

# HDLink

Eliminate the high cost of HD and 2K professional monitoring!

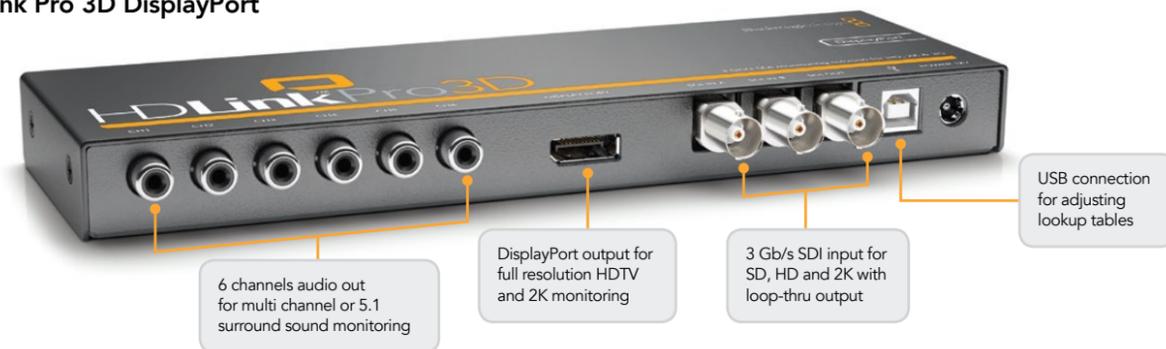


## Get the world's highest quality monitoring for DVI, HDMI and DisplayPort monitors!

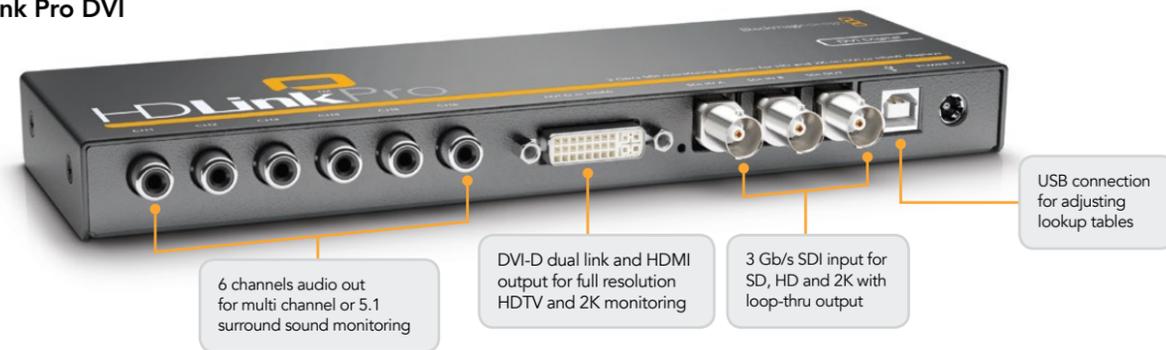
HDLink is the world's first full resolution 2D/3D HDTV and 2K monitoring for DVI, HDMI and DisplayPort monitors. HDLink features 3Gb/s SDI video for 4:2:2, 4:4:4 & 2K. Only HDLink support real time 2K playback at a massive 2048 x 1556 resolution when used with a 30 inch LCD display!

HDLink automatically switches between SD, HD and 2K plus includes 3D lookup tables to accurately simulate film stocks and color calibrate your display. Available in both dual link SDI and optical fiber SDI models, HDLink is the most advanced monitoring available!

