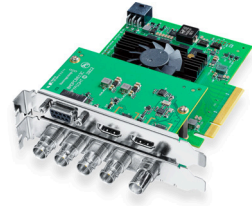


## DeckLink 8K Pro G2



Die DeckLink 8K Pro G2 verfügt über vier bidirektionale 12G-SDI- und HDMI-2.1-Anschlüsse, alle mit Unterstützung für SD-, HD-, Ultra-HD-, 4K- und 8K-Formate. Das macht sie zur ultimativen professionellen 8K-PCIe-Capture und Playback Karte für die Spielfilmproduktion. Für echte Mehrkanalaufzeichnung und -wiedergabe können Sie mit dem kostenlosen DeckLink SDK zudem bis zu vier Videostreams in jede Richtung, jedem Format und jeder Framerate bis 4K DCI 60p konfigurieren. Die DeckLink 8K Pro G2 unterstützt 8- und 10-Bit-YUV mit 4:2:2-Farbtastung sowie 10- und 12-Bit-RGB mit 4:4:4 mit dem vollen Rec. 2020 Farbraum. Außerdem können Sie in HD und 4K bei bis zu 120 fps und in 8K bei bis zu 60 fps arbeiten. Die vier 12G-SDI-Anschlüsse unterstützen bis zu 64 Kanäle eingebettetes Audio. Die DeckLink 8K Pro G2 ist perfekt für die nächste Generation von Workflows mit hoher Auflösung, hoher Framerate und High Dynamic Range!

### Anschlüsse

#### SDI-Videoeingänge

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

#### SDI-Videoausgänge

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

#### SDI-Audioeingänge

16 Channels embedded in SD/HD/2K.  
64 Channels embedded in 4K/8K.

#### SDI-Audioausgänge

16 Channels embedded in SD/HD/2K.  
64 Channels embedded in 4K/8K.

#### HDMI-Videoeingänge

1 x HDMI 2.1

#### HDMI-Videoausgänge

1 x HDMI 2.1

#### HDMI-Audioeingänge

8 Channels embedded in TMDS.  
32 Channels embedded in FRL.

#### HDMI-Audioausgänge

8 Channels embedded in TMDS.  
32 Channels embedded in FRL.

#### Sync-Eingang

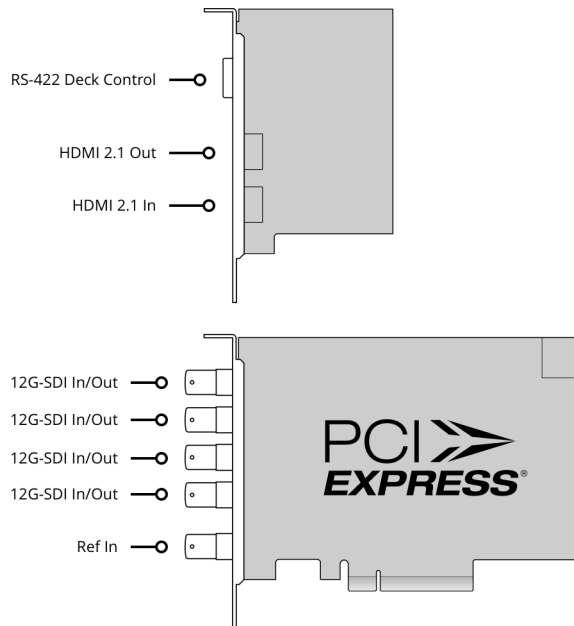
Tri-Sync or Black Burst.

#### Fernsteuerung

1 x RS-422 Out

#### Computer-Schnittstelle

PCI Express 8 lane generation 3,  
compatible with 8 and 16 lane PCI  
Express slots.



## Unterstützte Codecs

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

### Inbegriffene Software

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.

### Produktsoftware-Upgrade

Firmware built into software driver.  
 Loaded at system start or via  
 updater software.

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## Physische Installation

PCI Express 8 lane generation 3, compatible with 8, 16 lane PCI Express slots on Mac OS, Windows and Linux. Requires 2 PCI slots plus connection to computer power supply. Please check the Support pages to see the full system requirements.

