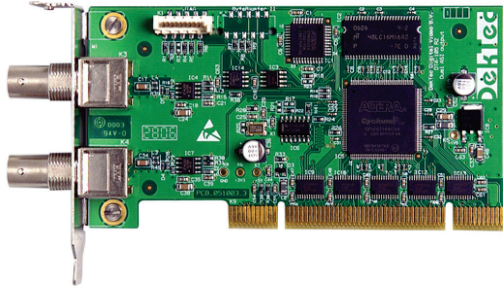


Dual DVB-ASI Output Adapter for PCI Bus

DekTec DTA-105



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

KEY 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 to 214 Mbit/s
- Dual 16Mbytes 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 useage 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 MPEG2 transport stream
- With DTC-300 StreamXpress software: MPEG2 transport stream test generator

KEY ATTRIBUTES

Parameter	Value
Physical layer	DVB-ASI (Coax)
DVB-ASI connector	75Ω BNC (2x)
Transmit bitrate	0 to 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 StreamXpress

Sencore is the preferred distributor of DekTec in North America.