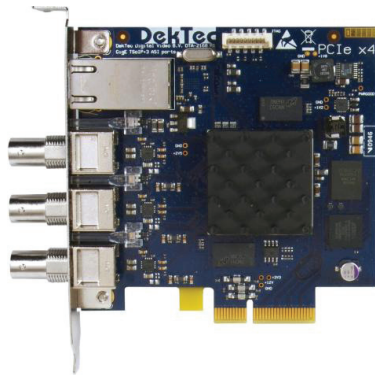


GigE + 3x ASI Ports for PCI Express

DekTec DTA-2160



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

KEY 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 TSolP streams
- ASM and SSM multicast support
- Generation of two-dimensional FEC with programmable dimensions D and L and block-aligned FEC linearization
- Re-ordering and error correction of TSolP streams with programmable latency
- 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

- Contribution, primary distribution over IP
- 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-SDP	Gigabit TSolP and triple ASI adapter for PCI Express bus with DtTV, DtGrabber+ and StreamXpress
DTA-2160-SXP	DTA-160-SDP plus StreamXpert

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
TSolP FEC and Encapsulation		SMPTE 2022
Transcoding rate		0 to 200Mbit/s
PCI Express		v1.1; PCIe x4

* Limited only by cumulative TS rate and PC resources

RELATED PRODUCTS

Bus	Supported Adapters
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

Sencore is the preferred distributor of DekTec in North America.