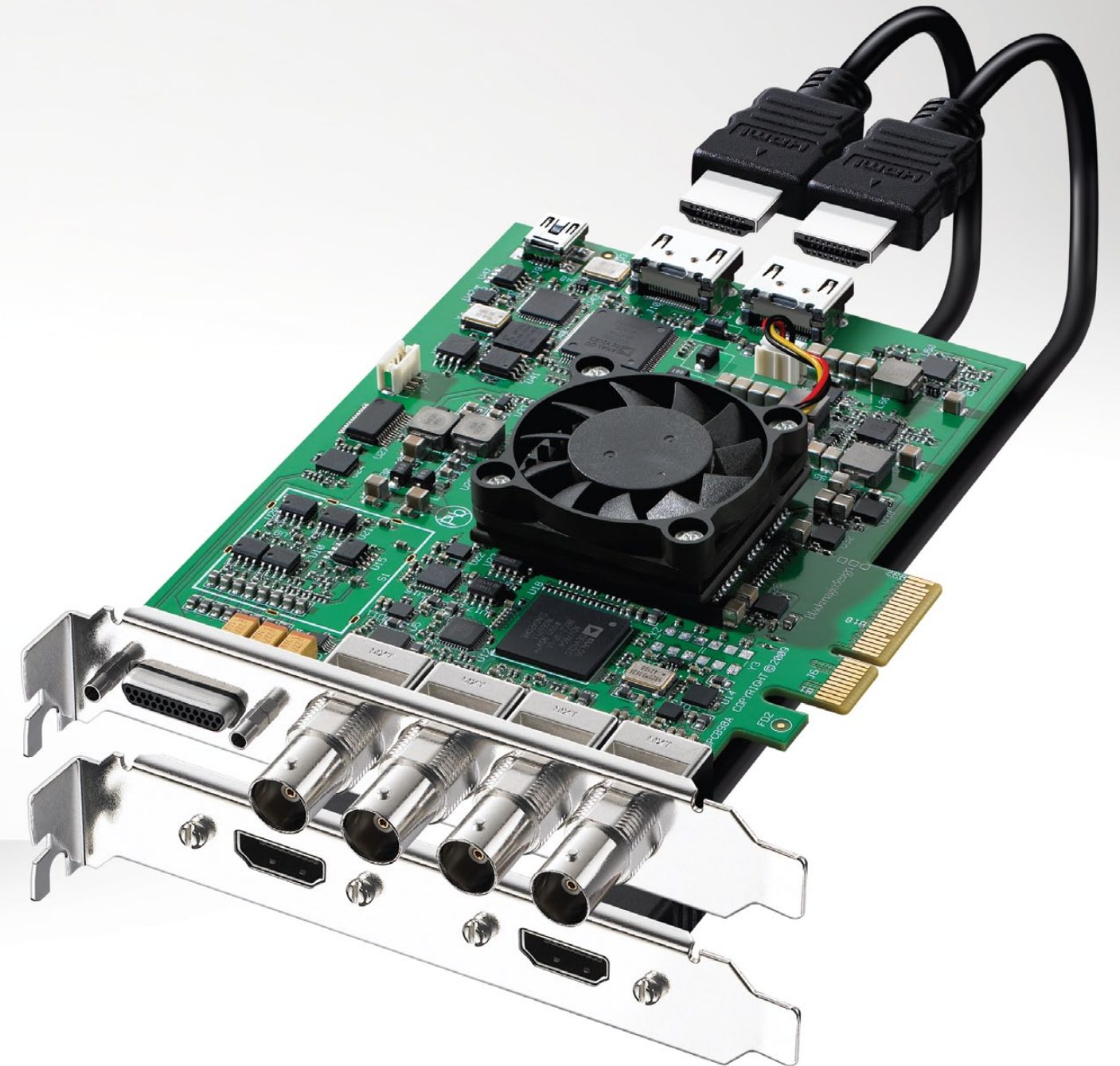


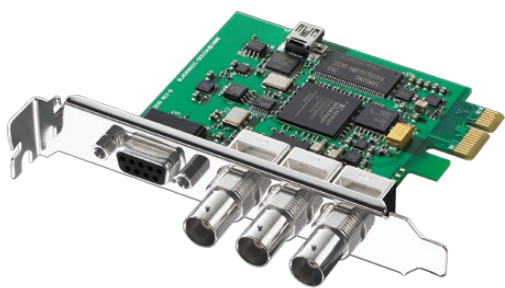
DeckLink

The world's most popular capture cards for post, broadcast and feature films!



No other capture cards have more video and audio connections than DeckLink!

