

Blackmagicdesign

ULTRA HD

Ultra HD Catalog 2017

Welcome

Thank you for picking up our new Ultra HD catalog! This latest edition of the catalog shows off some of our newest post production, broadcast and feature film tools that support Ultra HD via 6G-SDI and 12G-SDI. This year we have introduced the new Blackmagic URSA Mini Pro, which is a high quality digital film camera that includes a wide range of features and controls normally only found on broadcast cameras. This makes it incredibly fast to use, while the image quality is true digital film.

This year we are also introducing DaVinci Resolve 14, which is a major update and introduces a massive speed improvement, as well as a whole new audio page for full audio post production. However that's not all as we have improved the collaboration features so you can simultaneously mix audio, edit and do color correction all at the same time as multiple systems work together all on the same job. The audio page is a full Fairlight system, so it works with the powerful Fairlight consoles and can do up to 1000 tracks being played back and mixed all at the same time.

When combined with the new DaVinci Resolve control panels, DaVinci Resolve is an incredibly powerful post production system that just keeps getting more powerful. We hope you have the time to chat with us at the show, and to see our latest Ultra HD products!

Grant Petty







Blackmagic URSA Mini Pro

The new URSA Mini Pro is a true digital film camera with a 4.6K image sensor, 15 stops of dynamic range and a wide color gamut that delivers amazingly rich skin tones, natural color response and incredible detail. You also get built in ND filters, dual C-Fast and SD card recorders, an interchangeable lens mount and more! URSA Mini Pro works in both film and video modes, so it's perfect for digital film or broadcast use, all while delivering better image quality than cameras costing ten times more!

Blackmagic URSA Mini Pro \$5,995

Alternate models

Blackmagic URSA Mini 4.6K PL \$5,495

Blackmagic URSA Mini 4.6K EF \$4,995

Blackmagic URSA Mini 4K EF \$2,995

ULTRAHD 12G SDI







Interchangeable Lens Mounts

URSA Mini Pro comes with an EF mount and you can purchase optional PL and B4 lens mounts separately.

The first true digital film camera that's combined with the features and controls of a broadcast camera!

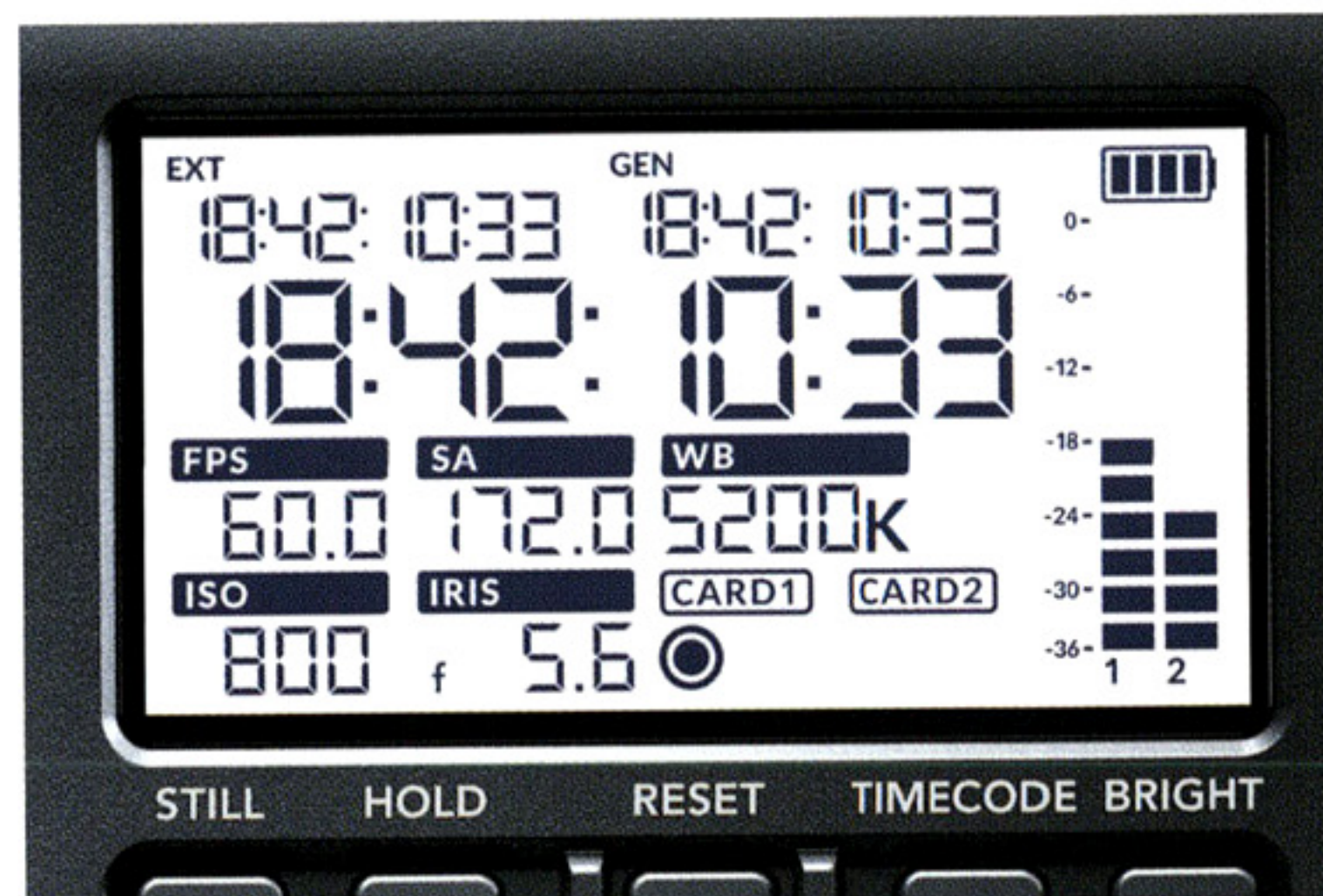
Like the world's best broadcast cameras, URSA Mini Pro features tactile control buttons, switches, knobs and dials on the side of the camera, giving you direct access to important settings. They're laid out logically, making them easy to remember so you can change settings without having to look at the buttons or take the camera off of your shoulder! Plus, every control is redundant!

URSA Mini Pro features high quality neutral density (ND) filters that let you quickly reduce the amount of light entering the camera. The 2, 4 and 6 stop filters have been specifically designed to match the colorimetry and color science of URSA Mini Pro, providing you with additional latitude, even under harsh lighting conditions. The filter settings can even be displayed as either an ND number, stop reduction or fraction on the LCD!



Nonstop Recording

Dual C-Fast 2.0 and dual SD/UHS-II SD card recorders let you choose the media that works best for you.



Status Display

The status display is a high visibility LCD screen that's designed to be easily seen, even in bright light!



Built in Monitoring

The high resolution fold out screen gives you a built in on-set monitor for checking exposure, focus, framing and more!



Shown with optional accessories.



