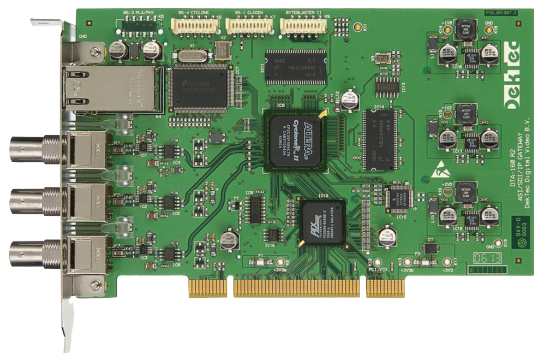


GigE + 3x ASI Ports for PCI

DekTec DTA-160



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 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
- PCI rev 2.2, 32-bit, 33 or 66-MHz bus
- Comes with NDIS network driver

APPLICATIONS

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

- 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 | 600 Mbit/s |
| | Parallel TSolP streams | 100+* |
| ASI Ports | Physical layer | DVB-ASI (coax) |
| | Connector | 75-Ω BNC (3x) |
| | Rx or Tx bit rate | 0 to 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 | | 0 to 200 Mbit/s |
| DVB ID | | 5821 |

* Limited only by cumulative TS rate and PC resources

RELATED PRODUCTS

| Type | Description |
|----------|--------------------------------|
| DTA-2160 | PCI Express version of DTA-160 |
| DTE-3100 | Networked ASI output adapter |
| DTE-3120 | Networked ASI input adapter |

PC SUPPORT

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

ORDERING INFORMATION

| Type | Description |
|-------------|---|
| DTA-160-SDP | Gigabit TSolP and triple ASI adapter for PCI Bus with DtTV, DtGrabber+ and StreamXpress |
| DTA-160-SXP | DTA-160-SDP plus StreamXpert |

Sencore is the preferred distributor of DekTec in North America.