

Dual ASI/SDI Adapter for PCI Bus

- ❑ ASI/SDI input+output or dual output
- ❑ Low profile or standard PCI height
- ❑ Most complete feature set in the market

FEATURES

- Two BNC ports: one dedicated ASI/SDI output port and one software-selectable ASI/SDI input- or second independent output port, with status LED
- All hardware and software features found in the market place, plus more
- Watchdog-controlled input-to-output relays for redundant configurations
- Prepared for genlock
- Cable equalisation and inverted ASI
- Bitrate measurement and statistics
- Flexible receive modes with time-stamping, packet-sequence counting and false-sync pass through for full TR 101 290 support
- Lossless SDI Huffman encoding / decoding
- Low- and standard-profile PCI bracket
- Free drivers and SDK (DTAPI) for Linux, Windows XP/2k3/Vista and .NET



APPLICATIONS

- ASI/SDI stream station
- High-availability ASI/SDI generation
- ASI/SDI analysis or monitoring
- Universal ASI/SDI input/output adapter for PC-based applications that record, play and/or process MPEG-2 transport streams and/or SDI digital video

KEY ATTRIBUTES

| Parameter | | Value |
|--------------------|----------------|-----------------------------|
| Connector | | 75-Ω BNC (2x*) |
| Input return loss | | > 15dB |
| Hardware buffering | | 16MB / channel |
| ASI | Physical layer | DVB-ASI (coax) EN50083-9 |
| | Bitrate range | 0 .. 214Mbit/s |
| | Packet size | 188 or 204** |
| SDI | Physical layer | SMPTE 259M |
| | Bitrate | 270Mbit/s |
| | #Bits | 8 or 10 bit |
| PCI compliancy | | r2.2, 32-bit, 33/66MHz |

* 1xoutput and 1xsoftware-selectable input or output
 ** Arbitrary packet size in raw mode

RELATED PRODUCTS

| Type | Description |
|----------|--|
| DTA-2145 | Dual ASI/SDI adapter for PCI Express bus |

ORDERING INFORMATION

| Type | Description |
|-------------|---|
| DTA-145-SLP | Dual ASI/SDI I/O adapter for PCI Express with <i>StreamXpert Life</i> and <i>StreamXpress</i> |
| DTA-145-SYP | DTA-145-SLP with <i>SdEye</i> |
| DTA-145-SXP | DTA-145-SP with <i>StreamXpert</i> |
| DTA-145-SXY | DTA-145-SP with <i>SdEye</i> and <i>StreamXpert</i> |

The latest pricing information and a list of DekTec resellers can be found on www.dektec.com. An OEM version of the DTA-145 is available upon request. Please contact DekTec for OEM conditions.