Now it's easy to connect and to capture and playback SDI, HDMI, analog component, s-video, composite and even optical fiber to your Mac, Windows or Linux computer! DeckLink easily handles SD, HD and 2K video formats and works with popular software such as Final Cut Pro, Premiere Pro, After Effects, Photoshop, Fusion, ProTools and many more!

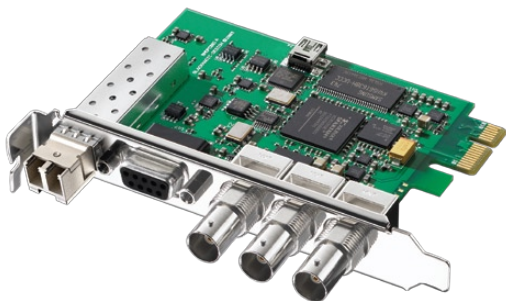


DeckLink SDI

DeckLink SDI is perfect when you need an SDI only solution but demand high quality 10 bit 4:2:2 based SDI capture and playback. DeckLink SDI plugs into Windows, Mac OS X and Linux computers and features HD/SD-SDI capture and playback combined with tri-sync/black burst reference input and RS-422 deck control. Media Express software is included so you get capture and playback for AVI, QuickTime and DPX on Mac, Windows and Linux. DeckLink SDI is a perfect choice when all your connections are SDI and you don't need analog connections.

\$295

There are 4 great models of DeckLink, from low cost HD/SD-SDI, right up to dual link 3 Gb/s 2K/HD/SD-SDI models with loads of analog, HDMI and 3D features. For a complete creative workstation solution, all DeckLink cards includes Media Express software for capture and playback of AVI, QuickTime and DPX files on Mac, Windows and Linux.



DeckLink Optical Fiber

DeckLink Optical Fiber is the world's first capture card to include both BNC and optical fiber SDI connections, so you can use common low cost optical fiber network cabling. DeckLink Optical Fiber features HD/SD-SDI, optical fiber SDI capture and playback, reference input, RS-422 deck control and SD keying. Media Express software is included for capture and playback for AVI, QuickTime and DPX. DeckLink Optical Fiber is a perfect choice for large broadcast systems where optical fiber cabling is used because you can connect direct without costly optical fiber converters!

\$495

DeckLink Studio

If you work with a massive range of analog video and audio gear and need to move seamlessly between SD and HD, then DeckLink Studio is perfect! DeckLink Studio includes SD/HD-SDI, HDMI, SD/HD component, composite, s-video, 4 ch balanced analog audio, 2 ch AES/EBU switchable to 6 ch out, black burst and tri-sync reference input, RS-422 deck control connections, keying in SD and hardware down converter. No other DeckLink card connects to more types of analog video, and DeckLink Studio is perfect when you have a wide range of older analog as well as the latest HD-SDI decks!

\$695



DeckLink HD Extreme 3D

The new DeckLink HD Extreme 3D features single and dual channel SDI capture and playback for both regular 2D and new 3D stereoscopic workflows! Includes dual link 3 Gb/s SDI, HDMI and analog component/composite/s-video connections. Work in SD, HD, 3 Gb/s HD-SDI and 2K in 4:2:2 or 4:4:4. Also includes AES and analog balanced audio, 16 channel SDI audio, genlock and deck control. SDI, HDMI and analog component works in all video formats up to 1080p60. Includes broadcast quality up, down and cross conversion, plus built in SD/HD internal keyer.

\$995



Connect to Anything

DeckLink HD Extreme 3D connects to a massive range of video and audio equipment for capture and playback in SD, HD and 2K. You get 3 Gb/s SDI, HDMI, analog component/composite/s-video, 2 channels of AES/EBU with sample rate converter, 2 channels of XLR professional analog audio, genlock/tri-sync and deck control. Work in 2D and 3D dual stream or 3D interleaved. Perfect for HDCAM, HD-D5, HDCAM SR, Betacam SP, Digital Betacam and more!



More Online HD Real Time Effects

DeckLink lets you create as fast as your mind works, because you get more online quality HD real time effects! Unlike FireWire, which is only half the data speed of HD video and needs to use heavy video compression to handle HD, PCI Express eliminates this problem because it's faster than HD video and even 2K film. This means DeckLink cards don't waste CPU time compressing video just for playback, so all your CPU time is dedicated to more HD real time effects.



Mac, Windows and Linux!

DeckLink works with the software you love to use! Use the world's most popular editing software such as Final Cut Pro and Premiere Pro! You also get Photoshop plug-ins to grab and output frames, plus real time preview in After Effects, Fusion and Nuke. No other edit solution supports more software on Windows, Mac OS X or Linux, so now you have the freedom to build your studio your own way!