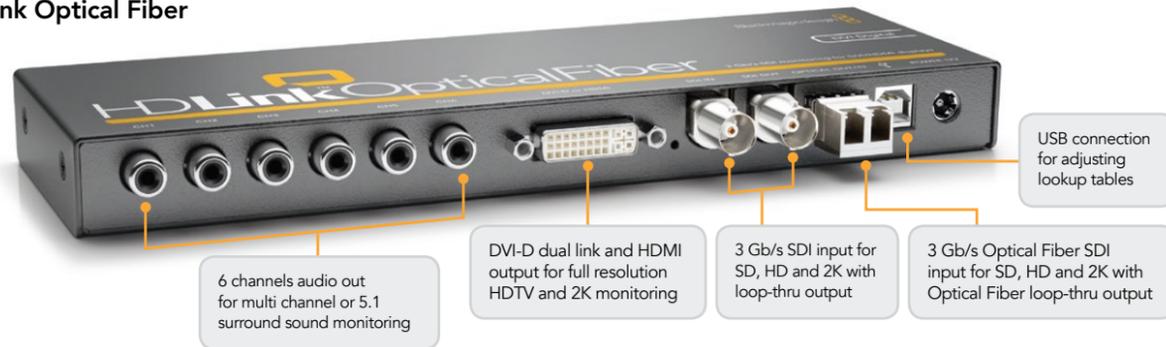
### HDLink Pro 3D DisplayPort



### HDLink Pro DVI



### HDLink Optical Fiber



## HDLink Pro 3D DisplayPort

The world's first SDI monitoring solution for deep bit depth DisplayPort monitors now supports full 3D stereoscopic and HDMI 1.4! Get the highest quality in both 4:2:2 and 4:4:4. Perfect for SD, HD and feature film 2K monitoring, HDLink Pro supports 1.62 and 2.7 Gb/s DisplayPort monitors with 1, 2 and 4 lanes as well as DVI and HDMI monitors with an adapter.

**\$495**

## HDLink Pro DVI

HDLink Pro with DVI-D is the most advanced monitoring solution for DVI and HDMI displays. With dual link 3Gb/s SDI for 2K, HD and SD compatibility, built in 3D lookup table color management, hardware upscaling and 6 channel analog audio outputs, HDLink Pro gives you incredible pixel for pixel perfect monitoring!

**\$495**

## HDLink Optical Fiber

HDLink Optical Fiber includes all the same incredible features as HDLink Pro DVI plus adds direct connections for the latest 3 Gb/s optical fiber technology! Connect to either the copper 3 Gb/s SDI input or the 3 Gb/s optical fiber input, and HDLink will automatically detect the correct input to use!

**\$795**



### Automatic SD, HD and 2K

HDLink supports all SDI based formats from standard definition, 1080HD, 720HD, and even 2K when used with 30" DVI displays. HDLink's video input auto switches between SD-SDI, HD-SDI 4:2:2, HD-SDI 4:4:4 and 2K 2048 x 1556 video formats instantly. HDLink is software upgradable, so you'll get the best image quality and format compatibility guaranteed years into the future.



### Incredible 5.1 Audio

HDLink features a massive 6 channels of SDI audio de-embedded to 6 analog RCA audio outputs which is perfect for cinema style 5.1 surround sound monitoring. The built-in audio monitoring outputs are de-embedded at an incredible 24 bit from the SDI video input, so you get the highest audio quality. Now you can connect to HiFi systems for the perfect audio monitoring solution or use multi channel audio mixers.

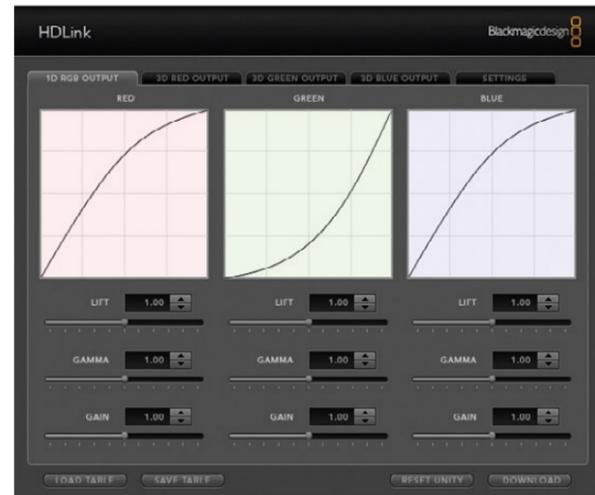
### Supports Massive 30 Inch Displays!

Connect a 24 inch LCD computer display for true 1920 x 1080 HDTV monitoring, or a 30 inch display for full 2048 x 1556 2K feature film monitoring. HDLink will even scale HD up to fill massive 30 inch displays! Only HDLink gives you pixel for pixel accurate display monitoring for SD, HD and feature film 2K all from a simple to use SDI connection. HDLink gives you cinema style monitoring that's perfect for edit suites, location shoots, client monitoring and more.



### Includes 3D Lookup Tables

With 3D lookup tables built in, now you can accurately simulate any film stock, or calibrate the colorimetry of the connected display. The included HDLink Utility software for Windows and Mac OS X allows for flexible real time color adjustments. Additional lookup tables and software updates can be easily added via HDLink's fast USB 2.0 connection.



