

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.