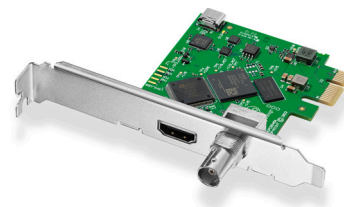**Blackmagicdesign**

DeckLink Mini Monitor HD

Get broadcast quality HDMI and SDI video playback and monitoring from your PCIe computer! DeckLink Mini Monitor HD includes 3G-SDI and HDMI 2.0 that let you connect to any television, monitor or projector for broadcast monitoring, including the latest high dynamic range (HDR) formats! Works with software such as DaVinci Resolve, Final Cut Pro and more.

$129

Connections

SDI Video Output
1 x 10-bit SD/HD switchable

SDI Audio Output
16 channels embedded in SD/HD

HDMI Audio Output
8 channels embedded in SD/HD

SDI Rates
270Mb, 1.5G, 3G

HDMI Video Output
1 x HDMI 2.0 type A connector

Computer Interface
PCI Express 1 lane generation 2, compatible with 1, 4, 8 and 16 lane PCI Express slots.

HDMI Output ⎯○

SDI Output ⎯○

PCI EXPRESS®
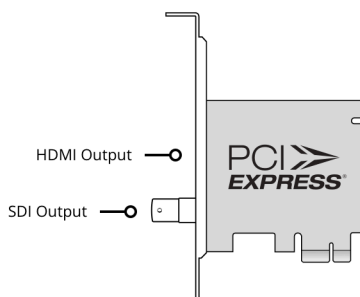
Supported Codecs

AVC-Intra, AVCHD, Canon XF MPEG2, Digital SLR, DV-NTSC, DV-PAL, DVCPRO50, DVCPROHD, DPX, HDV, HEVC, XDCAM EX, XDCAM HD, XDCAM HD422, DNxHR & DNxHD, Apple ProRes 4444, Apple ProRes 422 HQ, Apple ProRes 422, Apple ProRes 422 LT, Apple ProRes 422 Proxy, Uncompressed 8-bit 4:2:2, Uncompressed 10-bit 4:2:2, Uncompressed 10-bit 4:4:4.

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 1 lane generation 2, compatible with 1, 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

DaVinci Resolve

Fusion

Final Cut Pro

Adobe Premiere Pro CC

Avid Media Composer

Adobe After Effects CC

Avid Pro Tools

Steinberg Cubase

Steinberg Nuendo

Adobe Photoshop CC

Other supported applications include:

The Foundry Nuke, Sony Catalyst Production Suite, Tools On Air Just: Play & Live, Magix Movie Edit Pro Premium, Corel VideoStudio Pro, CyberLink PowerDirector, Grass Valley Edius, Softron Mreplay, Telestream Wirecast, Livestream Studio, Resolume Arena, Vegas Creative Software Vegas Pro, VidblasterX Studio and Broadcast, Unimedia Technologies UniplayOne and Uniplay-CG, CasparCG Server, Magicsoft CG, Xsplit Broadcaster, DevTek Easy Media Suite, Boinx Software MimoLive, StudioCoast vMix, Renewed Vision ProPresenter, Ventuz Director, Class X Liveboard and CoralCG, Open Broadcaster Software Studio, Nautilus Studio Nemo3D, Burst Video Webclip2Go, Derivative TouchDesigner, Assimilate Scratch and Live Assist, NewBlue Title Live and

Titler Pro,

SGO Mistika.

These are third party applications and support may vary, check with your software vendor.

SDI Video Standards

SDI 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
2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI,
2Kp29.97 DCI, 2Kp30 DCI, 2Kp50 DCI,
2Kp59.94 DCI,2Kp60 DCI
2KPsF23.98 DCI, 2KPsF24 DCI,
2KPsF25 DCI, 2KPsF29.97 DCI,
2KPsF30 DCI

SDI Compliance
SMPTE 259M, SMPTE 274M,
SMPTE 296M, SMPTE 424M,
SMPTE 425M A/B and
SMPTE ST2108–1

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

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

SDI Video Sampling
4:2:2, 4:4:4

SDI Color Precision
8, 10, 12-bit RGB 4:4:4 up to 1080p30,
and 8, 10-bit YUV 4:2:2 in all
standards.

SDI Color Space
REC 601, REC 709 and REC 2020

SDI HDR Support
HDR metadata packing, HLG and PQ transfer characteristics.

Multiple Rate Support
SDI video connection is switchable between SD and HD.

HDMI Video Standards

SDI 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, 1080i50,
1080i59.94, 1080i60

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

HDMI Video Sampling
4:2:2 and 4:4:4

HDMI Color Precision
10, 12-bit RGB 4:4:4 up to 1080p30, 8-bit RGB 4:4:4 and 12-bit YUV 4:2:2 in all standards.

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

HDMI Color Space
REC 601, REC 709 and REC 2020

HDMI HDR Support
HDR metadata packing, HLG and PQ transfer characteristics.

Multiple Rate Support
HDMI video connection is switchable between SD and HD.

Hardware Frame Buffer

v210 (10 bit YUV), 2vuy (8 bit YUV), ARGB, BGRA (8 bit RGB), r210 (10 bit RGB), R12B, R12L (12 bit RGB).
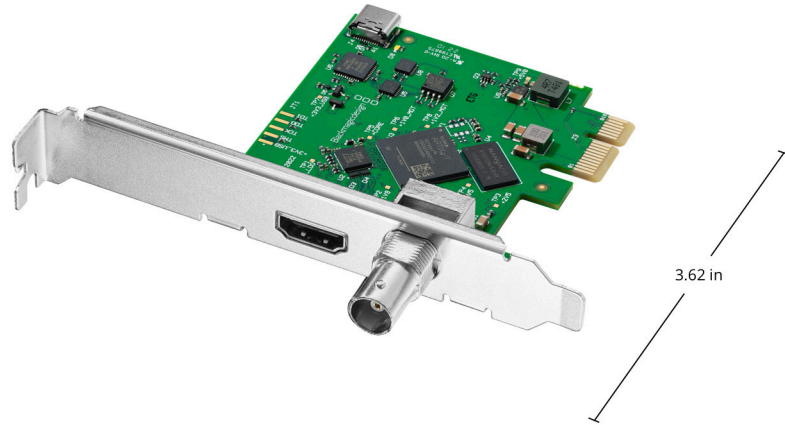
Processing

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

Colorspace Conversion
Hardware based real time.

Physical Specifications

3.62 in

1.98 oz

Operating Systems

Mac 11.1 Big Sur,
Mac 12.0 Monterey or later.

Windows 10, 64-bit.
Windows 11.

Linux

Power Requirements

Power Consumption
3 Watts

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

What's Included

DeckLink Mini Monitor HD
Low profile slot bracket

Warranty

3 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller