

## UltraStudio Pro

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The world's first uncompressed 10 bit editing and design solution for USB 3.0!





## The highest quality solution for editing, design and visual effects for your desktop!

The new UltraStudio Pro is the world's first broadcast quality SD/HD capture and playback solution for USB 3.0 computers! UltraStudio Pro combines the latest broadcast technology into an attractive ultra-thin design that looks great on your desktop!

UltraStudio Pro has the power you need for the most demanding broadcast and post production environments. With the incredible speed of the new USB 3.0 interface built-in, running at a massive 4.8 Gb/s, UltraStudio Pro easily has enough speed for the highest quality uncompressed 10 bit HD video with the maximum real time effects!

### Advanced Broadcast Technology

UltraStudio Pro packs state of the art broadcast technology into an impossibly thin design. You get more video and audio connections, high quality up, down and cross conversion, full 10 bit video, internal SD keying and more!

UltraStudio Pro also includes a massive number of video and audio connections including 3 Gb/s SDI, HDMI, analog component, composite, s-video, 4 channel analog audio, 2 channel AES/ EBU audio, genlock/tri-sync and RS422 deck control connections. UltraStudio Pro even includes a broadcast quality 7 foot/2 meter breakout cable, so you'll save hundreds of dollars on expensive professional cables!

There's even an independent SDI output that's down converted for simultaneous HD and SD monitoring while you work! The built-in up, down and cross converter lets you edit in one format, and then output to any HD or SD format!

### Innovative Design

UltraStudio Pro's innovative design looks great on your desktop while hiding the cables behind the unit. With dozens of audio and video connections built-in, you can keep your studio neat and clean! UltraStudio Pro includes audio level meters for accurate audio level calibration.

UltraStudio Pro's chassis is machined from solid metal with high grip silicon feet, so it's strong enough to withstand the most harsh broadcast environments.

**UltraStudio Pro**  
**\$895**



Actual Size





Connect to Anything

UltraStudio Pro connects to a massive range of video and audio equipment for capture and playback in SD and HD. You get separate connections for 3 Gb/s SDI, HDMI, analog component, composite, s-video, 2 channels of AES/EBU with sample rate converter, 4 channels of XLR analog audio, down converted SD-SDI output, genlock/tri-sync and deck control. Perfect for HDCAM, HD-D5, HDCAM SR, Betacam SP, Digital Betacam, televisions and more!



Incredible Speed USB 3.0

UltraStudio Pro takes advantage of the new SuperSpeed™ USB 3.0 to allow highest quality 10 bit HD video capture and playback! SuperSpeed USB 3.0 is the new USB connection standard for computers that's 10 times faster than regular USB. That's a blistering 4.8 Gb/s, which easily handles the highest quality 10 bit uncompressed 1080HD video. UltraStudio Pro supports x58 series or better Windows™ computers, and all you need to do is simply plug in to install!



More HD Real Time Effects

UltraStudio Pro lets you create as fast as your mind works, because you get more 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 playback, USB 3.0 eliminates this bottleneck because at 4.8 Gb/s it easily handles native 10 bit HD video! This means UltraStudio Pro doesn't waste CPU time compressing video just for playback, so all CPU time is dedicated to more HD real time effects.



Powerful Image Processor

UltraStudio Pro includes a fast video processor for incredible 10 bit quality hardware up, down and cross conversion! Now you can edit once and deploy in SD, 720HD or 1080HD while leaving all CPU time dedicated to real time effects. You can also select between letterbox, anamorphic 16:9 and pillar-box 4:3 video! When working in HD video, down conversion lets you monitor in SD and HD at the same time with s-video and composite video outputs active.



Adobe Premiere Pro

UltraStudio Pro is the highest quality editing solution for 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, plus Motion JPEG. UltraStudio Pro has full support for Premiere Pro's 8 channels of audio, which is great for 5.1 surround sound editing. Blackmagic Design Premiere Pro drivers include advanced features such as RT effects, RS-422 deck control and frame accurate batch capture!



Adobe After Effects

Adobe After Effects™ is great for broadcast graphics and animation. After Effects works with files captured with UltraStudio Pro. You can open and render Blackmagic's uncompressed 10 and 8 bit AVI and QuickTime files and then drop them directly into the Premiere Pro timeline! UltraStudio Pro provides full RAM preview playback, so you can always see what you're working on. Use Media Express with After Effects for capture and playback in QuickTime, AVI and even DPX files!



Adobe Photoshop

UltraStudio Pro 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 SD/HD-SDI you can even import and export 16 bit Photoshop images for full quality. Use UltraStudio Pro's 'keying to export' and live key graphics from the video input using Photoshop alpha channels. Outputting Photoshop graphics from UltraStudio Pro lets you see the correct color and the effects of video interlace and field movement!



Includes Media Express Software

Blackmagic Media Express is free software that comes with UltraStudio Pro. Media Express lets you batch capture and playback DPX, uncompressed YUV 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. You can even grab still frames from your deck!

