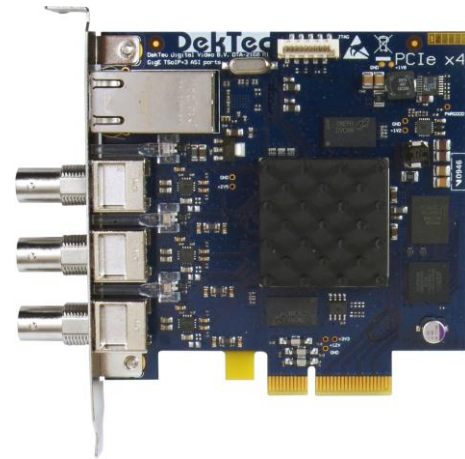


GigE + 3x ASI ports for PCI Express

- ❑ Gigabit Ethernet 10/100/1000 port
- ❑ Three bi-directional DVB-ASI ports
- ❑ Transcoding between ASI and TSoIP

FEATURES

- Transmission and reception of Transport Streams over IP networks, with transcoding between ASI and IP ports
- IP encapsulation in accordance with SMPTE 2022-1 and 2022-2
- Zero-jitter playout of multiple TSoIP streams
- ASM and SSM multicast support
- Generation of two-dimensional FEC with programmable dimensions D and L and FEC linearization
- Re-ordering and error correction of TSoIP streams with programmable latency
- Time stamping of incoming IP packets to enable TSoIP jitter analysis
- Uniform software access to ASI- and TSoIP ports with DTAPI
- Comes with NDIS network driver



APPLICATIONS

- Contribution, primary distribution over IP
- Multipurpose ASI/TSoIP stream station
- Jitter measurements of TSoIP streams
- General-purpose ASI and TSoIP inputs and outputs for OEM applications

KEY ATTRIBUTES

Parameter		Value
TSoIP	Physical layer	IEEE 802.3ab
	Data rate	10/100/1000
	Connector	RJ-45
	Maximum TS rate	600Mbit/s
	Parallel TSoIP streams	100+*
ASI	Physical layer	DVB-ASI (coax)
	Connector	75-Ω BNC (3x)
	Rx or Tx bitrate	0 .. 214Mbit/s
	Resolution	<1bit/s
Transport packets per IP		1,2,3,4,5,6 or 7
TSoIP Protocol		UDP or RTP
TSoIP FEC and Encapsulation		SMPTE 2022
Transcoding rate		0 .. 200Mbit/s
PCI Express		v1.1; PCIe x4

* Limited only by cumulative TS rate and PC resources

RELATED PRODUCTS

Type	Description
DTA-160	GigE + 3x ASI ports for PCI
DTE-3100	Networked ASI output adapter
DTE-3120	Networked ASI input adapter

PC REQUIREMENTS

OS	XP/2k3/Vista/2k8/7, Linux
Platform	P4@2GHz, 1GB RAM

ORDERING INFORMATION

Type	Description
DTA-2160-SDP	Gigabit TSoIP and triple ASI adapter for PCI Express bus with <i>DtTV</i> , <i>DtGrabber+</i> and <i>StreamXpress</i>
DTA-2160-SXP	DTA-160-SDP plus <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 DTA-2160 is available upon request. Please contact DekTec for OEM conditions.