### 3D Lookup Tables

For matching LCD display colorimetry and simulating various types of film stocks, HDLink Pro model features more advanced 3D lookup tables. Advanced 3D lookup tables increase color control because a blend of red, green and blue video can be output to each primary color on the connected display. Only advanced 3D lookup tables can give full color control for accurate simulation of almost any feature film stock.

Lookup tables are fully adjustable via a high speed USB 2.0 host computer connection using the included HDLink Utility software for Windows and Mac OS X. Custom lookup tables also allow film industry log video to be converted to linear for monitoring when used for feature film work. Preset gamma tables for Panasonic™ and Grass Valley Thomson Viper cine-gamma are included.

### Affordable 3D SDI Monitoring

Now HDLink Pro supports 3D monitoring for the latest 3D production workflows! HDLink Pro 3D lets you display both dual stream as well as interleaved 3D inputs and then display them on any compatible 3D DVI display or HDMI television. When used with a DisplayPort to HDMI adaptor, HDLink Pro 3D DisplayPort also supports HDMI 1.4 for compatibility with the latest full resolution 3D televisions!

### Direct Monitor Optical Fiber SDI

Get the world's first direct optical fiber SDI monitoring! HDLink Optical Fiber lets you monitor from both SDI, 3Gb/s SDI via copper BNC connections, or 3 Gb/s SDI using optical fiber. HDLink makes working with optical fiber easy, as your SDI input can be looped out via both the copper SDI and optical fiber SDI outputs. With HDLink there is no need for optical fiber SDI converters because they're all built into HDLink Optical Fiber!



#### HDLink Pro has 3D monitoring!

Now you can display both dual stream as well as interleaved 3D using HDLink Pro 3D!



