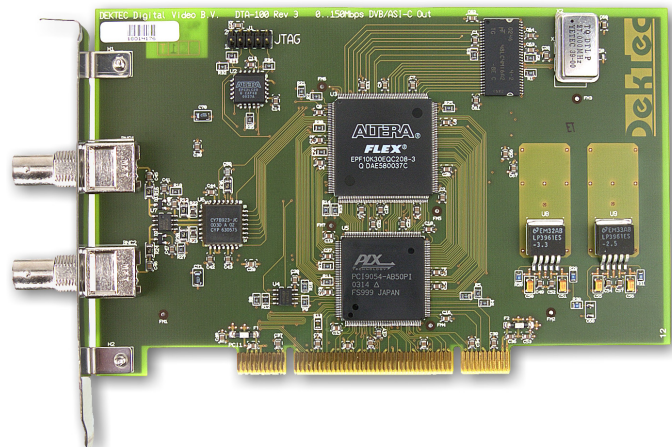
# DVB-ASI Output Adapter for PCI Bus

- ❑ 0...150 Mbit/s
- ❑ 8-MBytes Buffer
- ❑ Advanced DMA Capabilities

*For new designs DekTec recommends using the DTA-105*

## FEATURES

- High-speed transport-stream output, compliant to DVB-ASI as defined in DVB document A010 rev 1 and EN50083
- Programmable bit rate 0...150 Mbit/s
- Double-buffering: DVB-ASI output available on two BNC connectors
- 8-Mbytes on-board buffer to compensate for PCI- and software latencies
- Hardware-assisted NULL packet insertion
- Support for 188-byte and 204-byte packets
- Continuous mode or burst mode
- PCI rev 2.2, 32 bit, 33 MHz
- Universal PCI Adapter for both 3.3V and 5V environments
- On-board PCI Bus master for off-loading host processor
- DMA burst-mode transfers for optimal usage of PCI Bus
- Scatter/Gather DMA for efficient handling of fragmented host memory



Comes with free:

- Windows-2000/XP/2003 & Linux device driver and Software Development Kit for developing custom applications
- Example source code for stream player

## APPLICATIONS

- General purpose output adapter for (Industrial-)PC-based applications that generate an MPEG-2 transport stream
- With DTC-300 *StreamXpress* software: MPEG-2 transport-stream test generator

## KEY ATTRIBUTES

Parameter	Value
Physical Layer	DVB-ASI (Coax)
DVB-ASI Connector	75 Ω BNC (2x)
Transmit Bit Rate	0...150 Mbit/s
Transmit Bit Rate Resolution	<1 bit/s
Transmit Bit Rate Stability	±10 ppm
Burst Mode On/Off	yes
Peak-to-Peak Maximum Jitter*	70 ns p-p
Packet Size in Bytes	188 or 204**

\* In continuous mode

\*\* Arbitrary packet size in raw mode

## RELATED PRODUCTS

Type	Description
DTA-105	Dual DVB-ASI Output Adapter
DTA-120	DVB-ASI Input Adapter
DTC-300	<i>StreamXpress</i> Player software

## ORDERING INFORMATION

Type	Description
DTA-100	DVB-ASI Output Adapter for PCI Bus
DTA-100-SP	DTA-100 with <i>StreamXpress</i>

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