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

AVC-Intra, AVCHD, Canon XF MPEG2,
Digital SLR, DV-NTSC, DV-PAL,
DVCPRO50, DVCPROHD, DPX, HDV,
XDCAM EX, XDCAM HD, XDCAM
HD422, DNxHR & DNxHD, Apple
ProRes 4444, Apple ProRes 422 HQ,
Apple ProRes 422, Apple ProRes LT,
Apple ProRes 422 Proxy,
Uncompressed 8-bit 4:2:2,
Uncompressed 10-bit 4:2:2,

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

Adobe Premiere Pro CC

Final Cut Pro X

Adobe After Effects CC

Avid Media Composer

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.

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

**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.

**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 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.

### Physical Specifications

![DeckLink Quad 2 - Technical Specifications](image)

<table>
<thead>
<tr>
<th>Power Consumption</th>
<th>22 Watts</th>
</tr>
</thead>
</table>

### Operating Systems

- **Mac 10.13 High Sierra, Mac 10.14 Mojave or later.**
- **Windows 7, 8.1 and 10, all 64-bit.**
- **Linux**
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°C to 40°C (32°F to 104°F)</td>
<td>-20°C to 45°C (-4°F 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.

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