Hardware Down Converter

DeckLink Studio and DeckLink HD Extreme 3D include a screaming fast video processor for the most incredible quality hardware down conversion. When working in HD video, the hardware down conversion lets you monitor in SD and HD, plus s-video and composite video outputs are always active. For the ultimate in flexibility, the built in hardware down converter instantly switches between letterbox, anamorphic 16:9 and center cut 4:3 video formats.

No other capture cards work with more software than DeckLink

DeckLink cards work with the software you love to use! Use DirectShow™ and QuickTime™ software, or the world's most popular editing software such as Final Cut Pro™ and Premiere Pro™! You also get Photoshop™ plug-ins to grab and output still frames, plus real time preview in After Effects™, Fusion™ and Nuke™. No other cards support more software on Windows, Mac OS X or Linux, so now you have the freedom to build your studio your own way!



Final Cut Pro™

Edit in Final Cut Pro™ while using the highest quality 10 bit HD-SDI video connection to HD decks including, HDCAM™ SR, HDCAM™, HD-D5™ and DVCPRO HD™, as well as SD decks such as Digital Betacam™. DeckLink support for Final Cut Pro™ allows you to batch capture from decks and play back the timeline with RT Extreme™ real time effects, all with absolute sample accurate AV sync.

DeckLink cards support more advanced Final Cut Pro™ features such as 10 bit rendering, RT Extreme™, 16 channel audio, deck control, support for ProRes, JPEG, DV, DVCPRO, DVCPRO HD, 8 & 10 bit uncompressed video and more. DeckLink cards are qualified by Apple™ for Final Cut Pro™ compatibility.

Blackmagic Design works closely with Apple on developing our QuickTime drivers, so you know you're getting the best combination for high end editing!



Adobe Photoshop™

DeckLink includes special Photoshop plug-ins, so you can directly capture and output still frames from within the Photoshop application itself. If you're working with 10 bit HD/SD-SDI, you can even import and export 16 bit Photoshop™ images for full quality. Use DeckLink's 'keying to export' and key standard definition graphics from the video input using Photoshop alpha channels.

Outputting Photoshop graphics from DeckLink lets you see the correct color and the effects of video interlace and field movement. DeckLink uses 'unity gain on', so you can't get illegal 100% RGB video levels eliminating surprises when graphics are output to tape!



Fusion™

Fusion is one of the world's most popular effects and compositing software that lets you use node based workflows for both sequential and parallel based effects design and processing. Fusion supports real time out to the video output from any node in the node graph to see live video output from that processing point. Packed with a massive number of powerful features, Fusion is popular with feature film visual effects artists!



Adobe After Effects™

Adobe After Effects is one of the most popular tools for broadcast graphics and animation and DeckLink has special features that take full advantage of this great app! Because After Effects is fully QuickTime™ based, it works with all Blackmagic's media. You can also open and render Blackmagic's uncompressed 10 and 8 bit AVI and QuickTime™ files too. Files can be dropped into Final Cut Pro™ or Premiere Pro timelines without rendering, so you can move media between tools.

DeckLink also provides full RAM preview playback, so you can always see what you're working on. There is no better solution for using After Effects for high end work than DeckLink cards!



Adobe Premiere Pro™

DeckLink is the highest quality editing solution for Adobe Premiere Pro. Included are a full suite of Premiere Pro plug-ins with deck control and full support for 8 and 10 bit uncompressed AVI and QuickTime™ files, as well as Motion JPEG which can all be played back on the same Premiere Pro timeline without rendering. QuickTime™ uncompressed files from Mac OS X™ systems can also be played back for cross-platform media sharing! DeckLink has full support for Premiere Pro's 8 channels of audio capture and playback via HD/SD-SDI, which is great for 5.1 surround sound editing.

Blackmagic Design works closely with Adobe to ensure the Decklink drivers for Premiere Pro include advanced features such as RT effects, RS-422 deck control and frame accurate batch capture. Our joint development with Adobe guarantees the most professional solution.



Digidesign Pro Tools™

Pro Tools is the world's most popular audio post production tool and now all DeckLink cards support playback of the Pro Tools reference movies out to the video outputs all in real time!



Take a closer look at Media Express

Playlist in Playback Mode
You can load in a huge number of clips for review. Use DPX, MJPEG, uncompressed YUV and RGB, ProRes, DVCPRO HD all in the one playlist.

Realtime Preview
Preview your clips with full frame rate for accurate review.

Audio Metering
With Media Express you can select any of the 16 audio channels. Just simply click on the audio you want to hear.

Capture, Play or Master
Capture on the fly. Play back single or multiple clips. Master to tape via insert or assemble editing.

Dynamic Playlist Search
Organising your playlist has never been easier with Media Express' dynamic playlist search. Even if you have 1,000 clips, you'll always find the right clip.

Clip Information
Now you can see all the important detail information of your clip, including frame size, frame rate, color space, format and codec.