Blackmagic URSA Studio Viewfinder

Turn your URSA Mini Pro into the ultimate live production camera with the URSA Studio Viewfinder!

Now you can turn URSA Mini Pro into the ultimate live production camera, by adding the URSA Studio Viewfinder! You get a super bright, 7" 1920 x 1200 high resolution color display with a detachable sun hood, as well as live production features such as grab handles, external controls, customizable frame guides, tally with perspex drop in numbers for easy camera identification and more! The Blackmagic URSA Studio Viewfinder attaches to the top of URSA Mini Pro and gives you a large studio quality viewfinder that's perfect when you're covering live events and need to stand behind the camera for hours!

Blackmagic URSA Studio Viewfinder \$1,795

ULTRAHD

The URSA Studio Viewfinder features integrated dials and buttons that let you adjust settings without having to take your eyes off of the action. You get dedicated control knobs to adjust brightness, contrast and focus peaking, plus customizable buttons that can be used for zebra, false color, edge focus detection, luminance waveform, custom

LUTs and more. Because URSA Studio Viewfinder uses the SDI monitor and power connections on URSA Mini, no extra cables or power supplies are required. URSA Mini integrates seamlessly with all ATEM switchers and the ATEM Talkback Converter 4K, giving you the ideal live multi camera production workflow in HD or Ultra HD!



Blackmagic URSA Mini Pro Accessories

URSA Mini Pro is designed to take advantage of all of the standard accessories you are comfortable using with larger, full size cameras. Choose from an incredible range of Blackmagic Design accessories including Blackmagic URSA Viewfinder and URSA Mini Shoulder Kit. The interchangeable lens mount on URSA Mini Pro lets you quickly switch between EF, PL, and B4 lenses. URSA Mini Pro comes with an EF mount and PL and B4 lens mounts can be purchased separately.



Blackmagic
URSA Mini Pro
PL Mount \$245



Blackmagic
URSA Mini Pro
B4 Mount \$385



Blackmagic
URSA Mini Pro
EF Mount \$175



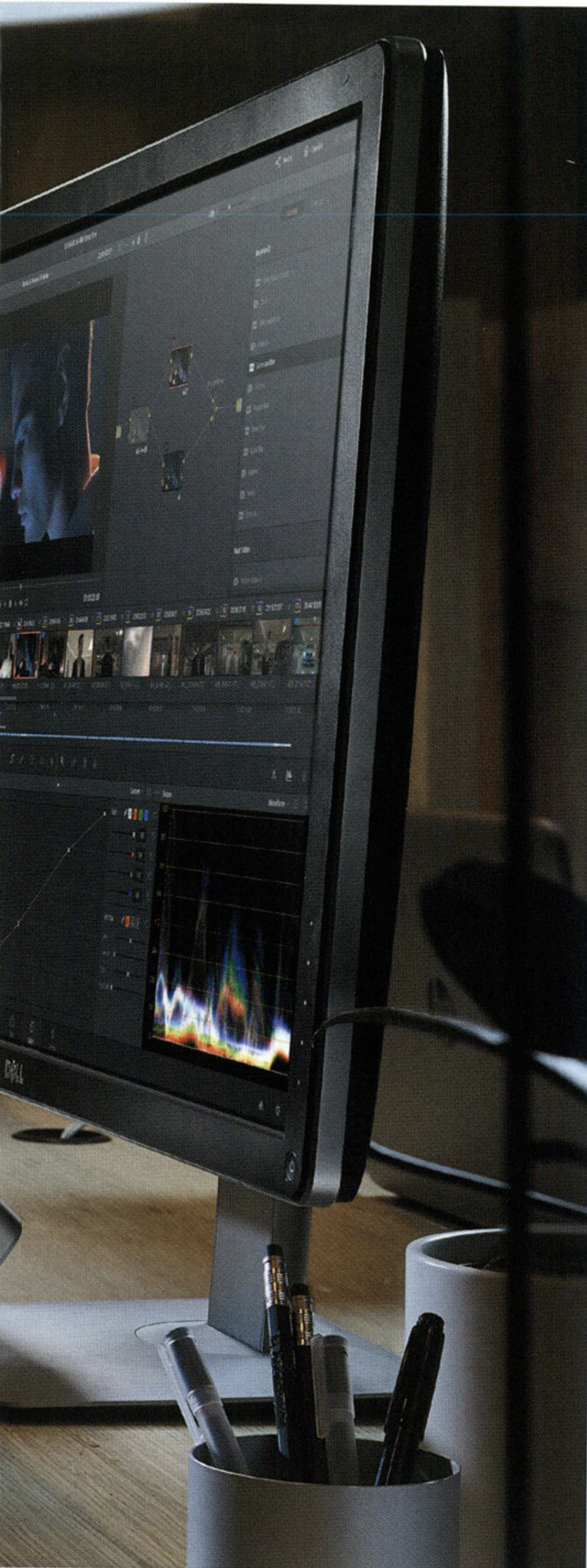
Blackmagic
URSA Viewfinder \$1,495



Blackmagic URSA Mini Shoulder Kit \$395

DaVinci Resolve 14





Hollywood's most advanced professional editor and color corrector.

DaVinci Resolve 14 combines professional nonlinear editing, Hollywood's most powerful color corrector and Fairlight audio together into a single tool so now you can edit, color correct, mix audio and deliver all from one system! DaVinci Resolve 14 features revolutionary new multi user collaboration tools, incredibly responsive editing that's twice as fast as before, advanced facial recognition and image correction tools, and a completely new Fairlight interface with professional audio tools designed specifically for film and television post production! Plus, you can add a professional DaVinci Resolve hardware control panel to accelerate your workflow and give you even more creative options!

DaVinci Resolve 14	Free Download
DaVinci Resolve 14 Studio	\$299
DaVinci Resolve Micro Panel	\$995
DaVinci Resolve Mini Panel	\$2,995
DaVinci Resolve Advanced Panel	\$29,995

ULTRAHD



Professional editing, advanced color correction and audio post, in a single software tool designed for collaboration!

DaVinci Resolve 14 completely redefines post production workflows. Assistant editors can prepare footage while editors cut the picture, colorists grade the shots, and sound editors mix and finish audio, all in the same project at the same time. You no longer have to waste time conforming or wait for a locked edit before starting color and audio. Picture editors, colorists, and sound editors

can all work in parallel, leaving more time to be creative! DaVinci Resolve includes virtually every imaginable editing and trimming tool, Hollywood's most advanced and fully featured color corrector, a new high performance playback engine that doubles performance, and incredible new Fairlight tools for recording, sweetening, mixing and mastering audio for film and television!





Now you can edit, color correct, add effects and deliver all from DaVinci Resolve!



