

ASI/SDI Input USB Probe

DekTec DTU-225



DekTec

KEY FEATURES

- Convenient, compact USB adapter that can be used to capture or analyze 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
- Easily installable replacement of PCI based ASI or SDI input card
- USB full and high speed operation
- USB powered, no separate power supply required
- 8 Mbytes local buffer for sustained realtime streaming of digital video streams
- Comes with free:
 - Windows 2000/XP/2003 driver and Software Development Kit for developing custom applications
 - Example source code for recorder
 - DTC-330 DtTV license
 - DtGrabber: Windows capture tool
- The DTU-225 is available in combination with the StreamXpert™ analyzer software as DTU-225SX
- 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
- Stream analysis / recording / monitoring

PC USB REQUIREMENTS

- Low speed ASI (<8 Mbit/s): standard USB port
- Standard ASI (<100 Mbit/s): USB-2 port
- Full range ASI or SDI: USB-2 port + suitable USB-2 host controller in the PC

- Portable ASI/SDI input adapter
- 0 to 214 Mbit/s ASI, 270 Mbit/s SDI
- No AC power adapter required

KEY ATTRIBUTES

Parameter		Value
Connector		75Ω BNC (2x*)
Input return loss		>17 dB
ASI	Physical layer	EN50083-9
	Bit rate range	0 to 214 Mbit/s
	Packet size in bytes	188 or 204**
SDI	Physical layer	SMPTE 259M
	Bit rate	270 Mbit/s
	#Bits	8 or 10 bit
Dimensions in mm (LxWxH)		87 x 104 x 30

* Input and loop-through output

** Arbitrary packet size in raw mode

RELATED PRODUCTS

Type	Description
DTA-120	ASI Input Adapter for PCI Bus
DTU-205	USB-2 ASI/SDI Output Adapter
DTC-320	StreamXpert™ Analyzer Software
DTC-330	DtTV Television Software

ORDERING INFORMATION

Type	Description
DTU-225	USB-2 ASI/SDI Input Adapter
DTU-225SX	DTU-225 with StreamXpert™