

## DeckLink Mini Monitor 4K



DeckLink Mini Monitor 4K is a low profile PCIe playback card, featuring 6G-SDI and the latest HDMI 2.0a connections so you can monitor all formats up to 2160p30 from your computer! The SDI and HDMI outputs let you connect to any television or monitor and automatically detect and switch between all video formats. You even get high dynamic range playback and metadata over HDMI, along with support for Rec. 2020 color space. You can even develop your own custom playback solutions using the Blackmagic Desktop Video SDK for Mac OS X, Windows and Linux! Includes two PCIe shields for both full height and low profile slots.

**\$195**

### Connections

#### SDI Video Output

1 x 10 bit SD/HD/Ultra HD switchable.

#### SDI Audio Output

16 channels embedded in SD, HD, Ultra HD.

#### HDMI Video Output

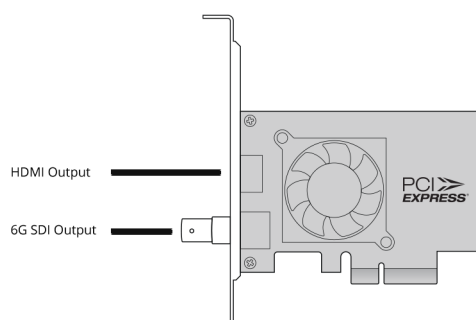
1 x HDMI 2.0a connector.

#### HDMI Audio Output

8 Channels embedded in SD, HD, Ultra HD.

#### Computer Interface

Gen 2 PCIe Express 4 lane, compatible with 4, 8 and 16 lane PCIe slots.



### Codecs

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

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## Software

### Software Included

Media Express, Disk Speed Test, LiveKey, Blackmagic System Preferences and Blackmagic driver on Mac OS X and Windows.

### Internal Software Upgrade

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

### Physical Installation

PCI Express 4 lane, compatible with 4, 8 and 16 lane PCI Express slots on Mac OS X, Windows and Linux. Mac OS X systems require a Mac Pro computer with PCI Express slots. Please check the Support pages to see the full system requirements.

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## Software Applications



DaVinci Resolve



Fusion



Final Cut Pro X



Premiere Pro CC



Avid Media Composer



After Effects CC



Avid Pro Tools



Steinberg Cubase



Steinberg Nuendo



Photoshop CC

**Other supported applications include:** Nuke, Avid Symphony, Avid News Cutter, Tools On Air just:in & live:cut & just:play & just:live, Softron OnTheAir, MovieRecorder and OnTheAir CG, Flash Media Live Encoder, Wirecast, Livestream Procaster, Resolume Avenue 4, Sony Vegas Pro, Corel VideoStudio Pro X4, CyberLink Power Director, MAGIX Video Pro X4, Vidblaster Pro & Studio & Broadcast, Uniplay, Playbox AirBox, CasparCG, Magicsoft CG, Xsplit Broadcaster, Imagine Communications Velocity & InfoCaster.

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## Video Standards

### SD Format Support

525i59.94 NTSC, 625i50 PAL

### HD Format Support

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

### Ultra HD Format Support

2160p23.98, 2160p24, 2160p25,  
2160p29.97, 2160p30

### 4K DCI Format Support

4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p

### SDI Compliance

SMPTE 259M and 292M.

### Audio Sampling

Television standard sample rate of  
48 kHz and 24 bit.

### Video Sampling

4:2:2

### Color Precision

10-bit

### Color Space

REC 601, REC 709, REC 2020

### HDMI Configuration

HDMI automatically configures to  
connected display.

### HDMI Resolution

Pixel for pixel HD resolution input to  
connected device.

### HDMI Color Precision

10-bit

### Multiple Rate support

SDI and HDMI are switchable between  
standard definition and high  
definition.

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## Processing

### Colorspace Conversion

Hardware based real time.

### HD Down Conversion

Software based down conversion during video playback.

### Real Time Effects

Final Cut Pro X internal effects.  
Premiere Pro CC Mercury Playback Engine effects. Avid Media Composer internal effects.

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## Operating Systems



Mac OS X 10.10 Yosemite,  
Mac OS X 10.11 El Capitan  
or later.



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



Linux

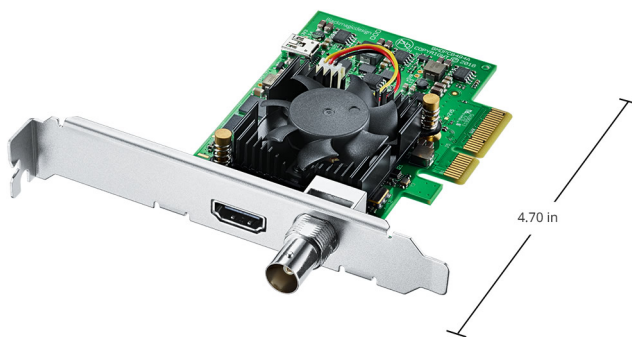
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## EMC Certifications

FCC, CE and C-Tick

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## Physical Specifications



3.17 oz

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## Environmental Specifications

### Operating Temperature

5° to 40° C (32° to 104° F)

### Storage Temperature

-20° to 45° C (-4° to 113° F)

### Relative Humidity

0% to 90% non-condensing

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## What's Included

DeckLink Mini Monitor 4K

Low profile slot bracket

SD card with software and manual

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## Warranty

3 Year Limited Manufacturer's Warranty.

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