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

- DaVinci Resolve
- Fusion
- Final Cut Pro X
- Adobe Premiere Pro CC
- Avid Media Composer
- Adobe After Effects CC
- Avid Pro Tools
- Steinberg Cubase
- Autodesk Smoke
- Adobe Photoshop CC


### 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 10.13 High Sierra, Mac 10.14 Mojave or later.

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

Environmental Specifications

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
<th>Relative Humidity</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.