

---

# DeckLink SDI

SD/HD video card with SDI,  
HDMI and analog connections

---



***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 and composite 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.

## ***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 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. 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 and DVCPRO HD 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! You can even playback AVCHD, DSLR and XDCAM HD. 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 full support for Adobe's Mercury Playback Engine for amazing RT effects, RS-422 deck control, frame accurate batch capture and edit to tape. 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!



## Blackmagic Media Express 3D Included!

Blackmagic Media Express is free software that comes with every DeckLink card. Media Express lets you batch capture and play back 2D and dual stream stereoscopic 3D in 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 and save them as perfect digital quality still images. That's a complete solution for capture and playback!



## 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 1.4, 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.