

FantASI USB-2 ASI/SDI Input Adapter

- ❑ ASI or SDI capturing and analysis
- ❑ 0..214Mbps ASI; 270Mbps full frame SDI
- ❑ No AC power adapter required

FEATURES

- Convenient, compact USB adapter that can be used for capturing either an MPEG-2 transport stream (DVB-ASI), or uncompressed serial digital video (SDI)
- Easily-installable replacement of PCI-based ASI and/or SDI input card
- USB powered – no separate power supply required
- 16-Mbytes local buffer for sustained real-time capturing of digital video streams
- Comes with free Windows/Linux drivers and associated SDK for developing custom applications
- Software-compatibility with other DekTec interface adapters on DTAPI level
- Lossless SDI Huffman encoding / decoding for reduction of bus bandwidth
- Connect multiple FantASI adapters to a single PC or Notebook, to create multiple ASI/SDI input and/or output channels



APPLICATIONS

- Universal USB adapter for Notebook and PC applications that have to capture or process an ASI or SDI digital-video stream
- ASI or SDI capturing to file
- ASI or SDI real-time analysis

KEY ATTRIBUTES

Parameter		Value
Connector		75-Ω BNC (2x*)
Input return loss		> 15dB
ASI	Physical layer	EN50083-9
	Bitrate range	0 .. 214Mbit/s
	Packet size	188 or 204
SDI	Physical layer	SMPTE 259M
	Bitrate	270Mbit/s
	#Bits	8 or 10bit
USB port		USB-2**
Power (through USB-2)		5V, 400mA max
Dimensions in mm (LxWxH)		87 x 104 x 30

* Input and loop-through output

** USB-1 provides insufficient bandwidth and is not supported

RELATED PRODUCTS

Type	Description
DTU-205	USB-2 ASI/SDI output
DTU-245	USB-2 ASI/SDI input+output

ORDERING INFORMATION

Type	Description
DTU-225-SL	USB-2 ASI/SDI input adapter with <i>StreamXpert Lite</i>
DTU-225-SX	DTU-225-SL with <i>StreamXpert</i>
DTU-225-SXY	DTU-225-SL 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 DTU-225 without case is available upon request. Please contact DekTec for OEM conditions.