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 8K and 120 frames per second in HD and 4K. 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!

Download Manual  Download Software

Connections

**SDI Video Inputs**
4 x bi-directional 12Gbps 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 12Gbps 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
- Adobe Premiere Pro CC
- Avid Pro Tools
- Fusion
- Avid Media Composer
- Steinberg Cubase
- Final Cut Pro X
- Adobe After Effects CC
- Autodesk Smoke

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
- 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 30PsF
- 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
- 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080i50, 1080i59.94, 1080i60
- 2K DCI 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
- 3D 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

SDI Compliance
- 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 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

**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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