

FantASI USB-2 ASI/SDI Input+Output Adapter

- Portable streaming of DVB-ASI and SDI
- The essential tool for every DTV engineer
- No AC power adapter required

FEATURES

- Convenient, compact USB adapter that can be used to capture and generate MPEG-2 transport streams (DVB-ASI) and uncompressed serial digital video (SDI)
- USB powered - no power supply required
- Simultaneous input and output operation for transport streams
- Huffman compression of SDI signals for reducing the required USB bandwidth
- 16-Mbytes local RAM for sustained real-time streaming

APPLICATIONS

- General-purpose USB adapter for capturing, generating and processing of ASI and SDI streams
- On-site recording and analysis
- Portable demo set



BUNDLED SOFTWARE (DTU-245-SY-SXP)

- *DtGrabber+* advanced capturing
- *DtTV* transport-stream television
- *StreamXpress* ASI / SDI player
- *StreamXpert* transport-stream analyser
- *SdEye* SDI waveform analyser
- Windows/Linux drivers and associated SDK for developing custom applications

KEY ATTRIBUTES

| Parameter | | Value |
|--------------------------|----------------------------|---------------|
| Connector | | 75-Ω BNC (2x) |
| ASI | Physical layer | EN50083-9 |
| | Bitrate range | 0 ..160Mbit/s |
| | Packet size | 188 or 204 |
| SDI | Physical layer | SMPTE 259M |
| | Bitrate (half-duplex only) | 270Mbit/s |
| | #Bits | 8 or 10 bit |
| USB port | | USB-2* |
| Power (through USB-2) | | 5V, 400mA max |
| Dimensions in mm (LxWxH) | | 87 x 104 x 30 |

* USB-1 provides insufficient bandwidth and is not supported

ORDERING INFORMATION

| Type | Description |
|----------------|---|
| DTU-245-SDP | USB-2 ASI/SDI input and output with <i>DtGrabber+</i> , <i>DtTV</i> and <i>StreamXpress</i> |
| DTU-245-SXP | DTU-245-SDP with <i>StreamXpert</i> |
| DTU-245-SY-SXP | DTU-245-SDP with <i>SdEye</i> and <i>StreamXpert</i> |
| DTU-245-DVB+ | DTU-245-SDP with <i>DVBAnalyzer</i> in-depth TS analyser and viewer |

The latest pricing information and a list of DekTec resellers can be found on www.dektec.com.

An OEM version of the DTU-245 without case is available upon request. Please contact DekTec for OEM conditions.