DeckLink 8K Pro

DeckLink 8K Pro works in all SD, HD, Ultra HD, 4K and 8K frame sizes making it the ultimate digital cinema capture card! The four 12G-SDI connections are bi-directional for quad link 8K capture or playback. You can also use the free DeckLink SDK to configure up to 4 video streams in any direction, format or frame rate up to 4K DCI 60p, for true multi channel capture and playback. DeckLink 8K Pro supports 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 120 frames per second in HD and 4K and up to 60 frames per second in 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!

$645

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
Fusion
Final Cut Pro X
Adobe Premiere Pro CC
Avid Media Composer
Adobe After Effects CC
Avid Pro Tools
Steinberg Cubase
Autodesk Smoke
Adobe Photoshop CC


8K playback and capture is application dependent, check with your software vendor.

Video Standards

SD Video Standards
525i59.94 NTSC, 625i60 PAL

HD Video Standards
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p47.95, 1080p48, 1080p50, 1080p59.94, 1080p60, 1080p59.90, 1080p96, 1080p100, 1080p119.88, 1080p120, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080i50, 1080i59.94, 1080i60

2K Video Standards
2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI, 2Kp29.97 DCI, 2Kp30 DCI, 2Kp47.95 DCI, 2Kp48 DCI, 2Kp50 DCI, 2Kp59.94 DCI, 2Kp60 DCI, 2Kp59.90 DCI, 2Kp96 DCI, 2Kp100 DCI, 2Kp119.88 DCI, 2Kp120 DCI, 2KPsF23.98 DCI, 2KPsF24 DCI, 2KPsF25 DCI, 2KPsF29.97 DCI, 2KPsF30 DCI

4K Video Standards
4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI, 4Kp29.97 DCI, 4Kp30 DCI, 4Kp47.95 DCI, 4Kp48 DCI, 4Kp50 DCI, 4Kp59.94 DCI, 4Kp60 DCI, 4Kp59.90 DCI, 4Kp96 DCI, 4Kp100 DCI, 4Kp119.88 DCI, 4Kp120 DCI

Ultra HD Video Standards
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p47.95, 2160p48, 2160p50, 2160p59.94, 2160p60, 2160p95.90, 2160p96, 2160p100, 2160p119.88, 2160p120

8K Video Standards
4320p23.98, 4320p24, 4320p25, 4320p29.97, 4320p30, 4320p47.95, 4320p48, 4320p50, 4320p59.94, 4320p60

8K DCI Video Standards
8Kp23.98 DCI, 8Kp24 DCI, 8Kp25 DCI, 8Kp29.97 DCI, 8Kp30 DCI, 8Kp47.95 DCI, 8Kp48 DCI, 8Kp50 DCI, 8Kp59.94 DCI, 8Kp60 DCI
### 3D SDI Video Standards

- 720p50, 720p59.94, 720p60
- 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p47.95, 1080p48, 1080p50, 1080p59.94, 1080p60, 1080p59.90, 1080p96, 1080p100, 1080p119.88, 1080p120
- 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30
- 1080i50, 1080i59.94, 1080i60
- 2KPsF23.98 DCI, 2KPsF24 DCI, 2KPsF25 DCI, 2KPsF29.97 DCI, 2KPsF30 DCI
- 4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI, 4Kp29.97 DCI, 4Kp30 DCI, 4Kp47.95 DCI, 4Kp48 DCI, 4Kp50 DCI, 4Kp59.94 DCI, 4Kp60 DCI, 4Kp95.90 DCI, 4Kp96 DCI, 4Kp100 DCI, 4Kp119.88 DCI, 4Kp120 DCI
- 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p47.95, 2160p48, 2160p50, 2160p59.94, 2160p60, 2160p95.90, 2160p96, 2160p100, 2160p119.88, 2160p120

### SDI Compliance

- SMPTE 259M, SMPTE 274M, SMPTE 292M, SMPTE 296M
- SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2036-1, SMPTE 2048-1
- SMPTE 2081-10, SMPTE 2081-11, SMPTE 2081-12, SMPTE 2082-10, SMPTE 2082-11, SMPTE 2082-12 and SMPTE ST2108-1

### 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 8Kp30 DCI, 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 and 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

Mac 10.14 Mojave, Mac 10.15 Catalina or later.

Windows 8.1 and 10, both 64-bit.

Linux

Power Requirements

Power Consumption
19 Watt

EMC Certifications

FCC, CE, RCM and KC

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

Warranty

3 Year Limited Manufacturer's Warranty.

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