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## Software-Anwendungen



DaVinci Resolve



Fusion



Final Cut Pro



Adobe Premiere Pro



Avid Media Composer



Adobe After Effects



Avid Pro Tools



Steinberg Cubase



Autodesk Flame



Adobe Photoshop

**Other supported applications include:** Steinberg Nuendo, Open Broadcaster Software Studio, vMix, The Foundry Nuke, Grass Valley Edius X, Sony Catalyst Production Suite, Tools On Air Just: Play & Live & In, Softron MovieRecorder & MReplay, Adobe Flash Media Live Encoder, Telestream Wirecast, Resolume Arena, Vegas Creative Software Vegas Pro & Vegas Edit, Corel VideoStudio Pro, CyberLink PowerDirector, VidblasterX Studio & Broadcast, CasparCG Server, Magicsoft CG, Xsplit Broadcaster, DevTek Easy Media Suite, Metus Ingest, Boinx Software MimoLive, Cinegy Capture Pro, Renewed Vision ProPresenter, Ventuz Director, Class X Liveboard & Coral CG, Glookast Capturer, Nautilus Studio NEMO3D, Derivative TouchDesigner, Assimilate Scratch & Live Assist, Burst Video WebClip2Go & [REC]Marker, NewBlue Title Live & Titler Pro, SGO Mistika, Zoom.

Dies sind Anwendungen von Drittanbietern. Informieren Sie sich bei Ihrem Softwarevertreiber über die Kompatibilität.

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## SDI-Videonormen

### SD-Videonormen

525i/59,94 NTSC; 625i/50 PAL

### HD-Videonormen

720p/50; 720p/59,94; 720p/60  
1080i/50; 1080i/59,94; 1080i/60  
1080p/23,98; 1080p/24; 1080p/25;  
1080p/29,97; 1080p/30; 1080p/47,95;  
1080p/48; 1080p/50; 1080p/59,94;  
1080p/60; 1080p/95,90; 1080p/96;  
1080p/100; 1080p/119,88; 1080p/120  
1080PsF/23,98; 1080PsF/24; 1080PsF/  
25; 1080PsF/29,97; 1080PsF/30

### 2K-Videonormen

2Kp/23,98 DCI; 2Kp/24 DCI; 2Kp/  
25 DCI; 2Kp/29,97 DCI; 2Kp/30 DCI;  
2Kp/47,95 DCI; 2Kp/48 DCI; 2Kp/  
50 DCI; 2Kp/59,94 DCI; 2Kp/60 DCI;  
2Kp/95,90 DCI; 2Kp/96 DCI; 2Kp/  
100 DCI; 2Kp/119,88 DCI; 2Kp/120 DCI  
2KPsF/23,98 DCI; 2KPsF/24 DCI;  
2KPsF/25 DCI; 2KPsF/29,97 DCI;  
2KPsF/30 DCI

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**Ultra-HD-Videonormen**

2160p/23,98; 2160p/24; 2160p/25;  
2160p/29,97; 2160p/30; 2160p/47,95;  
2160p/48; 2160p/50; 2160p/59,94;  
2160p/60; 2160p/95,90; 2160p/96;  
2160p/100; 2160p/119,88; 2160p/120

**4K-Videonormen**

4Kp/23,98 DCI; 4Kp/24 DCI; 4Kp/  
25 DCI; 4Kp/29,97 DCI; 4Kp/30 DCI;  
4Kp/47,95 DCI; 4Kp/48 DCI; 4Kp/  
50 DCI; 4Kp/59,94 DCI; 4Kp/60 DCI;  
4Kp/95,90 DCI; 4Kp/96 DCI; 4Kp/  
100 DCI; 4Kp/119,88 DCI; 4Kp/120 DCI

**8K-Videonormen**

4320p/23,98; 4320p/24; 4320p/25;  
4320p/29,97; 4320p/30; 4320p/47,95;  
4320p/48; 4320p/50; 4320p/59,94;  
4320p/60

**8K-DCI-Videonormen**

8Kp/23,98 DCI; 8Kp/24 DCI; 8Kp/  
25 DCI; 8Kp/29,97 DCI; 8Kp/30 DCI;  
8Kp/47,95 DCI; 8Kp/48 DCI; 8Kp/  
50 DCI; 8Kp/59,94 DCI; 8Kp/60 DCI

