DeckLink Mini Monitor 4K

DeckLink Mini Monitor 4K is a low profile PCI Express 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. You can even develop your own custom playback solutions using the Blackmagic Desktop Video SDK for Mac OS, Windows and Linux! Includes two PCI Express shields for both full height and low profile slots.

$195

Connections

SDI Video Outputs
1 x 10 bit SD/HD/Ultra HD switchable.

SDI Audio Outputs
16 channels embedded in SD, HD, Ultra HD.

HDMI Video Outputs
1 x HDMI 2.0a connector.

HDMI Audio Outputs
8 Channels embedded in SD, HD, Ultra HD.

Computer Interface
PCI Express 4 lane generation 2, compatible with 4, 8 and 16 lane PCI Express slots.
Supported Codecs


Software

Software Included
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 4 lane generation 2, compatible with 4, 8 and 16 lane PCI Express slots on Mac OS, Windows and Linux. Mac OS systems require a Mac Pro computer with PCI Express slots. Please check the Support pages to see the full system requirements.

Software Applications


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

Ultra HD Video Standards
- 2160p23.98, 2160p24, 2160p25,
- 2160p29.97, 2160p30

4K DCI Video Standards
- 4K DCI 23.98p, 4K DCI 24p,
- 4K DCI 25p.

2K Video Standards (SDI Only)
- 2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
- 2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI F25PsF

SDI Compliance
- SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 425M,

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

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

SDI Color Precision
- 8, 10, 12-bit RGB 4:4:4 in all modes up to 1080p60, and 8, 10-bit YUV 4:2:2 in all modes.

SDI Video Sampling
- 4:4:4 & 4:2:2

Color Space
- REC 601, REC 709, REC 2020.

HDMI Video Sampling
- 4:4:4, 4:2:2 & 4:2:0

HDMI Configuration
- HDMI 2.0a supports Deep Color and HDR. Automatically configures to connected display.

HDMI Resolution
- Pixel for pixel HD resolution output to connected device.

HDMI Color Precision
- Up to 12-bit (Deep Color)

Multiple Rate Support
- HDMI and SDI video connections are switchable between SD/HD/2K and 4K.

Processing

HD to SD Down Conversion
- Software based down conversion during video playback.

HD Cross Conversion
- Software based cross conversion from 720p to 1080HD on playback.

Colorscape Conversion
- Hardware based real time.

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

Power Requirements

**Power Consumption**
10 Watts

EMC Certifications

FCC, CE and C-Tick.

Environmental Specifications

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
<th>Relative Humidity</th>
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<tbody>
<tr>
<td>5° to 40° C (32° to 104° F)</td>
<td>-20° to 45° C (-4° to 113° F)</td>
<td>0% to 90% non-condensing</td>
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What's Included

DeckLink Mini Monitor 4K
Low profile slot bracket
SD card with software and manual

Warranty

3 Year Limited Manufacturer's Warranty.
Blackmagic Design Authorized Reseller