

# DeckLink Quad 2



\$995

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 connectors to switch direction between capture or playback in SD and HD up to 1080p60 and as a complete independent channel.

## 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

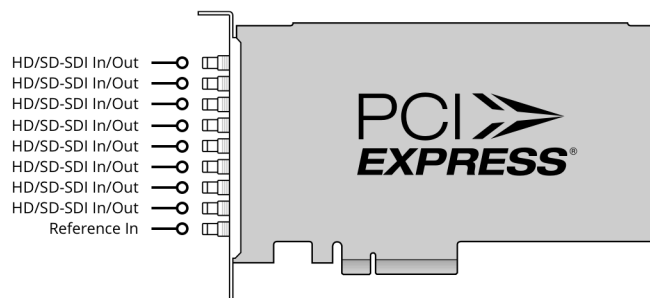
16 channels embedded in SD and HD.

### Sync Input

Tri-Sync or Black Burst.

### Computer Interface

PCI Express 8 lane generation 2, compatible with 8 and 16 lane PCI Express slots.



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## 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, Uncompressed 10-bit 4:4:4.

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## 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.

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## 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

**Other supported applications include:** The Foundry Nuke, Grass Valley Edius, Sony Catalyst Production Suite, Tools On Air Just: Play & Live & In, Softron MovieRecorder & MReplay, Adobe Flash Media Live Encoder, Telestream Wirecast, Livestream Producer, Resolume Arena, Magix Vegas Pro & Movie Edit Pro Premium, Corel VideoStudio Pro, CyberLink PowerDirector, Vidblaster X & Studio & Broadcast, Uniplay One & CG, CasparCG Server, Magicsoft CG, Xsplit Broadcaster, Imagine Communications Velocity & InfoCaster, DevTek Easy Media Suite, Metus Ingest, Boinx Software MimoLive, Cinegy Capture Pro, vMix Live, Renewed Vision ProPresenter, Ventuz Director, Class X Liveboard & Coral CG, Glookast Capturer, Open Broadcaster Software Studio, Nautilus NEMO3D, Burst Video WebClip2Go & [REC]Marker, Autodesk Flame, Zoom. These are third party applications and support may vary, check with your software vendor.

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## 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

SMPTE 259M, SMPTE 292M, SMPTE  
296M, SMPTE 372M, SMPTE 425M,  
ITU-R BT.656 and ITU-R BT.601.

### 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, REC 2020.

### HDR Support

HDR static metadata packing, HLG  
and PQ transfer characteristics.

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## 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

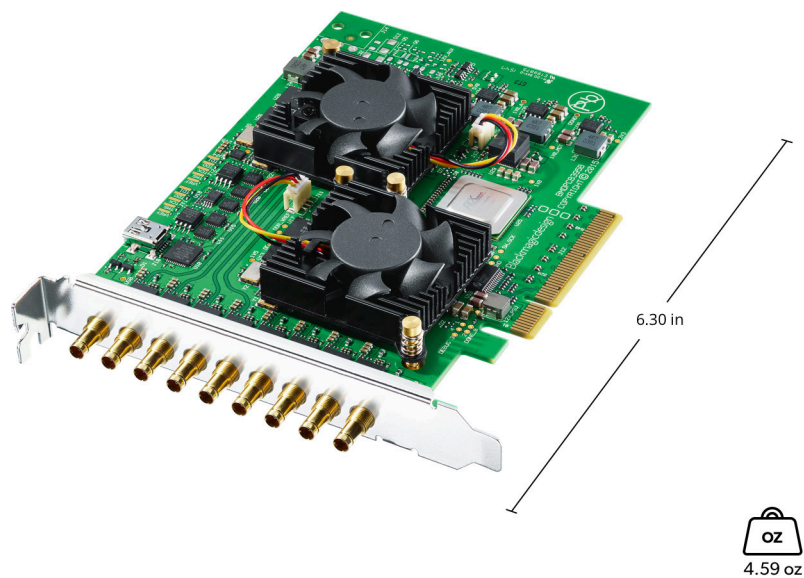
Built in, high quality hardware cross conversion from 720HD to 1080HD on playback, 1080HD to 720HD on playback.

### 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



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## Operating Systems



Mac 11.1 Big Sur,  
Mac 12.0 Monterey or later.



Windows 10, 64-bit.  
Windows 11.



Linux

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## Power Requirements

### Power Consumption

22 Watts

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## Environmental Specifications

### Operating Temperature

5° to 40° C (32° to 104° F)

### Storage Temperature

-20° to 45° C (-4° to 113° F)

### Relative Humidity

0% to 90% non-condensing

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## What's Included

DeckLink Quad 2

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## Warranty

3 Year Limited Manufacturer's Warranty.

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