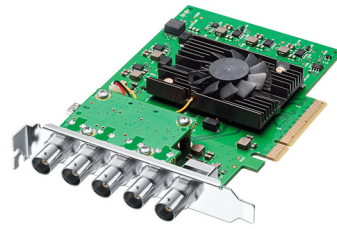


DeckLink 4K Pro



DeckLink 4K Pro is a high performance PCIe capture and playback card with advanced 12G-SDI for working with the latest high frame rate Ultra HD and DCI 4K formats at up to 60 frames per second! Ideal for both traditional 2D and high end 3D stereoscopic workflows, you get support for full resolution, deep color YUV and 12-bit RGB 4:4:4 images. DeckLink 4K Pro features two multi rate 12G-SDI inputs and outputs with support for 16 channels of embedded audio, along with a connection for reference input. Because the connections are multi rate, it works with virtually every SD, HD, Ultra HD and 4K format. DeckLink 4K Pro is perfect for high end film, television, and commercial editing, visual effects, and color grading projects.

\$595

Connections

SDI Video Input

2 x 12Gb/s SD/HD/2K/4K. Supports single link and dual link 4:2:2/4:4:4.

SDI Audio Input

16 Channels embedded in SD/HD/2K/4K.

Sync Input

Black burst in SD, 720p50, 720p59.94, 1080i50 and 1080i59.94 formats or Tri-Sync in any HD format.

SDI Video Output

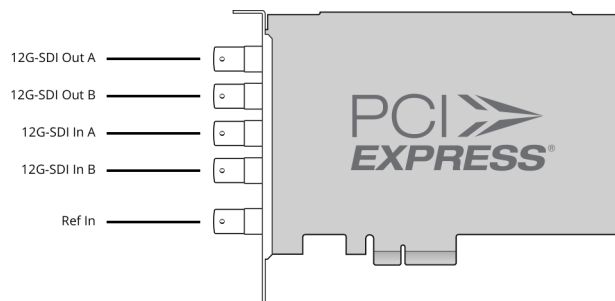
2 x 12Gb/s SD/HD/2K/4K. Supports single link and dual link 4:2:2/4:4:4.

SDI Audio Output

16 Channels embedded in SD/HD/2K/4K.

Computer Interface

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



Codecs

Supports: AVC-Intra, AVCHD, Canon XF MPEG2, Digital SLR, DV-NTSC, DV-PAL, DVCPRO50, DVCPROHD, DPX, HDV, XDCAM EX, XDCAM HD, XDCAM HD422, 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.

Software

Software Included

DaVinci Resolve, Media Express, Disk Speed Test, LiveKey, Blackmagic Desktop Video Utility and Blackmagic driver on Mac OS X and Windows. 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, 16 lane PCI Express slots on Mac OS X, Windows and Linux. Please check the Support pages to see the full system requirements.

Software Applications



DaVinci Resolve



Fusion



Final Cut Pro X



Premiere Pro CC



Avid Media Composer



After Effects CC



Avid Pro Tools



Steinberg Cubase



Autodesk Smoke



Photoshop CC

Other supported applications include: Nuke, Steinberg Nuendo, Avid Symphony, Avid News Cutter, Tools On Air just:in & live:cut & just:play & just:live, Softron OnTheAir, MovieRecorder and OnTheAir CG, Flash Media Live Encoder, Wirecast, Livestream Procaster, Resolume Avenue 4, Sony Vegas Pro, Corel VideoStudio Pro X4, CyberLink Power Director, MAGIX Video Pro X4, Vidblaster Pro & Studio & Broadcast, Uniplay, Playbox AirBox, CasparCG, Magicsoft CG, Xsplit Broadcaster, Imagine Communications Velocity & InfoCaster.

Video Standards

SD Format Support

525i29.97 NTSC, 625i25 PAL

HD Format Support

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

2K Format Support

2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI
25PsF

Ultra HD Format Support

2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30, 2160p50,
2160p59.94, 2160p60

4K Format Support

4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p

SDI Compliance

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

SDI Metadata Support

VITC read for 3:2 pulldown removal.
VANC capture and playback using up
to 3 lines of video in file. HD RP188.
Closed captioning.

Audio Sampling

Television standard sample rate of
48 kHz at 24-bit.

SDI Video Sampling

4:2:2, 4:4:4 and 4:4:4:4

SDI Color Precision

8, 10-bit YUV 4:2:2 and 8, 10, 12-bit
RGB 4:4:4 in HD, 2K and 4K

Color Space

REC 601, REC 709

Multiple Rate Support

SDI video connections are switchable
between SD/HD/2K and 4K.

Processing

Colorspace Conversion

Hardware based real time on output.

3D Processing

Left eye/right eye dual stream capture & playback.

Ultra HD to HD Down Conversion

Built in, high quality hardware down converter outputs Ultra HD to HD or HD to SD down converted signal on SDI B. Down converted SD selectable between letterbox, anamorphic 16:9 and center cut 4:3 styles.

HD Up Conversion

Built in, high quality hardware up conversion from SD to 720HD or 1080HD on playback. Selectable between 4:3 pillarbox, 14:9 zoom and 16:9 zoom.

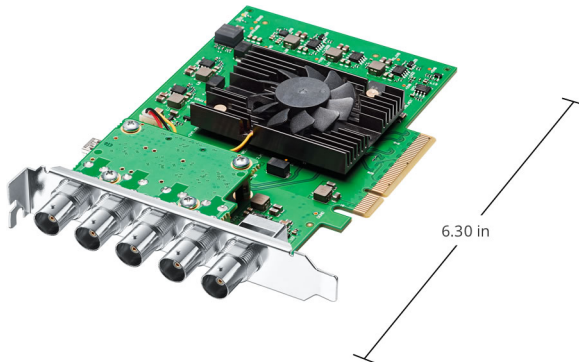
HD Cross Conversion

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

Real Time Effects

Final Cut Pro X internal effects. Premiere Pro CC Mercury Playback Engine effects. Avid Media Composer internal effects. DaVinci Resolve.

Physical Specifications




8.21 oz

Operating Systems



Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan or later.



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



Linux

EMC Certifications

FCC, CE and C-Tick

Environmental Specifications

Operating Temperature

5° to 40° C (41° to 104° F)

Storage Temperature

-20° to 45° C (-4° to 113° F)

Relative Humidity

0% to 90% non-condensing

What's Included

DeckLink 4K Pro
SD card with software and manual

Warranty

3 Year Limited Manufacturer's Warranty.

All items on this website are copyright Blackmagic Design Pty. Ltd. 2017, all rights reserved.
All trademarks are property of their respective owners. MSRP excludes sales taxes/duties and shipping costs.

Blackmagic Design Authorized Reseller