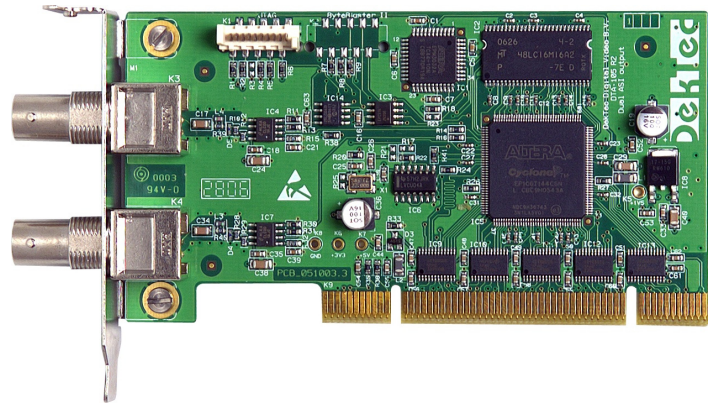


Dual DVB-ASI Output Adapter for PCI Bus

- 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.