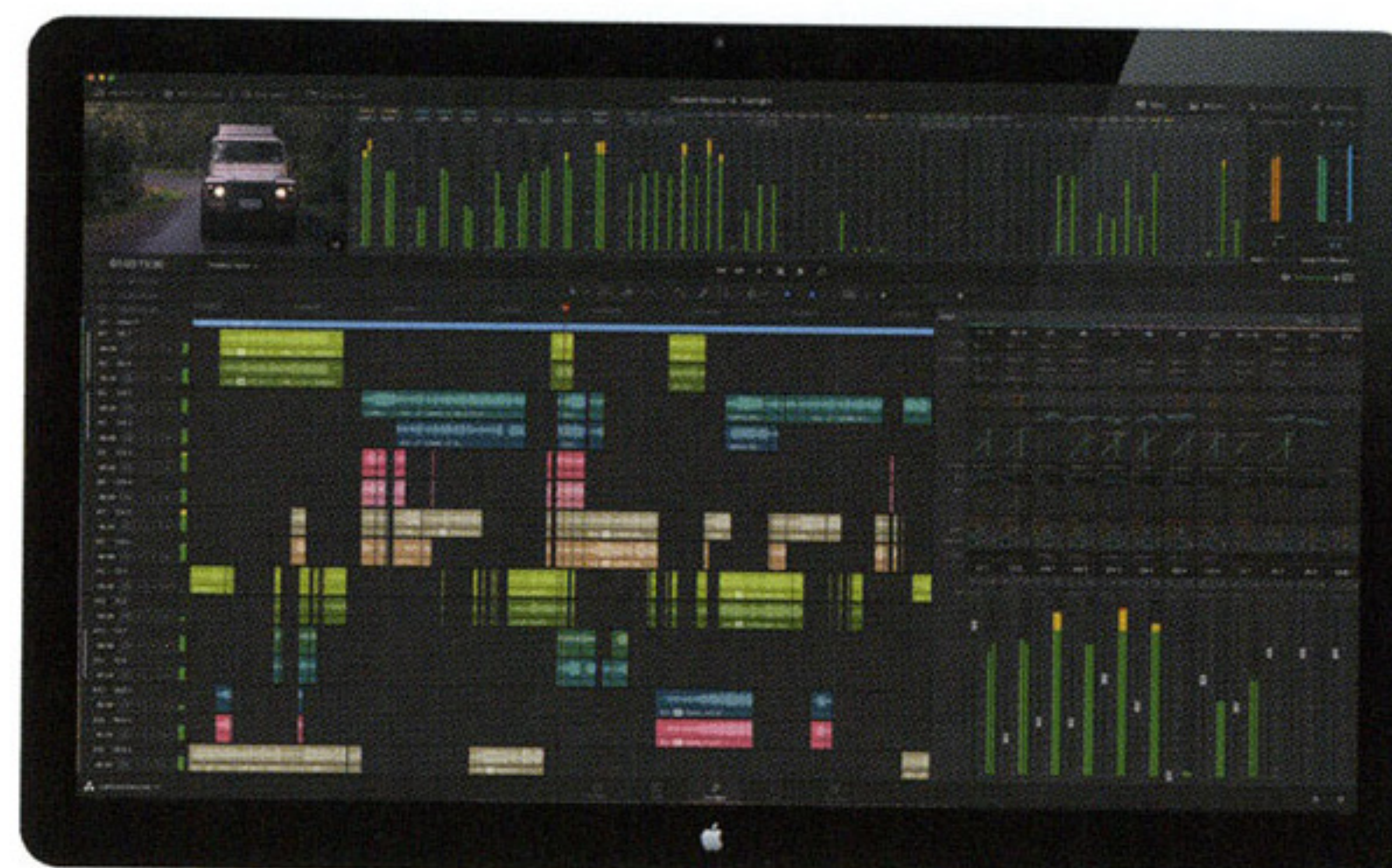
World Famous Color Correction

Legendary DaVinci primary and secondary tools, power windows, RAW controls, ACES support, HDR grading, curves, 3D tracking and amazing new facial recognition tools for enhancing faces!



Professional Non-Linear Editing

Full nonlinear multi track video editing with transitions, context sensitive dynamic trimming tools, multi camera editing, plug-ins and full spline based keyframe control in the timeline!



Fairlight Audio

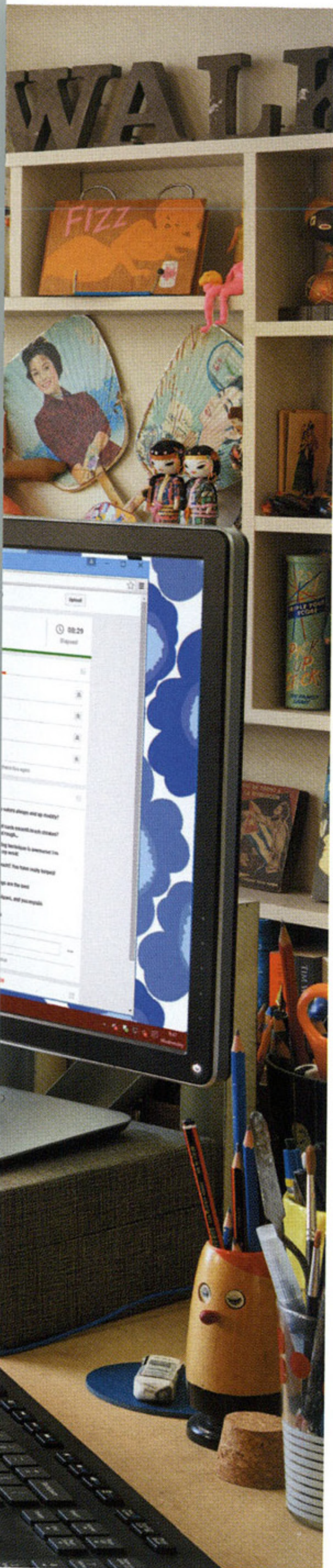
Professional audio tools featuring a dedicated interface for recording, editing, sweetening, mixing and mastering. Works with Fairlight audio hardware for up to 1,000 real time tracks of audio!



Revolutionary Collaboration

With DaVinci Resolve 14 it's now possible for assistant editors to prep footage while editors cut picture, colorists grade shots, and sound editors finish audio, all in the same project at the same time!





Blackmagic Web Presenter

Now you can use any professional SDI and HDMI video source for streaming high quality video over the internet! Blackmagic Web Presenter makes any SDI or HDMI video source appear as a 720p high definition USB webcam so you get higher quality web streaming with popular software and streaming services like Skype, YouTube Live, Facebook Live and more! You get 12G-SDI and HDMI, XLR microphone and HiFi audio inputs, Teranex quality down conversions, and a 2 input live switcher when used with the optional Teranex Mini Smart Panel.

