

# FantASI USB-2 ASI/SDI Output Adapter

- Portable ASI/SDI Stream Generation
- 0...214 Mbit/s ASI, 270 Mbit/s SDI
- No AC Power Adapter Required

## FEATURES

- Convenient, compact USB adapter that can be used for generation of either an MPEG-2 transport stream (DVB-ASI), or uncompressed serial digital video (SDI)
- Easily-installable replacement of PCI-based ASI and/or SDI output card
- USB Full- and Hi-Speed operation
- USB powered – no separate power supply required
- 8-Mbytes local buffer for sustained generation of digital video streams or for storage of SDI test patterns
- Support for continuous-, burst- and time-stamped MPEG-2 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

## KEY ATTRIBUTES

Parameter		Value
Connector		75-Ω BNC (2x)
ASI	Physical Layer	EN50083-9
	Bit Rate	0...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™

Please refer to [www.dektec.com](http://www.dektec.com) for the latest pricing and a list of distributors and resellers.