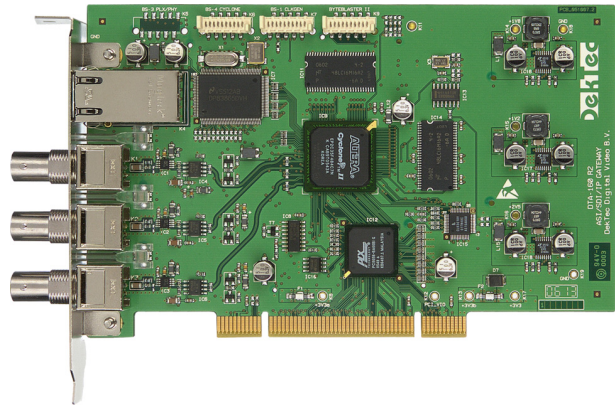


# Gigabit TS-over-IP + 3 DVB-ASI Ports

- ❑ Gigabit Ethernet 10/100/1000 Port
- ❑ Three bi-directional DVB-ASI Ports
- ❑ Real-time ASI ↔ IP Transcoding

## FEATURES

- Transmission and reception of Transport Streams over IP networks, with transcoding between ASI and IP ports
- IP encapsulation in accordance with the guidelines as listed in *Pro-MPEG Code of Practice #3 release 2*
- Zero-jitter play-out of multiple IP streams
- ASM and SSM multicast support
- Generation of two-dimensional FEC for outgoing IP streams with programmable dimensions D and L
- Block-aligned FEC linearization
- Re-ordering and error correction of IP streams with programmable latency
- Time stamping of incoming IP packets to enable IP jitter analysis
- Uniform software access to ASI- and IP ports with DTAPI
- PCI rev 2.2, 32 bit, 33 or 66 MHz bus



## APPLICATIONS

- Contribution, primary distribution over IP
- Multipurpose ASI/IP Stream Station
- Jitter measurements of IP streams
- Tunnelling ASI streams over an IP network
- General-purpose ASI and TS-over-IP inputs and outputs for OEM applications

## KEY ATTRIBUTES

Parameter		Value
GigE Port	Physical Layer	IEEE 802.3ab
	Data Rate	10/100/1000
	Connector	RJ-45
	Maximum TS rate	600 Mbit/s
	Transport Streams	Unlimited*
ASI Ports	Physical Layer	DVB-ASI (Coax)
	Connector	75-Ω BNC (3x)
	Rx or Tx Bit Rate	0...214 Mbit/s
	Resolution	<1 bit/s
Transport Packets per IP Packet		1,2,3,4,5,6 or 7
Protocol		UDP or RTP
Transcoding Rate ASI ↔ IP		0...200 Mbit/s

\* Limited only by cumulative rate and PC resources

## ORDERING INFORMATION

Type	Description
DTA-160-SDP	DTA-160 adapter bundled with: <i>DtTV</i> TS Television <i>DtJitter</i> IP Jitter Analysis <i>DtGrabber+</i> Advanced Recording <i>StreamXpress</i> Versatile Player
DTA-160-SXP	All of DTA-160-SDP, plus: <i>StreamXpert</i> TS Analyser

## PC SUPPORT

Min Config	P4@2GHz, 512MB RAM
OS	Windows-2000 / XP / 2003
Drivers	32- and 64- bit core driver NDIS network driver