Blackmagic Web Presenter \$495

Accessories

Teranex Mini Smart Panel \$85

Teranex Mini Rack Shelf \$85

ULTRAHD **12G** SDI

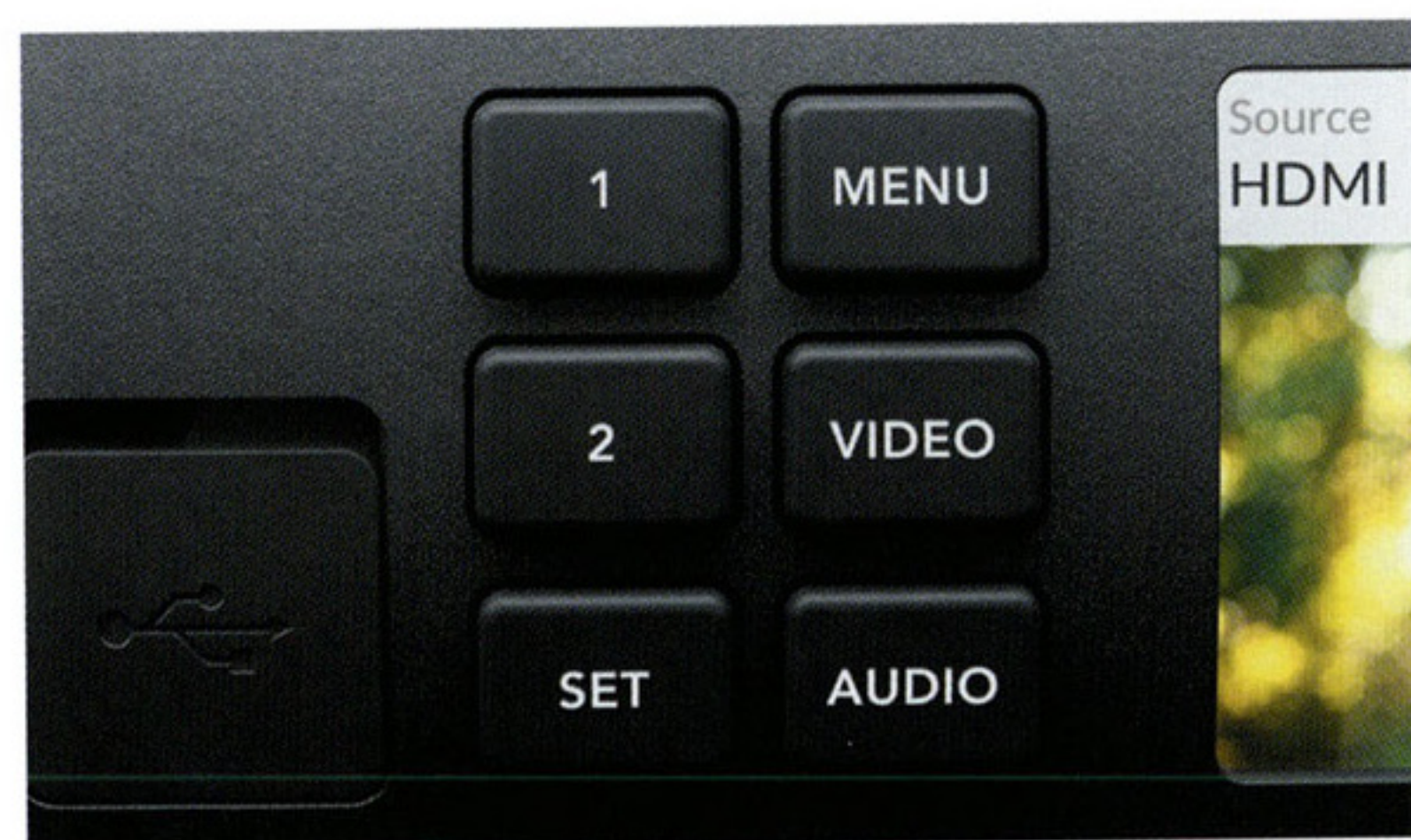


Shown with optional
Teranex Mini Smart Panel.

Now you can stream high quality video from your SDI and HDMI sources over the internet.

Blackmagic Web Presenter is the fastest and easiest way to get live video directly onto the web! You don't need to buy expensive and hard to setup streaming encoders, just connect your SDI camera or an HDMI source, like a consumer camera or computer, and then connect Blackmagic Web Presenter to your computer via USB. Blackmagic Web Presenter tricks your computer into thinking the SDI or HDMI device is a 720p HD webcam, so it works with all popular

software and streaming services such as Skype, Open Broadcaster, XSplit Broadcaster, YouTube Live, Facebook Live and more. With built in Teranex down conversions, you can live stream events at a much higher quality than a simple webcam. Plus, the optional Teranex Mini Smart panel turns Blackmagic Web Presenter into a professional 2 input live production switcher, complete with smooth broadcast quality switching and transitions!



Optional Live Production Switcher

The optional Teranex Mini Smart Panel turns Blackmagic Web Presenter into a broadcast quality 2 input switcher complete with an LCD screen for monitoring!



Smooth, Professional Transitions

You can connect to an SDI camera and an HDMI computer's slide show, and switch between sources with smooth transitions, creating a truly professional broadcast!









Fusion 8

The world's most advanced visual effects and motion graphics software.

