

# Dual DVB-ASI Output Adapter for PCI Bus

- Two independent DVB-ASI outputs
- Low-profile short PCI card
- Single-channel doubly-buffered mode

## FEATURES

- Two independent DVB-ASI outputs channels on a low-profile PCI card
- Optional mode to slave the second output to the first, creating a single doubly-buffered output
- Programmable bitrate 0 .. 214 Mbit/s
- Dual 16-Mbytes buffers to compensate for PCI- and software latencies
- Shipped with a low-profile and a standard-profile bracket
- Hardware-assisted null packet insertion
- Continuous mode or burst mode
- 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
- Low- and standard-profile PCI bracket
- PCI rev 2.2, 32 bit, 33 or 66 MHz bus



- Free drivers and SDK for current versions of Windows, .NET, DirectShow and Linux
- Example source code for stream player and stream recorder

## APPLICATIONS

- General-purpose output adapter for PC-based applications that generate an DVB-ASI 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 bitrate	0 .. 214Mbit/s
Transmit bitrate resolution	< 1bit/s
Transmit bitrate stability	±2ppm
Burst mode on/off	yes
Peak-to-peak maximum jitter*	70ns p-p
Packet size	188 or 204**

\* In continuous mode

\*\* Arbitrary packet size in raw mode

## RELATED PRODUCTS

Type	Description
DTA-145	Multi-purpose ASI / SD-SDI adapter for standard PCI bus
DTA-2145	Multi-purpose ASI / SD-SDI adapter for PCI Express

## ORDERING INFORMATION

Type	Description
DTA-105-SP	Dual DVB-ASI output adapter for PCI with <i>StreamXpress</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-105 is available upon request. Please contact DekTec for OEM conditions.