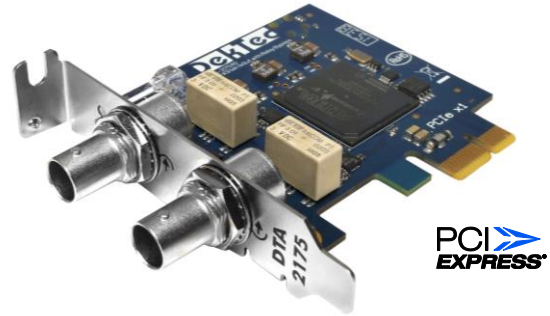


HD-SDI/ASI Input+Output with Relay Bypass

- ❑ Supports HD-SDI, SD-SDI and ASI
- ❑ Relay for creating failsafe applications
- ❑ API to access video, audio and ANC data

FEATURES

- One dedicated HD-SDI/ASI input and one dedicated HD-SDI/ASI output.
- Watchdog-controlled input-to-output relay bypass for failsafe configurations.
- DekTec Matrix API® 2.0 provides convenient access to video, audio and ANC samples, and takes care of the plumbing for creating real-time SDI processing applications.
- Cable equalisation and inverted ASI.
- Bitrate measurement and statistics.
- Flexible receive modes with time-stamping, packet-sequence counting and false-sync pass through for full TR 101 290 support.
- PCI Express gen2 x1, low profile.
- Free drivers and SDK (DTAPI) for Windows and Linux.



APPLICATIONS

- Stream generation, capturing and processing, with relay-based failover for creating highly-available systems.
- Low-latency logo/subtitle insertion.
- Analyze and monitor SDI and Transport Streams with DekTec's StreamXpert and SdEye software.

KEY ATTRIBUTES

| Parameter | Value |
|-----------------------|--|
| Ports | 1x SDI/ASI in, 1x SDI/ASI out |
| Physical layer | DVB-ASI : EN50083-9 SD-SDI: SMPTE 259M HD-SDI: SMPTE 292M |
| Connector | 2x 75-Ω BNC |
| Cable length | SD-SDI – 375m HD-SDI – 210m |
| DekTec Matrix API®2.0 | 8/10/16-bit conversion Audio/video/ANC data extraction Scaling by 1/4 or 1/16 Access to all 16 audio channels |
| PCI-Express | PCIe2 x1 low profile |
| OS | Windows 2k8,2k12,2k16,7,8,10 Linux ≥2.6.32, 3.x, 4.x |

SUPPORTED SDI FORMATS

| Formats |
|--------------------------------------|
| 525i, 625i |
| 720p23.98/24/25/29.97/30/50/59.94/60 |
| 1080p(sf)23.98/24/25/29.97/30 |
| 1080i50/59.94/60 |

ORDERING INFORMATION

| Type | Description |
|--------------|---|
| DTA-2175 | HD-SDI/ASI input + output with bypass relay for PCIe |
| DTA-2175-SLP | DTA-2175 with <i>StreamXpress</i> ® and <i>StreamXpert</i> ® Life |

The latest pricing information and a list of DekTec resellers can be found on www.dektec.com. An OEM version of the DTA-2175 is available upon request. Please contact DekTec for OEM conditions.