**3D-SDI-Videonormen**

720p/50; 720p/59,94; 720p/60  
1080p/23,98; 1080p/24; 1080p/25;  
1080p/29,97; 1080p/30; 1080p/47,95;  
1080p/48; 1080p/50; 1080p/59,94;  
1080p/60; 1080p/95,90; 1080p/96;  
1080p/100; 1080p/119,88; 1080p/120  
1080PsF/23,98; 1080PsF/24; 1080PsF/  
25; 1080PsF/29,97; 1080PsF/30  
1080i/50; 1080i/59,94; 1080i/60  
2Kp/23,98 DCI; 2Kp/24 DCI; 2Kp/  
25 DCI; 2Kp/29,97 DCI; 2Kp/30 DCI;  
2Kp/47,95 DCI; 2Kp/48 DCI; 2Kp/  
50 DCI ; 2Kp/59,94 DCI; 2Kp/60 DCI;  
2Kp/95,90 DCI; 2Kp/96 DCI; 2Kp/  
100 DCI; 2Kp/119,88 DCI; 2Kp/120 DCI  
2KPsF/23,98 DCI; 2KPsF/24 DCI;  
2KPsF/25 DCI; 2KPsF/29,97 DCI;  
2KPsF/30 DCI  
4Kp/23,98 DCI; 4Kp/24 DCI; 4Kp/  
25 DCI; 4Kp/29,97 DCI; 4Kp/30 DCI;  
4Kp/47,95 DCI; 4Kp/48 DCI; 4Kp/  
50 DCI; 4Kp/59,94 DCI; 4Kp/60 DCI;  
4Kp/95,90 DCI; 4Kp/96 DCI; 4Kp/  
100 DCI; 4Kp/119,88 DCI; 4Kp/120 DCI  
2160p/23,98; 2160p/24; 2160p/25;  
2160p/29,97; 2160p/30; 2160p/47,95;  
2160p/48; 2160p/50; 2160p/59,94;  
2160p/60; 2160p/95,90; 2160p/96;  
2160p/100; 2160p/119,88; 2160p/120

**SDI-Konformität**

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

**Unterstützte SDI-Metadaten**

RP 188/SMPTE 12M-2 and  
closed captioning.

**Audioabtastung**

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

**SDI-Videoabtastfrequenz**

4:2:2; 4:4:4

**SDI-Farbgenauigkeit**

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.

**Farbräume**

REC 601, REC 709, REC 2020.

**HDR-Unterstützung**

Statische HDR-Metadatenpakete,  
HLG- und PQ-Transfermerkmale

**Multirate-Unterstützung**

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

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**HDMI 2.1 Video Standards****SD-Videonormen**

525i/59,94 NTSC; 625i/50 PAL

**HD-Videonormen**

720p/50; 720p/59,94; 720p/60  
1080p/23,98; 1080p/24; 1080p/25;  
1080p/29,97; 1080p/30; 1080p/47,95;  
1080p/48; 1080p/50; 1080p/59,94;  
1080p/60; 1080p/95; 1080p/96;  
1080p/100; 1080p/119; 1080p/120  
1080i/50; 1080i/59,94; 1080i/60

**Ultra-HD-Videonormen**

2160p/23,98; 2160p/24; 2160p/25;  
2160p/29,97; 2160p/30; 2160p/47,95;  
2160p/48 2160p/50; 2160p/59,94;  
2160p/60; 2160p/95; 2160p/96;  
2160p/100\*; 2160p/119\*; 2160p/120\*

**4K-Videonormen**

4Kp/23,98 DCI; 4Kp/24 DCI; 4Kp/  
25 DCI; 4Kp/29,97 DCI; 4Kp/30 DCI;  
4Kp/47,95 DCI; 4Kp/48 DCI; 4Kp/  
50 DCI; 4Kp/59,94 DCI; 4Kp/60 DCI;  
4Kp/95 DCI; 4Kp/96 DCI; 4Kp/  
100 DCI\*; 4Kp/119 DCI\*; 4Kp/  
120 DCI\*