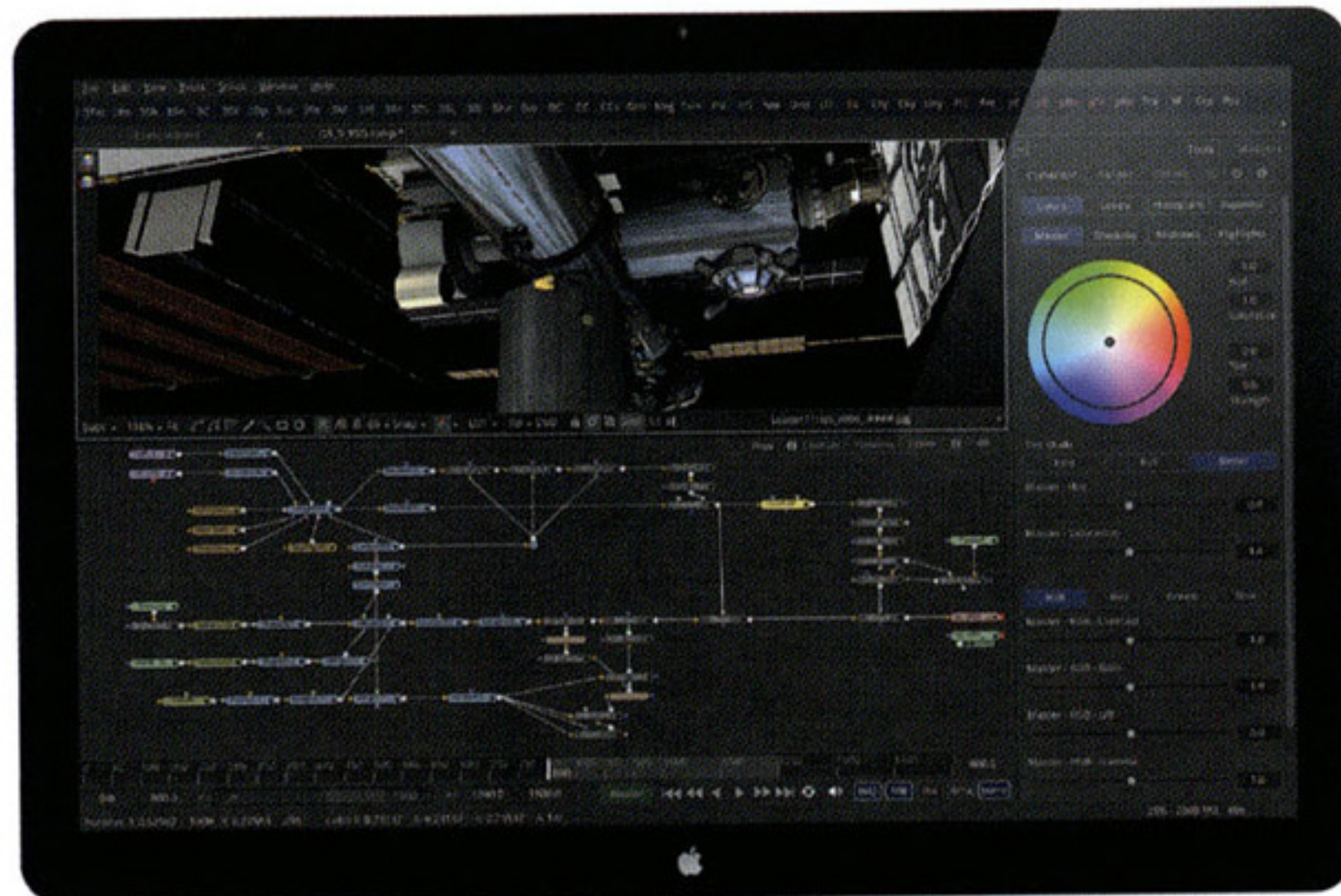
Fusion is the world's most advanced compositing software for visual effects artists, broadcast and motion graphic designers and 3D animators. With over 25 years of development, Fusion has been used on over 1000 major Hollywood blockbuster feature films! Fusion features an easy and powerful node based interface so you can construct complex effects simply by connecting various types of processing together. That's super easy and extremely fast! You get a massive range of features and effects included, so you can create exciting broadcast graphics, television commercials, dramatic title sequences and even major feature film visual effects!

Fusion 8	Free Download
Fusion 8 Studio	\$995

Also available in 10 and 20 user network licenses.
For Mac OS X, Windows and Linux.

ULTRAHD

The complete solution for 3D compositing, visual effects and motion graphics.



Create Incredible Effects

With Fusion's node based workflow you'll never have to deal with confusing stacks of layers again! Easily connect nodes to seamlessly blend elements together in 3D space, combine video, keys, 3D models, lights, effects and more!



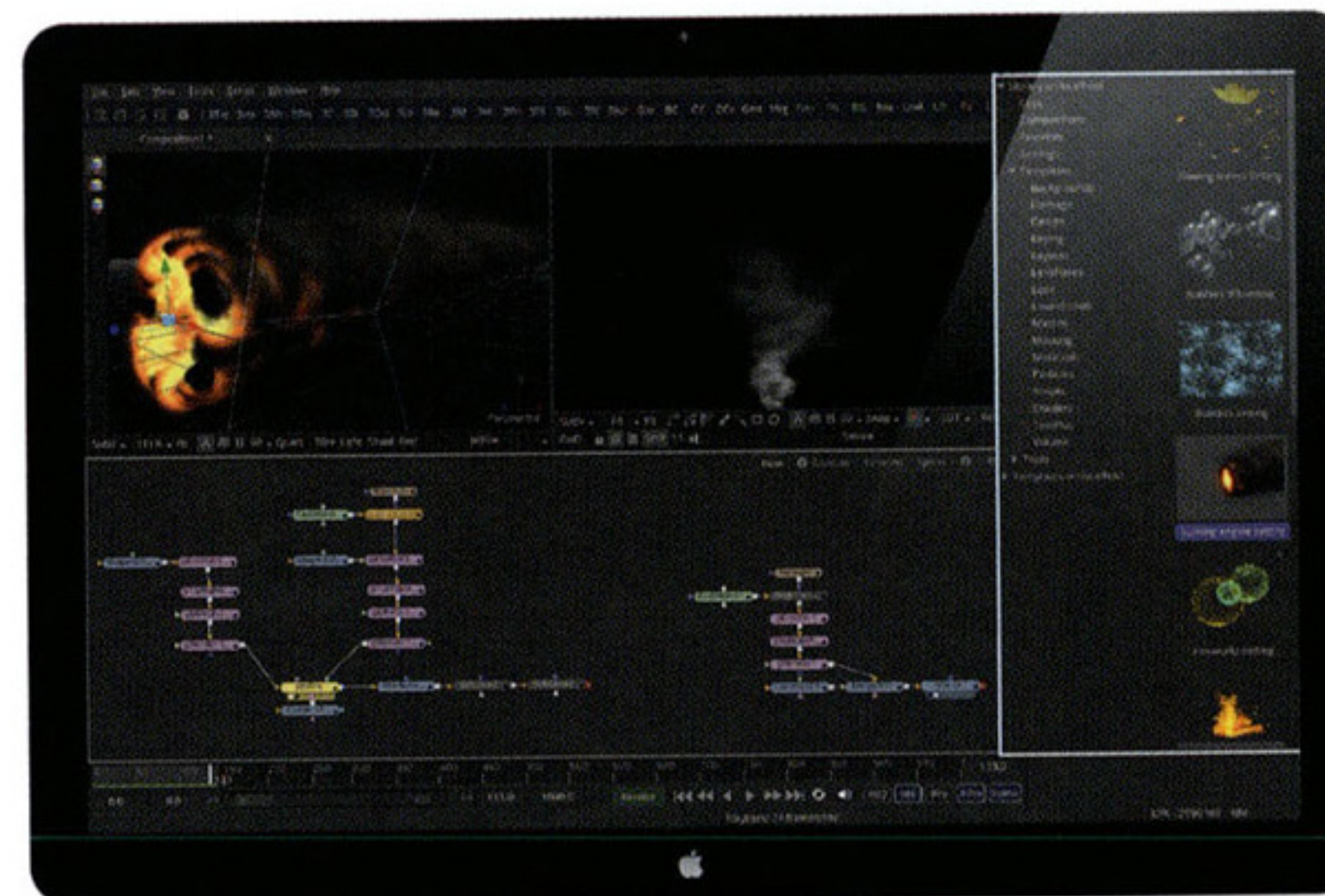
Advanced Motion Graphics

Design and animate 3D title sequences and broadcast graphics using advanced animation tools with professional keyframe controls, physics simulations, true 3D particle systems, vector paint and more!



Professional 3D Animation

Import and render 3D models and scenes from popular software like Maya, 3ds Max and Cinema 4D, then use Fusion's GPU accelerated tools, like volumetric effects, to speed through work that normally take days with other software!



