DeckLink 8K Pro

The ultimate digital cinema capture card! DeckLink 8K Pro features four bi-directional 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 up to 64 channels of embedded audio. 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


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


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
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**SDI Compliance**
- SMPTE 259M, SMPTE 292M, SMPTE 296M

**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.

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**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.

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**Physical Specifications**

[Image of DeckLink 8K Pro - Technical Specifications]

- DeckLink 8K Pro - Technical Specifications
- Page 4 of 6
Operating Systems

Mac 10.12 Sierra, Mac 10.13 High Sierra 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

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<th>Operating Temperature:</th>
<th>Storage Temperature:</th>
<th>Relative Humidity:</th>
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<tbody>
<tr>
<td>5° to 50° C (41° to 122° F)</td>
<td>-20° to 60° C (-4° to 140° F)</td>
<td>0% to 90% non-condensing</td>
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What's Included

DeckLink 8K Pro
SD card with software and manual

Warranty

3 Year Limited Manufacturer's Warranty.