**8K-Videonormen**

4320p/23,98; 4320p/24; 4320p/25;  
4320p/29,97; 4320p/30; 4320p/47,95;  
4320p/48; 4320p/50\*; 4320p/59,94\*;  
4320p/60\*

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**8K-DCI-Videonormen**

8Kp/23,98 DCI; 8Kp/24 DCI; 8Kp/25 DCI; 8Kp/29,97 DCI; 8Kp/30 DCI; 8Kp/47,95 DCI; 8Kp/48 DCI; 8Kp/50 DCI\*; 8Kp/59,94 DCI\*; 8Kp/60 DCI\*

\* Uncompressed only

**HDMI-Audioabtastrfrequenz**

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

**HDMI-Videoabtastrfrequenzen**

4:2:2; 4:4:4 und 4:2:0\*

**HDMI-Farbgenauigkeit**

8, 10 and 12-bit\*

\* supported video sampling and colour precision are dependent on connected HDMI device capabilities, video resolution and frame rate.

**HDMI-Farbraum**

REC 601, REC 709, REC 2020.

**HDR-Unterstützung**

Statische HDR-Metadatenpakete, HLG- und PQ-Transfermerkmale

**HDMI-Konfiguration**

HDMI 2.1 supports Deep Color and HDR. Automatically configures to connected display.

**Multirate-Unterstützung**

HDMI video connections are switchable between SD/HD/UHD and 4K.

**Kopierschutz**

HDMI input is unable to capture from copy protected HDMI sources. Always confirm copyright ownership before capture or distribution of content.

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**Verarbeitung****Farbraumkonvertierung**

Hardware based real time on output.

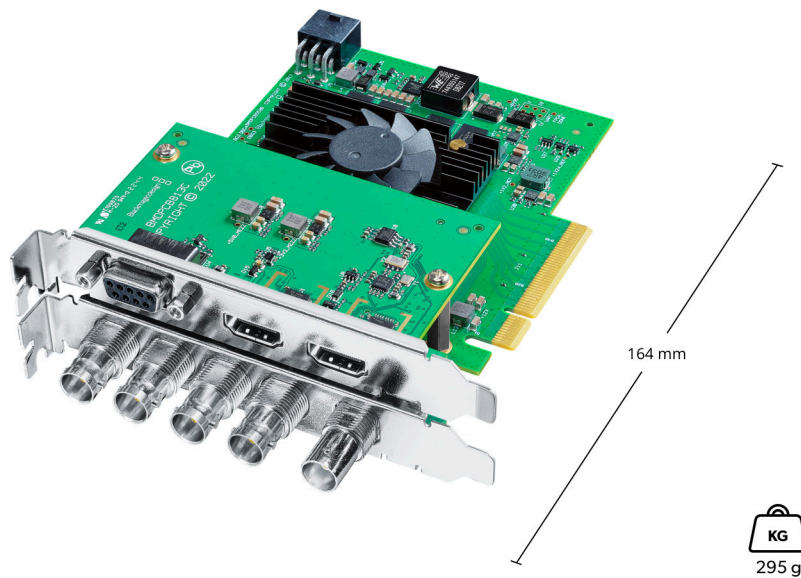
**3D-Verarbeitung**

Left eye/right eye dual stream capture and playback (SDI only).

**Echtzeit-Effekte**

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

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**Physische Spezifikationen**

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## Betriebssysteme



Mac 13.0 Ventura,  
Mac 14.0 Sonoma oder höher



Windows 10, 64-Bit  
Windows 11



Linux

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## Strombedarf

### Stromverbrauch

30 W

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## Umgebung

### Betriebstemperatur:

5° to 50° C (41° to 122° F)

### Lagerungstemperatur:

-20° to 60° C (-4° to 140° F)

### Relative Luftfeuchtigkeit:

0% to 90% non-condensing

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## Im Lieferumfang enthalten

DeckLink 8K Pro G2  
HDMI 2.1 mezzanine card  
External power cable  
Spacers and screws  
Startermappe mit QR-Code zum Download der Software

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## Garantie

3 Jahr eingeschränkte Herstellergarantie

Zugelassene Blackmagic Design Reseller