Easy Grab Frame Tool
Media Express makes grabbing frames of your video easy. When the frame you want is displayed in the preview window, just hit Grab Frame.

Blackmagic Media Express Included!

Blackmagic Media Express is free software that comes with every DeckLink card. Media Express lets you batch capture and play back DPX, ProRes, uncompressed YUV and RGB, DVCPRO HD and MJPEG files. You can even create your own playlist. Media Express also supports CMX EDL import and

export, frame accurate deck control via RS-422, and will even insert and assemble to tape! Media Express is fast, accurate and easy to use and works on Mac OS X, Windows and Linux. You can even grab still frames directly from your deck. That's a complete solution for capture and playback!

DeckLink SDI		DeckLink Optical Fiber	DeckLink Studio	DeckLink HD Extreme3D
Connections				
SDI Video In & Out: SD/HD			SDI Video In & Out: Dual Link 3 Gb/s SD/HD/2K	
Optical Fiber Video In & Out: None	Optical Fiber Video In & Out: SD/HD		Optical Fiber Video In & Out: None	
Analog Video In & Out: None			Analog Video In & Out: Component, S-Video, Composite	
HDMI Video In & Out: None			HDMI Video In & Out: Yes	
SDI Audio In & Out: 8 Channels			SDI Audio In & Out: 16 Channels	
Optical Fiber Audio In & Out: None	Optical Fiber Audio In & Out: 8 Channels		Optical Fiber Audio In & Out: None	
Analog Audio In & Out: None			Analog Audio In & Out: 4 Channels Balanced	Analog Audio In & Out: 2 Channels Balanced
HDMI Audio In & Out: None			HDMI Audio In & Out: 2 Channels	HDMI Audio In & Out: 8 Channels
AES Audio In & Out: None			AES Audio: 2 Ch In, selectable 6 Ch Out Unbalanced. Sample rate converter on input.	AES Audio In & Out: 2 Channels Unbalanced. Sample rate converter on input.
Sync Input: Tri-Sync or Black Burst				
Device Control: Sony™ RS-422 Compatible				
PCI Express: 1 Lane				PCI Express: 4 Lane

Processing			
Colorspace Conversion: Hardware based real time.			
HD Down Conversion: Software based down conversion.		HD Down Conversion: Built in, high quality hardware down converter always outputs to SD-SDI, Composite and S-Video when working in HD video formats. Component output can be switched between HD or SD. Selectable between letterbox, anamorphic 16:9 and center cut 4:3 styles.	High quality Up, Down and Cross Conversion on playback. Choose between Dual Link 4:4:4 or select high quality down converter with HD-SDI on SDI A output, and SD-SDI output on SDI B output. Selectable between letterbox, anamorphic 16:9 and center cut 4:3 styles.
Up Conversion: SD to 720HD or 1080HD, 720HD to 1080HD on video capture.			Up Conversion: Built in hardware up conversion SD to 720HD or 1080HD, 720HD to 1080HD on playback
3D processing: None			3D processing: Dual stream capture & playback
Real time effects: Apple Final Cut Pro™ internal effects in DV, ProRes and uncompressed on Intel Mac OS X™. Adobe® Premiere Pro® internal effects in DV, MJPEG and uncompressed.			

Test Results			
Typical HD-SDI Jitter*: 79.0 ps (+0.117 UI) at 100 kHz	Typical HD-SDI Jitter*: 79.2 ps (+0.117 UI) at 100 kHz	Typical HD-SDI Jitter*: 72.4 ps (+0.107 UI) at 100 kHz	Typical HD-SDI Jitter*: 79 ps (+0.107 UI) at 100 kHz
Typical SD-SDI Jitter*: 325.5 ps (+0.088 UI) at 10 Hz	Typical SD-SDI Jitter*: 325.7 ps (+0.088 UI) at 10 Hz	Typical SD-SDI Jitter*: 361.7 ps (+0.098 UI) at 10 Hz	Typical SD-SDI Jitter*: 253.2 ps (+0.068 UI) at 10 Hz
SDI Eye Pattern in HD	SDI Eye Pattern in HD	SDI Eye Pattern in HD	SDI Eye Pattern in HD
SDI Eye Pattern in SD	SDI Eye Pattern in SD	SDI Eye Pattern in SD	SDI Eye Pattern in SD

*Test card was taken from a typical production run. The HD/SD-SDI output from the DeckLink card was connected to a Tektronix WFM-700 HD-SDI waveform monitor and test signal video files were used. Test results can vary slightly from these results between different models tested due to component tolerances used in production. Full technical specifications, including detailed video formats and SDI compliance can be found at Blackmagic Design's website. Please check www.blackmagic-design.com for the latest specifications and updates.