DeckLink Duo 2

Featuring 4 independent 3G-SDI connections, DeckLink Duo 2 is a PCI Express capture and playback card that supports SDI formats in SD and HD up to 1080p60! You get the flexibility of 4 separate capture or playback cards in one! Plus, it's completely customizable so it's perfect for media play-out systems, multi screen digital signage servers, real time multi channel capture systems and more!

$495

Connections

SDI Video Inputs
4 x bidirectional 12-bit SD/HD independently configurable as either Input or Output.

SDI Video Outputs
4 x bidirectional 12-bit SD/HD independently configurable as either Input or Output.

SDI Audio Inputs
16 channels embedded in SD and HD.

SDI Audio Outputs
16 channels embedded in SD and HD.

Sync Input
Tri-Sync or Black Burst.

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**
P1CI Express 4 lane generation 2, compatible with 4 and 8 lane PCI Express slots on Mac OS, Windows and Linux. Mac OS systems require a Mac Pro computer with PCI Express slots. Please check the Support pages to see the full system requirements.
Software Applications

Other supported applications include:

Video Standards

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

HD Video Standards
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

SDI Compliance

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

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

SDI Color Precision
8, 10, 12-bit RGB 4:4:4 in all modes up to 1080p30 and 8, 10-bit YUV 4:2:2 in all modes. 12-bit RGB 4:4:4 only supported in playback.

SDI Video Sampling
8, 10, 12-bit RGB 4:4:4 in all modes up to 1080p30 and 8, 10-bit YUV 4:2:2 in all modes. 12-bit RGB 4:4:4 only supported in playback.

Color Space
REC 601, REC 709
Processing

**Colorspace Conversion**
Hardware based real time.

**HD Down Conversion**
Built in, high quality software down converter on playback and capture. Down converted SD selectable between letterbox and anamorphic 16:9 styles.

**HD Up Conversion**
Built in, high quality software up converter from SD to 720HD or 1080HD on input. Selectable between 4:3 pillarbox, 14:9 zoom and 16:9 zoom.

**Cross Conversion**
Built in, high quality software cross conversion from 720HD to 1080HD, 1080HD to 720HD on playback.

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

Physical Specifications

Operating Systems

Mac 10.11 El Capitan, Mac 10.12 Sierra, Mac 10.13 High Sierra or later.

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

Linux
Power Requirements

**Power Consumption**
10 Watts

EMC Certifications

FCC, CE and C-Tick

Environmental Specifications

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<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 Duo 2
SD card with software and manual

Warranty

3 Year Limited Manufacturer's Warranty

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