DeckLink SDI 4K

DeckLink SDI 4K is perfect when you need an SDI only solution but demand the highest quality SDI capture and playback. You get incredible quality 6G-SDI on any PCI Express Mac, Windows or Linux computer. DeckLink SDI 4K is the world’s smallest and most affordable multi rate SD/HD and Ultra HD SDI video card that lets you connect to any SD, HD-SDI, 2K and Ultra HD equipment. You also get RS-422 deck control, internal keying and reference input for a complete solution for editing, paint, design and more.

$295

Connections

**SDI Video Inputs**

**SDI Video Outputs**

**SDI Audio Inputs**
16 Channels embedded in HD/2K/4K. 8 Channels embedded in SD.

**SDI Audio Outputs**
16 Channels embedded in HD/2K/4K. 8 Channels embedded in SD.

**Sync Input**
Tri-Sync or Black Burst.

**Device Control**
Sony™ compatible RS422 deck control ports. Serial ports TxRx direction reversible under software control.

**Computer Interface**
PCI Express 4 lane generation 2, compatible with 4,8 and 16 lane PCI Express slots.
Supported Codecs


Software

Software Included
Media Express, Disk Speed Test, LiveKey, Blackmagic Desktop Video Utility and Blackmagic driver on Mac OS and Windows. Media Express, Blackmagic Desktop Video Utility and Blackmagic driver on Linux.

Internal Software Upgrade
Firmware built into software driver. Loaded at system start or via updater software.

Physical Installation
PCI Express 4 lane generation 2, compatible with 4, 8, 16 lane PCI Express slots on Mac OS, Windows and Linux. Please check the Support pages to see the full system requirements.
Software Applications


Video Standards

**SD Video Standards**
525i59.94 NTSC, 625i50 PAL

**HD Video Standards**
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p30, 1080p50, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

**2K Video Standards (SDI Only)**
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p

**Ultra HD Video Standards**
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30

**4K Video Standards**
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p

**SDI Compliance**

**SDI Metadata Support**
RP 188/SMPTE 12M-2 and closed captioning.

**Audio Sampling**
Television standard sample rate of 48 kHz at 24 bit.

**Video Sampling**
4:2:2 and 4:4:4*
*4K is 4:2:2

**Color Precision**
10-bit.

**Color Space**
REC 601, REC 709.

**Multiple Rate Support**
SDI video connections are switchable between SD/HD/2K and UHD.
Processing

**HD Down Conversion**
Built in, high quality hardware down converter outputs HD or SD on SDI output. Selectable between letterbox, anamorphic 16:9 and center cut 4:3 styles.

**HD Up Conversion**
Software based up conversion from SD to 720HD or 1080HD on capture. Selectable between 4:3 pillarbox, 14:9 pillarbox and 16:9 zoom.

**Cross Conversion**
Software based cross conversion from 720HD to 1080HD and 1080HD to 720HD on playback.

**Real Time Effects**
DaVinci Resolve, Final Cut Pro X internal effects. Premiere Pro CC Mercury Playback Engine effects. Avid Media Composer internal effects.

**Colorspace Conversion**
Hardware based real time.

Operating Systems

- **Mac**
  - Mac 10.13 High Sierra, Mac 10.14 Mojave or later.

- **Windows**
  - Windows 7, 8.1 and 10, all 64-bit.

- **Linux**

Power Requirements

**Power Consumption**
11 Watts

EMC Certifications

- FCC, CE and C-Tick.
Physical Specifications

![Image of DeckLink SDI 4K](image)

Environmental Specifications

<table>
<thead>
<tr>
<th><strong>Operating Temperature</strong></th>
<th><strong>Storage Temperature</strong></th>
<th><strong>Relative Humidity</strong></th>
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<tbody>
<tr>
<td>5° to 40° C (32° to 104° F)</td>
<td>-20° to 45° C (-4° to 113° F)</td>
<td>0% to 90% non-condensing</td>
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What's Included

DeckLink SDI 4K
SD card with software and manual

Warranty

3 Year Limited Manufacturer's Warranty.