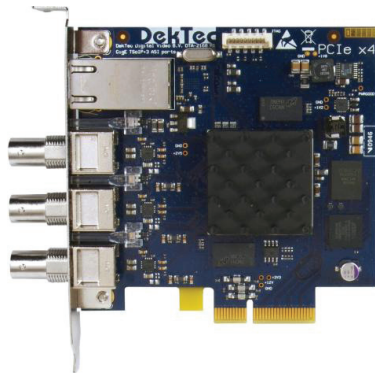


# GigE + 3x ASI Ports for PCI Express

DekTec DTA-2160



## KEY FEATURES

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

## APPLICATIONS

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

## ORDERING INFORMATION

Type	Description
DTA-2160-SLP	Gigabit TSolP and triple ASI adapter for PCI Express bus with StreamXpert Lite and StreamXpress
DTA-2160-SXP	DTA-160-SLP plus StreamXpert

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

## KEY ATTRIBUTES

Parameter		Value
TSolP	Physical layer	IEEE 802.3ab
	Data rate	10/100/1000
	Connector	RJ-45
	Maximum TS rate	600Mbit/s
	Parallel TSolP streams	100+*
ASI	Physical layer	DVB-ASI (coax)
	Connector	75-Ω BNC (3x)
	Rx or Tx bitrate	0 to 214Mbit/s
	Resolution	<1bit/s
Transport packets per IP		1,2,3,4,5,6 or 7
TSolP 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

Bus	Supported Adapters
DTA-2162	Dual GigE ports for PCIe
DTE-3100	Networked ASI output adapter
DTE-3120	Networked ASI input adapter

## PC REQUIREMENTS

OS	XP/2k3/2k6/Vista/7,8/8.1,10/Linux 2.6.32, 3, 4
Platform	P4@2GHz, 1GB RAM

Sencore is the preferred distributor of DekTec in North America.