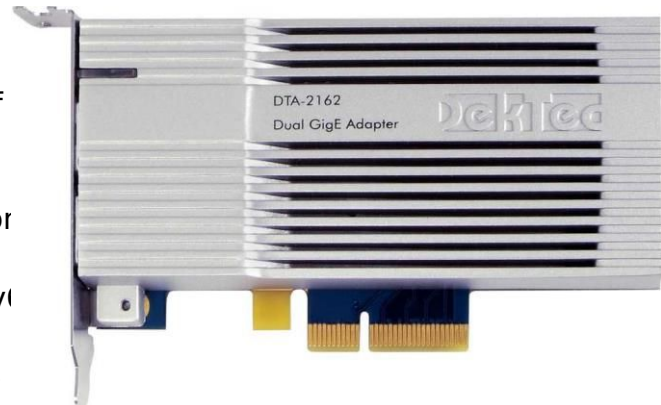


Advanced Network Card with Dual GigE Ports

- Hardware acceleration for TS-over-IP
- High capacity, up to 950Mbps per port
- Hitless protection of SMPTE-2022 streams

FEATURES

- Two GigE network ports with hardware acceleration for rock-solid streaming of 100+ simultaneous DTV signals
- Simplifies generation and consumption of TS-over-IP streams in your application using DekTec’s acclaimed DTAPI
- Advanced hardware-based IPv4 and IPv6 address matcher to offload the driver
- Dedicated packet-scheduling engine to stream over IP with minimal jitter
- Firmware support for acquiring DTV streams with jitter monitoring
- TCP/IP task offloading to save CPU cycles
- Standard Windows and Linux network stack
- Extensive VLAN support to enhance QoS of critical streams
- Network redundancy with seamless switching, while your application sees a single virtual port for writing or reading



- Low and standard-profile bracket available
- PCI Express x4; Low profile

APPLICATIONS

- Highly-available IP-based encoding, transcoding and multiplexing systems
- TS-over-IP processing of 100s of streams
- Monitoring fully loaded GigE links

KEY ATTRIBUTES

| Parameter | Value |
|-------------------------|--------------------|
| Physical layer | IEEE 802.3ab |
| Number of ports | 2 |
| Data rate | 100/1000 auto |
| Connector | 2x RJ-45 with LEDs |
| IP protocol version | IPv4, IPv6 |
| VLAN | IEEE 802.1Q |
| Maximum aggregated rate | 950Mbps per port |
| Simultaneous streams | 200+ |
| TS-over-IP protocol | UDP or RTP |
| IP FEC | SMPTE 2022-1 |
| IP encapsulation | SMPTE 2022-2 |
| PCI Express | v1.1; PCIe x4 |

PC Requirements

| | |
|-----------|--|
| OS | XP/2k3/Vista/2k8/7/8 Linux ≥2.6.18, 3.x; 32/64bit |
| Platform* | Core i7, 8GB RAM, 64-bit OS |

* Recommended

ORDERING INFORMATION

| Type | Description |
|----------------|--|
| DTA-2162-J-SDP | Dual GigE ports with <i>DtTV</i> , <i>DtGrabber+</i> , <i>DtJitter</i> and <i>StreamXpress</i> |
| DTA-2162-J-SXP | DTA-2162-J-SDP with <i>StreamXpert</i> |
| DTA-2162-OEM | Please contact DekTec for OEM applications of the DTA-2162 |

Please refer to www.dektec.com for the latest pricing and a list of distributors and resellers.