**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

**Direct HDMI Connections**

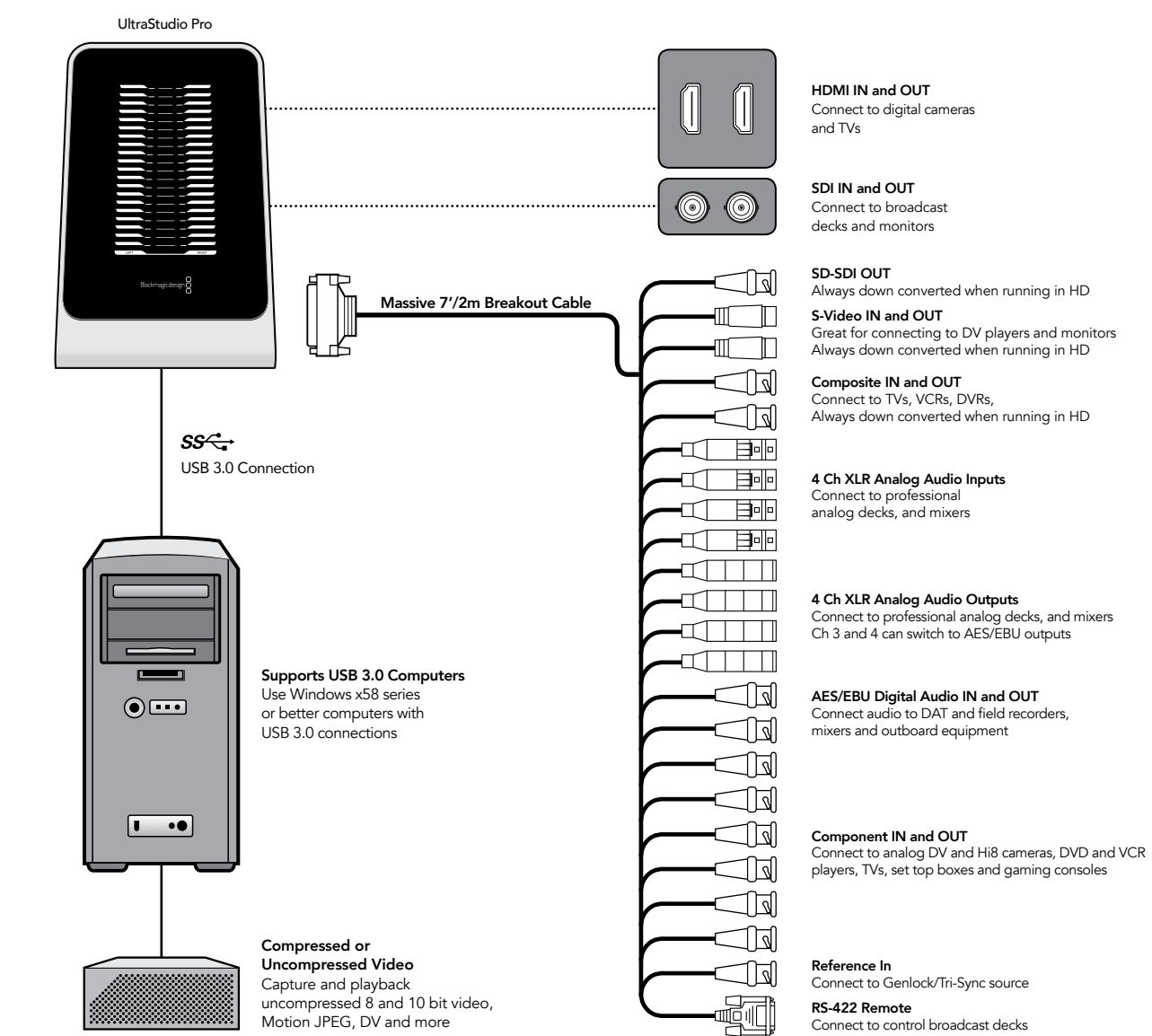
Connect to cameras and digital set top boxes via HDMI for the highest quality. Get incredible quality video from cameras by capturing direct and bypassing the compression chip for professional quality video captured direct from the image sensor. As editing software can't play back to AVCHD and HDV cameras for monitoring, UltraStudio Pro's HDMI output is perfect for monitoring editing with real time effects on the latest big screen televisions and video projectors! That's cinema style monitoring!

**SD KEYS**  
**Built In**

**Built-in Hardware SD Keyer**

UltraStudio Pro includes an amazing quality standard definition digital internal keyer that lets you key RGBA images over the video input. That's a total keying solution built right into UltraStudio Pro. The built-in keyer works great when used with Blackmagic Design's Photoshop plug-ins, or even with RGBA animated video software for keying. Built-in keying is perfect for live events. You can even key over HDMI and analog video!

Capture and Playback to almost anything



UltraStudio	
Connections	
SDI Video In & Out	SD/HD
Analog Video In & Out	Component & S-Video & Composite
HDMI Video In & Out	Yes
SDI Audio In & Out	16 Channels
Analog Audio In & Out	4 Channels Balanced
HDMI Audio In & Out	8 Channels
AES Audio In & Out	2 Ch In, selectable 6 Ch Out Unbalanced. Sample rate converter on input.
Computer Interface	USB 3.0
Processing	
Colorspace Conversion	Hardware based real time.
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.
HD Up Conversion	Built-in, high quality hardware up conversion from SD to 720HD or 1080HD. Selectable between 4:3 pillarbox, 14:9 pillarbox and 16:9 zoom styles. HD outputs via HD-SDI and component analog.
HD Cross Conversion	Built-in, high quality hardware cross conversion from 720HD to 1080HD and 1080HD to 720HD.
Real time effects	Adobe® Premiere Pro® internal effects in DV, MJPEG and uncompressed.
Standards	
HD Format Support	1080PsF23.98/24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p23.98/24, 1080p25, 1080p29.97, 1080p30, 1080i50, 1080i59.94, 720p50, 720p59.94 and 720p60.
SD Format Support	625/25 PAL, 525/29.97 NTSC and 525/23.98 NTSC and 480p.
SDI Compliance	SMPTE 259M, 292M.
Video Sampling	4:2:2
Color Precision	4:2:2 10-bit
Color Space	4:2:2 YUV
SDI Metadata Support	VITC read for 3:2 pulldown removal. VANC capture and playback using up to 3 lines of video in file. HD RP188.
Audio Sampling	Television rate of 48kHz at 24 bit.
Color Space	4:2:2 YUV



Front



Side



Rear