Scalable Power

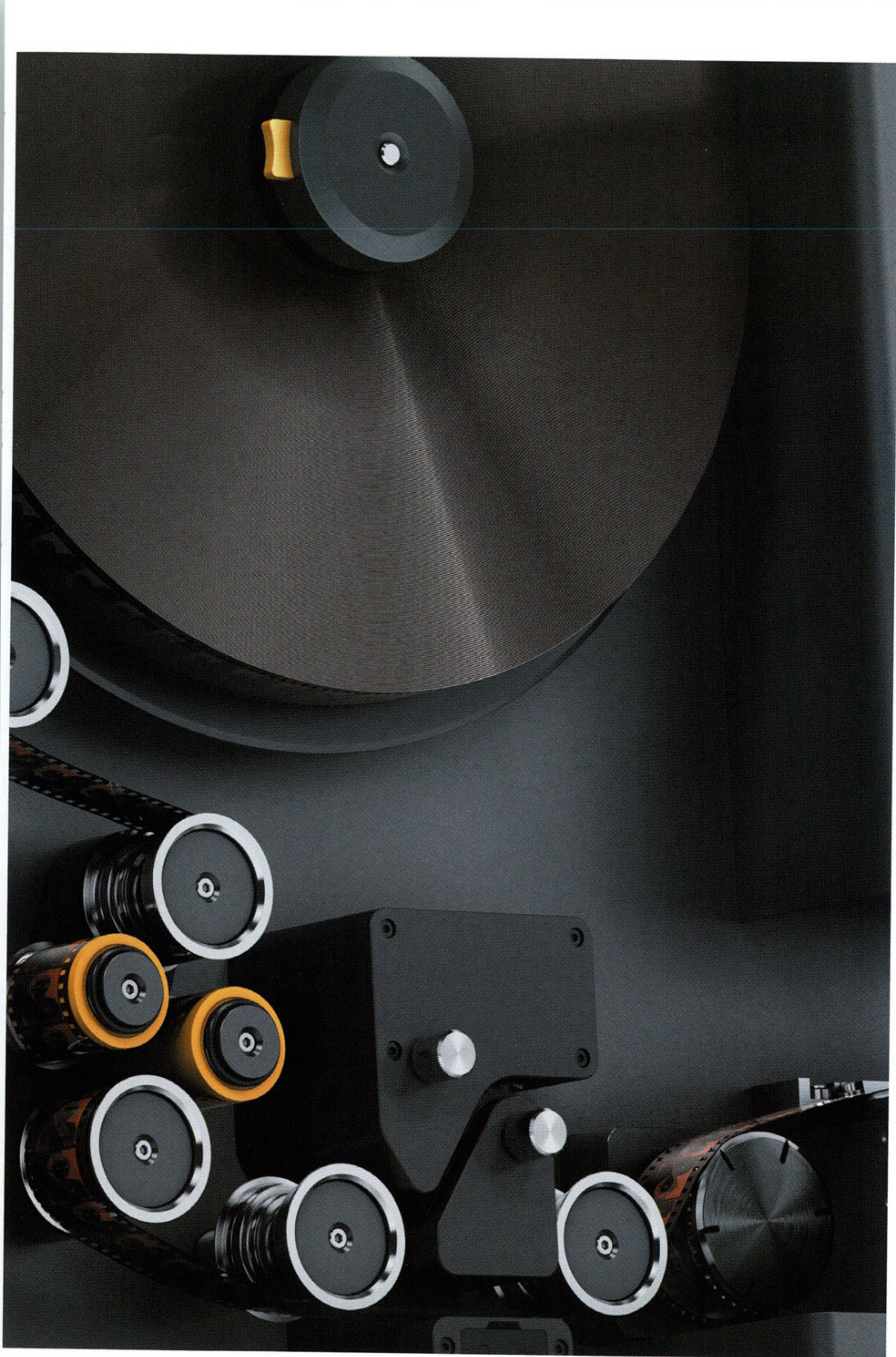
Fusion's GPU acceleration, unlimited network rendering, third party plug-in support, and Python scripting automation makes it the world's most scalable solution! For larger projects with multiple artists, you can even manage shots at every stage of production.







Cintel Film Scanner



Now it's easy to scan your 35mm film library to Ultra HD in realtime!

Founded in 1927, no other company in the world has more experience scanning film than Cintel. Combined with Blackmagic Design's expertise in digital film image processing, high speed digital electronics and cutting edge industrial design, the Blackmagic Cintel Film Scanner is the perfect blend of film traditions combined with modern advanced technology.

The Blackmagic Cintel Film Scanner is a real time 35mm and 16mm film scanner with advanced technology that provides incredibly high quality scans. You get automatic tension control via digital servos that are gentle on your delicate film. The cool running, high intensity spherical RGB LED diffuse light source and wide focal plane across the film gate reduces dirt and scratches and eliminates focus problems across film splices. Only Cintel's patented diffusing sphere technology which reduces the visibility of dust and scratches even while Blackmagic's advanced imaging system allows real time scanning at up to 30fps in Ultra HD resolution.

Featuring an architectural aesthetic that's so thin it can even be mounted on a wall, the Blackmagic Cintel Film Scanner can scan both negative and positive film. There's also an optional 16mm gate for scanning 16mm film. The Blackmagic Cintel Film Scanner is perfect for scanning and creating digital negatives on new films, but also lets you unlock the native 4K resolution of over 100 years of 35mm film stored in vaults around the world. The Thunderbolt connection lets you plug the scanner directly into a Mac or Windows computer running DaVinci Resolve, making it the easiest way to convert classic film into modern Ultra HD content that customers can view on their big screen 4K televisions today!

Cintel Film Scanner \$29,995

Accessories

Cintel Audio and KeyCode Reader \$3,495

ULTRAHD



Blackmagic Studio Camera 4K

The Blackmagic Studio Camera 4K is the perfect advanced broadcast camera for live production! Inside the incredibly tough, lightweight magnesium alloy body you get a large 10" viewfinder, talkback, tally indicators, phantom powered microphone connections and 12G-SDI and user upgradeable optical fiber connections that also let you control your camera from your switcher with a single cable! To enhance the creativity of live production, the Blackmagic Studio Camera even includes a remotely controlled full DaVinci Resolve primary color corrector!

Blackmagic Studio Camera 4K \$1,695

Alternate HD model

Blackmagic Studio Camera HD \$1,495





Now you can produce live multi camera production in any location! The super bright, large viewfinder and compact size of the Blackmagic Studio Camera 4K makes it perfect for talk shows, sitcoms and broadcast news in the studio, or even live concerts and sporting events. The incredible lightweight compact design, foldable sunshade and interchangeable lenses mean you can pack an entire multi camera live production rig into a single road case!

The Blackmagic Studio Camera 4K features a compact and durable magnesium alloy body that is packed with innovative technology. You get a huge 10" viewfinder with sunshade, a flexible MFT mount that gives you more lens options than any other studio camera, multiple mounting points and professional 12G-SDI broadcast connections. The Blackmagic Studio Camera 4K is the world's most advanced camera that's specifically designed for live multi camera production.

