

# FantASI USB-2 ASI/SDI Output Adapter

DekTec DTU-205 and DTU-205SP



## KEY FEATURES

- Convenient, compact USB adapter that can be used to 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
- Easily-installable replacement of PCI based ASI and/or SDI output card
- USB full and high speed operation
- USB powered, no separate power supply required
- 8Mbytes local buffer for sustained generation of digital video streams or for storage of SDI test patterns
- Support for continuous, burst and time stamped MPEG2 packet transmission
- Comes with free:
  - Windows-2000/XP/2003 driver and software
  - Development kit for developing custom applications
  - Example source code for stream player
- DTU-205SP is a bundle of DTU-205 and StreamXpress (DTC-300) player software
- 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 generate an ASI or SDI digital video stream
- Ideal for demos and experiments

## PC USB REQUIREMENTS

- Low speed ASI (<8 Mbit/s) or static SDI test-pattern generation: 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 Stream Generation
- 0 to 214 Mbit/s ASI, 270 Mbit/s SDI
- No AC Power Adapter Required

## KEY ATTRIBUTES

Parameter		Value
Connector		75Ω BNC (2x)
ASI	Physical layer	EN50083-9
	Bit rate	0 to 214 Mbit/s
	Bit rate resolution	<1 bit/s
	Transmit jitter	70ns p-p max*
	Packet size in bytes	188 or 204**
SDI	Physical layer	SMPTE 259M
	Bit rate	270 Mbit/s
	#Bits	8 or 10 bit

\* In continuous mode

\*\* Arbitrary packet size in raw mode

## RELATED PRODUCTS

Type	Description
DTA-100	ASI Output Adapter for PCI Bus
DTA-140	ASI In+Output Adapter for PCI Bus
DTU-225	USB-2 ASI/SDI Input Adapter
DTC-300	StreamXpress Player Software

## ORDERING INFORMATION

Type	Description
DTU-205	USB-2 ASI/SDI output adapter
DTU-205SP	DTU-205 with StreamXpress™