

FantASI USB-2 ASI/SDI Input+Output Adapter

DekTec DTU-245



KEY FEATURES

- Convenient, compact USB adapter that can be used to capture and generate MPEG transport streams (DVB-ASI) or uncompressed serial digital video (SDI)
- Supports all video and audio codecs and formats that are supported by the MPEG transport stream and SDI standards
- 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

- StreamXpress ASI / SDI player
- StreamXpert transport-stream analyser
- SdEye SDI waveform analyser
- Windows/Linux drivers and associated SDK for developing custom applications

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

KEY ATTRIBUTES

Parameter		Value
Connector		75-Ω BNC (2x)
ASI	Physical layer	EN50083-9
	Bit Rate Range	0 to 160 Mbit/s
	Packet Size in Bytes	188 or 204
SDI	Physical Layer	SMPTE 259M
	Bit Rate (half-duplex only)	270 Mbit/s
	#Bits	8 or 10 bit
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-245B-SLP	USB-2 ASI/SDI input and output with StreamXpress and StreamXpert Lite
DTU-245B-SXP	DTU-245B-SLP with StreamXpert
DTU-245B-SY-SXP	DTU-245B-SLP with SdEye and StreamXpert