The all in one Studio Camera with large viewfinder, talkback, tally, color corrector and 12G-SDI connections!





Blackmagic Micro Studio Camera 4K

The Blackmagic Micro Studio Camera 4K is an incredibly tiny HD and Ultra HD studio camera that's perfectly designed for live production and can be fully controlled by a switcher. It includes powerful features such as a built in color corrector, talkback, tally, PTZ control output, built in microphones, backup battery, an adaptable MFT lens mount and B4 lens control output. The Blackmagic Micro Studio Camera 4K is a true studio camera with dramatically better quality than the biggest and most expensive studio cameras used today.

Blackmagic Micro Studio Camera 4K \$1,295

ULTRAHD **6G SDI**



The world's smallest Ultra HD live studio camera!

The small size and open design of the Blackmagic Micro Studio Camera 4K makes it perfect for live multi camera production! It's virtually invisible and can be hidden almost anywhere on set, giving you the ability to have more camera angles than ever before so you can create a more interesting program. Hide them on stage during live performances or, because they're so small, safely fly them overhead during sporting events. You can even add a professional broadcast lens and a Blackmagic Video Assist for monitoring to turn it into a full blown studio camera!

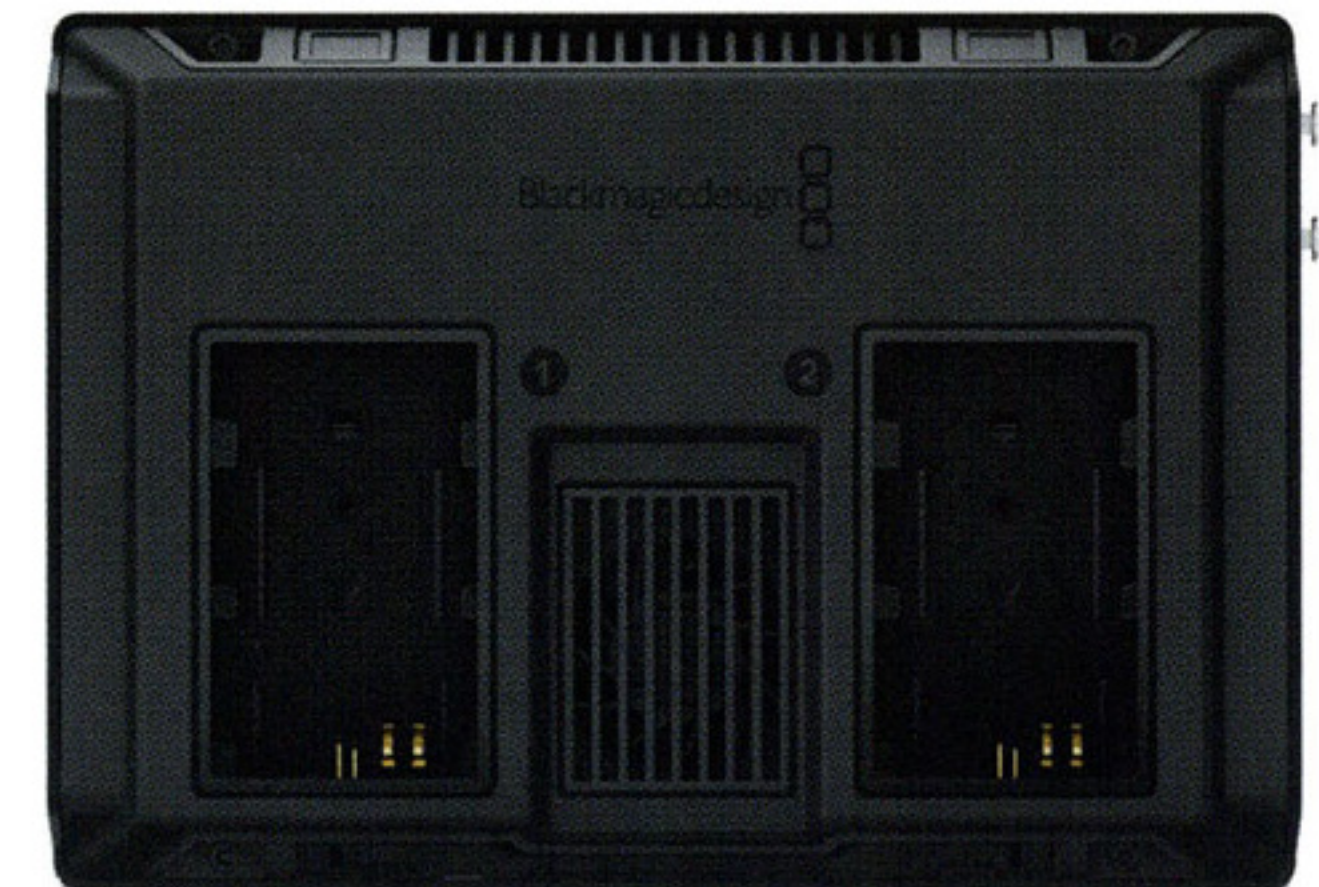
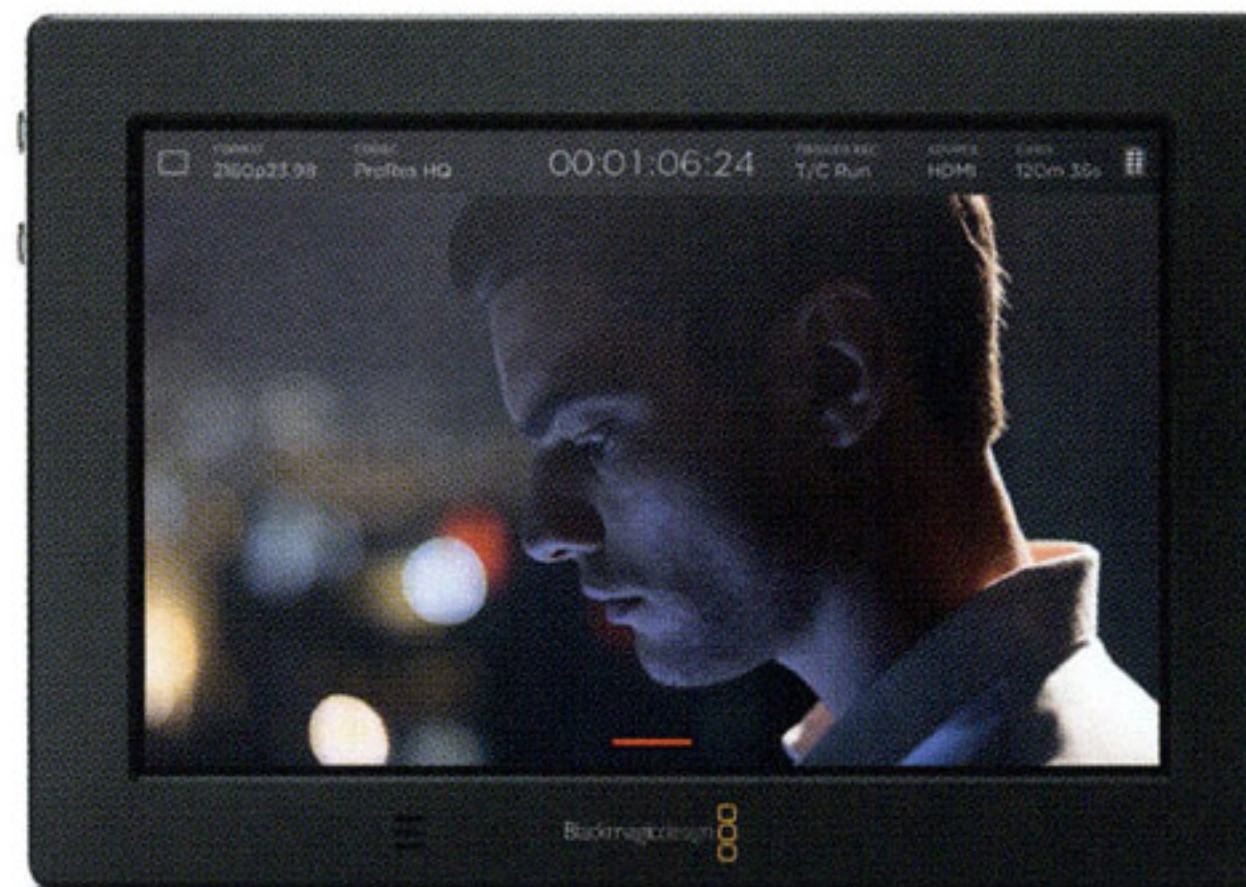
The Micro Studio Camera has a super tough magnesium alloy core in a body that's not much larger than the lens mount itself! You can use affordable, high performance MFT lenses or add a B4 adapter to work with broadcast lenses. Commands sent over SDI from any ATEM switcher give you remote control of settings, color balance, black level, gamma, lens focus, iris and zoom control and more. The camera also features an expansion port that gives you PTZ and B4 lens control outputs to remote control camera heads and broadcast lenses!







