DeckLink Quad 2

DeckLink Quad 2 features 8 independent SDI capture and playback channels in a single card! Fully compatible with the previous 4 channel model, this new model also allows 4 independent capture and playback channels but now also includes 4 extra channels that developers can use for configuring the card in any combination of up to 8 capture or 8 playback channels. This means DeckLink Quad 2 allows each of the 8 3G-SDI BNC connectors to switch direction between capture or playback in SD and HD up to 1080p60 and as a complete independent channel.

$995

Connections

SDI Video Inputs
8 x bi-directional 12-bit SD/HD independently configurable as either Input or Output.

SDI Video Outputs
8 x bi-directional 12-bit SD/HD independently configurable as either Output or Input.

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 8 lane generation 2, compatible with 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 8 lane generation 2, compatible with 8 and 16 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

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


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, 1080p59.94, 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

Colorsapce 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 conversion from SD to 720HD or 1080HD on capture. Selectable between 4:3 pillarbox, 14:9 zoom and 16:9 zoom.

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

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**Physical Specifications**

**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**
22 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>
</tr>
</tbody>
</table>

What's Included

DeckLink Quad 2
SD card with software and manual

Warranty

3 Year Limited Manufacturer's Warranty.