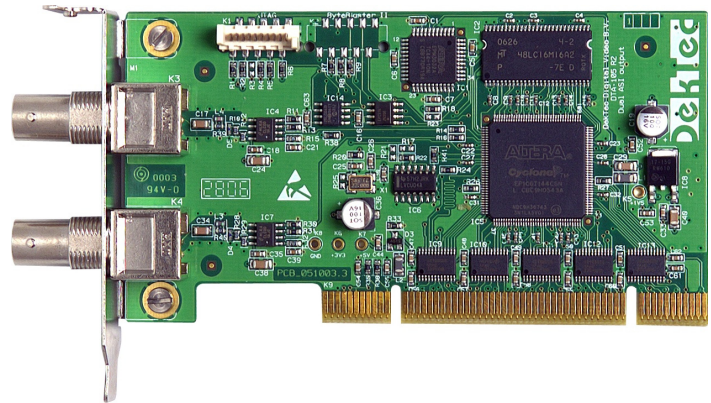


Dual DVB-ASI Output Adapter for PCI Bus

- ❑ Two Independent DVB-ASI Outputs
- ❑ Low-Profile Short PCI Card
- ❑ Dense Transport-Stream Generation

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 bit rate 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 DTAPI SDK for Windows 2k/XP/2k3, .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 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...214 Mbit/s
Transmit Bit Rate Resolution	< 1 bit/s
Transmit Bit Rate Stability	±2 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-145	Multi-Purpose ASI/SDI Adapter for standard PCI Bus
DTA-2145	Multi-Purpose ASI/SDI Adapter for PCI Express

ORDERING INFORMATION

Type	Description
DTA-105-SP	Dual DVB-ASI Output Adapter for PCI with <i>StreamXpress</i> Software

The latest pricing information and a list of DekTec resellers can be found on www.dektec.com. An OEM version of the DTA-105 is available upon request. Please contact DekTec for OEM conditions.