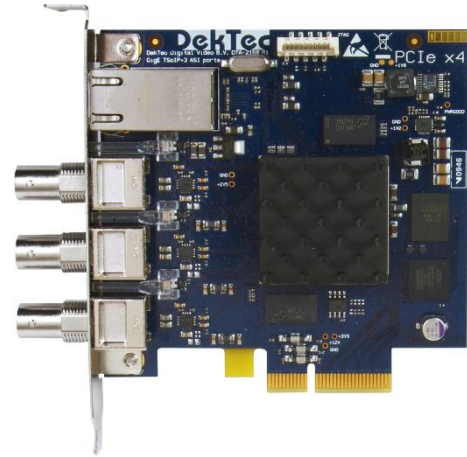


GigE + 3x ASI ports for PCI Express

- ❑ Gigabit Ethernet 10/100/1000 port
- ❑ Three bi-directional DVB-ASI ports
- ❑ Zero-jitter payout and jitter monitoring

FEATURES

- Transmission and reception of transport streams over IP or ASI, with an easy-to-use API identical for all ports
- IP encapsulation and FEC in accordance with SMPTE 2022-1 and 2022-2
- Dedicated packet-scheduling engine for zero-jitter payout of TS-over-IP streams
- ASM and SSM multicast support
- Generation of two-dimensional FEC with programmable dimensions D and L and FEC linearization
- Time stamping of incoming IP packets to enable TS-over-IP jitter analysis
- Uniform software access to ASI- and TS-over-IP ports with DTAPI
- Comes with NDIS network driver



APPLICATIONS

- Multipurpose ASI/TS-over-IP stream station
- Jitter measurements of TS-over-IP streams
- General-purpose ASI and TS-over-IP inputs and outputs for OEM applications

KEY ATTRIBUTES

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

* Limited only by cumulative TS rate and PC resources

RELATED PRODUCTS

Type	Description
DTA-2162	Dual GigE ports for PCIe
DTE-3100	Networked ASI output adapter
DTE-3120	Networked ASI input adapter

PC REQUIREMENTS

OS	XP, 2k3/2k8, Vista, 7, 8/8.1, 10 Linux ≥ 2.6.32, 3.x, 4.x
Platform*	Core i7, 8GB RAM, 64-bit OS

* Recommended, or equivalent AMD CPUs

ORDERING INFORMATION

Type	Description
DTA-2160-SLP	Gigabit TS-over-IP and triple ASI adapter with <i>StreamXpert Lite</i> and <i>StreamXpress</i>
DTA-2160-SXP	DTA-2160-SLP 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.