

DeckLink 8K Pro



£495

The ultimate digital cinema capture card! DeckLink 8K Pro features four quad link 12G-SDI connections and works in all SD, HD, Ultra HD, 4K and 8K DCI frame sizes. You get support for 8 and 10-bit YUV 4:2:2, as well as 10 and 12-bit RGB 4:4:4 with full Rec. 2020 color. In addition, you can work at up to 60 frames per second in HD, 4K and 8K. The four 12G-SDI connections support 16 channels of embedded audio each, for a total of 64 channels. DeckLink 8K Pro is perfect for the next generation of high resolution, high frame rate and high dynamic range workflows!

Connections

SDI Video Inputs

4 x bi-directional 12Gb/s SD/HD/2K/4K/8K. Supports single, dual link and quad link 4:2:2/4:4:4. 2D/3D switchable.

SDI Video Outputs

4 x bi-directional 12Gb/s SD/HD/2K/4K/8K. Supports single, dual link and quad link 4:2:2/4:4:4. 2D/3D switchable.

SDI Audio Inputs

16 Channels embedded in SD/HD/2K.

64 Channels embedded in 4K/8K.

SDI Audio Outputs

16 Channels embedded in SD/HD/2K.

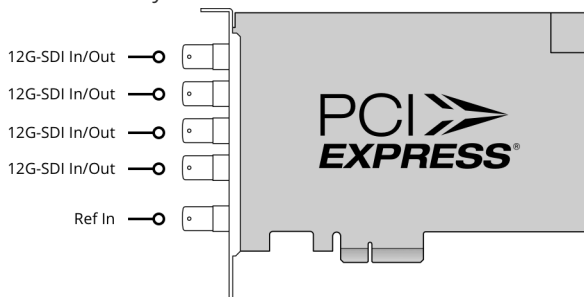
64 Channels embedded in 4K/8K.

Sync Input

Tri-Sync or Black Burst.

Computer Interface

PCI Express 8 lane generation 3, 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,
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 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 3,
compatible with 8, 16 lane PCI
Express slots on Mac OS, Windows
and Linux. Please check the Support
pages to see the full
system requirements.

Software Applications



DaVinci Resolve



Avid Media Composer



Autodesk Smoke



Fusion



Adobe After Effects CC



Adobe Photoshop CC



Final Cut Pro X



Avid Pro Tools



Adobe Premiere Pro CC



Steinberg Cubase

Other supported applications include: The Foundry Nuke, Grass Valley Edius, Steinberg Nuendo, 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.
8K playback and capture is application dependent, check with your software vendor.

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

2K Video Standards

2K DCI 23.98p, 2K DCI 24p, 2K DCI
25p, 2K DCI 29.97p, 2K DCI 30p, 2K
DCI 50p, 2K DCI 59.94p, 2K DCI 60p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K
DCI 25PsF, 2K DCI 29.97PsF, 2K DCI
30PsF

Ultra HD Video Standards

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

4K Video Standards

4K DCI 23.98p, 4K DCI 24p, 4K DCI
25p, 4K DCI 29.97p, 4K DCI 30p, 4K
DCI 50p, 4K DCI 59.94p, 4K DCI 60p

8K Video Standards

8K 23.98p, 8K 24p, 8K 25p, 8K 29.97p,
8K 30p, 8K 50p, 8K 59.94p, 8K 60p

8K DCI Video Standards

8K DCI 23.98p, 8K DCI 24p, 8K DCI
25p, 8K DCI 29.97p, 8K DCI 30p, 8K
DCI 50p, 8K DCI 59.94p, 8K DCI 60p

3D SDI 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
2K DCI 23.98p, 2K DCI 24p, 2K DCI
25p, 2K DCI 29.97p, 2K DCI 30p, 2K
DCI 50p, 2K DCI 59.94p, 2K DCI 60p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K
DCI 25PsF, 2K DCI 29.97PsF, 2K DCI
30PsF
4K DCI 23.98p, 4K DCI 24p, 4K DCI
25p, 4K DCI 29.97p, 4K DCI 30p, 4K
DCI 50p, 4K DCI 59.94p, 4K DCI 60p
2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30, 2160p50,
2160p59.94, 2160p60

SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE
296M SMPTE 372M, SMPTE 425M,
SMPTE 435, SMPTE 2081, SMPTE
2082, 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 at 24-bit.

SDI Video Sampling

4:2:2, 4:4:4

SDI Color Precision

8, 10, 12-bit RGB 4:4:4 in all modes up
to 8K DCI 30p, and 8, 10-bit YUV 4:2:2
in all modes.

Color Space

REC 601, REC 709, REC 2020.

Multiple Rate Support

SDI video connections are switchable
between SD/HD/2K/4K and 8K.

Processing

Colorspace Conversion

Hardware based real time on output.

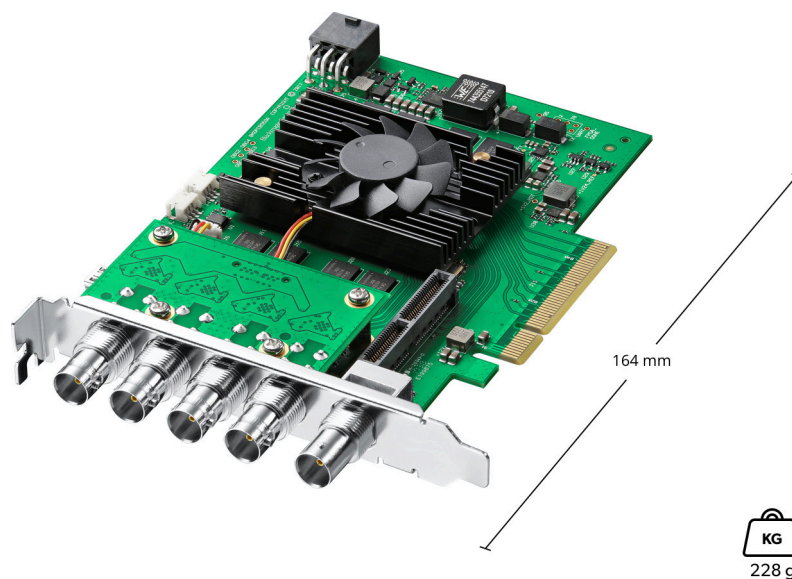
3D Processing

Left eye/right eye dual stream
capture & 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



macOS 10.12 Sierra,
macOS High Sierra 10.13 or later.



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



Linux

Power Requirements

Power Consumption

19 Watt

EMC Certifications

EMC, FCC, CE, KCC and C-Tick

Environmental Specifications

Operating Temperature:

5° to 50° C (41° to 122° F)

Storage Temperature:

-20° to 60° C (-4° to 140° F)

Relative Humidity:

0% to 90% non-condensing

What's Included

DeckLink 8K Pro
SD card with software and manual

Warranty

3 Year Limited Manufacturer's Warranty.

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