| HDLink Pro DVI  | HDLink Pro 3D DisplayPort  | HDLink Optical Fiber  |
|---|--|---|
| <b>Connections</b>  |  |   |
| SDI Video Input: 2 x BNC inputs switch between SD-SDI, HD-SDI 4:2:2, HD-SDI 4:4:4, 2K via SDI and dual-link HD-SDI 4:4:4.                     |  | SDI Video Input: 1 x BNC input switches between SD-SDI, HD-SDI 4:2:2, HD-SDI 4:4:4 and 2K via SDI.  |
| SDI Video Outputs: 1 x BNC active loop through output switches between SD, HD 4:2:2, HD 4:4:4 and 2K.   |  |   |
| Optical Fiber Video Input: None   |  | Optical Fiber Video Input: 1 x LC connector switches between SD-SDI, HD-SDI 4:2:2, HD-SDI 4:4:4 and 2K via SDI.   |
| Optical Fiber Video Output: None  |  | Optical Fiber Video Output: 1 x LC connector active loop through output switches between SD, HD 4:2:2, HD 4:4:4 and 2K. Use Single-mode for 25 km output. |
| Multi Rate SDI Support: 270 Mb/s standard definition, 1.5 Gb/s high definition 4:2:2, 3 Gb/s 4:4:4 high definition and 2K film.               |  |   |
| Analog Audio Output: 6 x unbalanced 24 bit analog outputs on RCA connectors -10db, de-embedded from SDI input.                                |  |   |
| DVI-D Video Output: Supports SD, HD and 2K using Dual Link DVI-D displays up to 30 inches 2560 x 1600 in size.                                | DVI-D Video Output: Supports SD and HD using DVI-D displays when used with a DisplayPort to DVI adaptor (not included).                                    | DVI-D Video Output: Supports SD, HD and 2K using Dual Link DVI-D displays up to 30 inches 2560 x 1600 in size.  |
| DVI-D Audio Output: DVI-D supports video only. Use RCA analog audio outputs for audio monitoring.   |  |   |
| DisplayPort Video Output: None  | DisplayPort Video Output: Supports SD, HD and 2K using DisplayPort monitors up to 30 inches 2560 x 1600 in size.   | DisplayPort Video Output: None  |
| DisplayPort Audio Output: None  | DisplayPort Audio Output: Via DisplayPort output.  | DisplayPort Audio Output: None  |
| HDMI Video Output: Via DVI-D to HDMI adaptor. Supports HDMI displays, such as a TV or video projectors, up to 1920 x 1080 resolution.         | HDMI Video Output: Via DisplayPort to HDMI adaptor (not included). Supports HDMI displays, such as a TV or video projectors, up to 1920 x 1080 resolution. | HDMI Video Output: Via DVI-D to HDMI adaptor. Supports HDMI displays, such as a TV or video projectors, up to 1920 x 1080 resolution.                     |
| HDMI Audio Output: Via DVI-D to HDMI adaptor.   | HDMI Audio Output: Via DisplayPort to HDMI adaptor.  | HDMI Audio Output: Via DVI-D to HDMI adaptor.   |
| HDMI Connection: Via included DVI-D male to HDMI Type A female adaptor.   | HDMI Connection: Via DisplayPort to HDMI adaptor (not included).   | HDMI Connection: Via included DVI-D male to HDMI Type A female adaptor.   |
| Updates and Configuration: Via USB 2.0 interface.   |  |   |
| <b>Standards</b>  |  |   |
| SD Format Support via DVI-D: 625/25 PAL and 525/29.97 NTSC.   |  |   |
| HD Format Support via DVI-D: 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080i50, 1080i59.94, 1080i60, 1080p50, 1080p59.94, 1080p60.      |  |   |
| 2K Format Support via DVI-D: 2048 x 1556p23.98, 2048 x 1556p24 and 2048 x 1556p25.  | 2K Format Support via DVI-D: None  | 2K Format Support via DVI-D: 2048 x 1556p23.98, 2048 x 1556p24 and 2048 x 1556p25.  |
| SD Format Support via DisplayPort: None   | SD Format Support via DisplayPort: 625/25 PAL and 525/29.97 NTSC.  | SD Format Support via DisplayPort: None   |
| HD Format Support via DisplayPort: None   | HD Format Support via DisplayPort: 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080i50, 1080i59.94, 1080i60, 1080p50, 1080p59.94, 1080p60.             | HD Format Support via DisplayPort: None   |
| 2K Format Support via DisplayPort: None   | 2K Format Support via DisplayPort: 2048 x 1556p23.98, 2048 x 1556p24 and 2048 x 1556p25.   | 2K Format Support via DisplayPort: None   |
| SD Format Support via HDMI: 625/25 PAL and 525/29.97 NTSC.  |  |   |
| HD Format Support via HDMI: 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080i50, 1080i59.94 and 1080i60, 1080p50, 1080p59.94 and 1080p60. |  |   |
| SDI Compliance: SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 425M-B, ITU-R BT.656, ITU-R BT.601.   |  | SDI Compliance: SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 425M-B, ITU-R BT.656, ITU-R BT.601 and SMPTE 297M for Optical Fiber SDI.                        |
| SDI Video Sampling: 4:2:2 and 4:4:4.  |  |   |
| SDI Color Precision: 4:2:2 10 bit and 4:4:4 10 bit.   |  |   |
| SDI Color Space: 4:2:2 YUV, 4:4:4 YUV and 4:4:4 RGB.  |  |   |
| SDI Audio Sampling: Television standard sample rate of 48 kHz and 24 bit.   |  |   |
| 3D Muxing modes: None   | 3D Muxing modes: Line-by-Line, Side-by-Side. Horizontal and/or vertical image flip can be applied to either input.   | 3D Muxing modes: None   |
| <b>Extras</b>   |  |   |
| Software Control: HDLink Utility included free for Windows XP, Windows Vista, Windows7 and Mac OS X.  |  |   |
| Gamma Correction: Independently adjustable 3D lookup tables per color component. Interactive real time adjustment of lookup tables.           |  |   |
| Firmware Upgrade: Automatically when new HDLink Utility is installed.   |  |   |
| Real Time Processing: Adaptive pull-down processor guarantees smooth motion display.  |  |   |
| Video Scaling via DVI-D: Pixel for pixel display. Scale up SD to fill display. Scale up HD to fill display.                                   |  |   |
| Power Supply: 12 Volt universal power supply included. IEC power cable required.  |  |   |
| Product Warranty: 3 Year Limited Manufacturer's Warranty.   |  |   |
| <b>Display Requirements</b>   |  |   |
| Interface: DVI-D connection to LCD computer monitor or HDMI Type A connection to HDMI display.  | Interface: DisplayPort connection to LCD computer monitor or use an adaptor to connect to a DVI-D or HDMI display.   | Interface: DVI-D connection to LCD computer monitor or HDMI Type A connection to HDMI display.  |