Blackmagic Video Assist 4K



Add professional monitoring and beyond broadcast quality recording to any SDI or HDMI camera! Blackmagic Video Assist 4K features a large bright 7 inch monitor that lets you see your framing and makes it easy to get perfect focus! The dual built in recorders use the latest high speed SD cards to record HD and Ultra HD video as professional 10-bit 4:2:2 ProRes or DNxHD/HR files so you get much better quality than most cameras can record. Plus, the files are open standard which makes them compatible with all leading video software so you can start editing without having to convert the files!

Blackmagic Video Assist 4K \$895

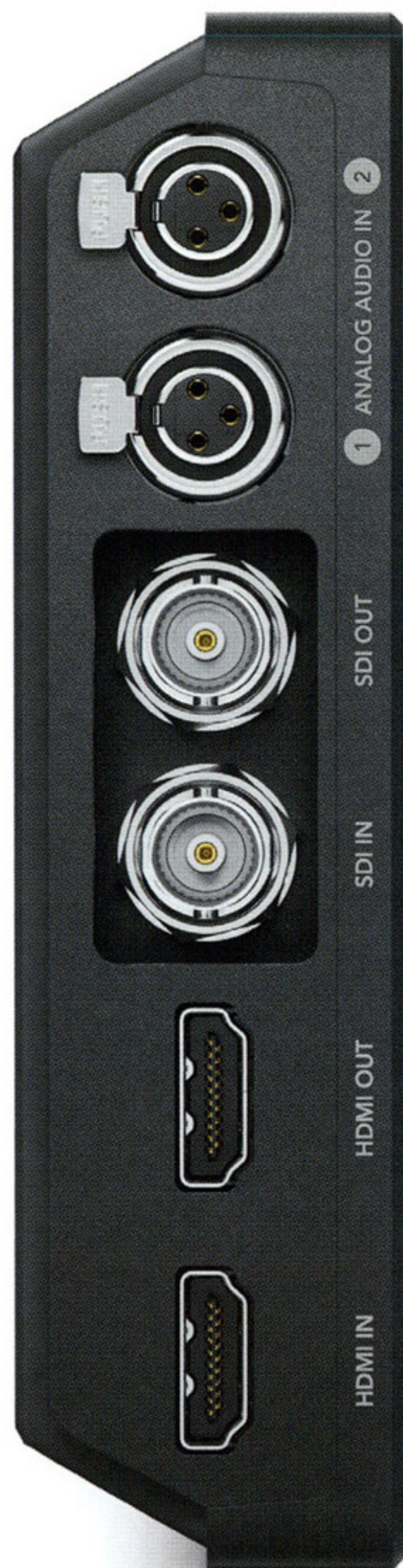
Alternate HD model

Blackmagic Video Assist \$495

ULTRAHD **6G SDI**



Actual size



Add professional monitoring and recording to any camera!

Whether it's a wedding, an indie film, or a television commercial, you need to make sure your images are perfectly sharp and captured at the highest possible quality, no matter what type of camera you use. Blackmagic Video Assist 4K features a large, bright 7 inch touchscreen display for framing, focus and to adjust settings. You also get two UHS-II high speed SD card recorders for non-stop recording of HD and Ultra HD up to 2160p30 onto commonly available SD cards. When one card is full, recording automatically continues on to the next! Plus, the SD cards work with both new and old card readers!

Blackmagic Video Assist 4K lets you bypass low quality camera audio! You get two mini XLR inputs with 48V of phantom power so you can attach external microphones to record high quality audio. With an amazing low electrical noise floor of -128dBV, you get high quality, crystal clear audio that's dramatically better than camera audio! Sound is recorded into the same file as the video which saves you time in editing because you don't have to worry about syncing separate audio and video files! With space for two LP-E6 batteries on the back, plus a 12V DC power connector, you'll never run out of power on a shoot!

ATEM Production Studio 4K

Create stunning multi camera live production with the world's most advanced production switchers! ATEM switches between SD, HD or Ultra HD video standards and includes powerful features such as chroma key, creative transitions, media pool, downstream keyers, audio mixer, multi view and more! The more advanced models include features such as 12G-SDI with up to 20 SDI inputs, SuperSource multi-layer engine, full motion DVE, stinger transitions, larger media pool with full motion clips and up to an incredible 6 auxiliary outputs!

ATEM Production Studio 4K \$1,695

ATEM 1 M/E Production Studio 4K \$2,495

ATEM 2 M/E Production Studio 4K \$3,995

ULTRAHD 6G SDI

ATEM 2 M/E Broadcast Studio 4K \$5,995

ULTRAHD 12G SDI





RACE 12
MIDVALLEY STAKES
1500m

	WIN	PLACE
01 Red River	3.30	1.50
02 Country Road	5.20	3.50
03 Sugarleaf	8.50	2.50
04 Chocolate Biscuit		1.70

Trifecta \$23.50 Quadrifecta \$33.50



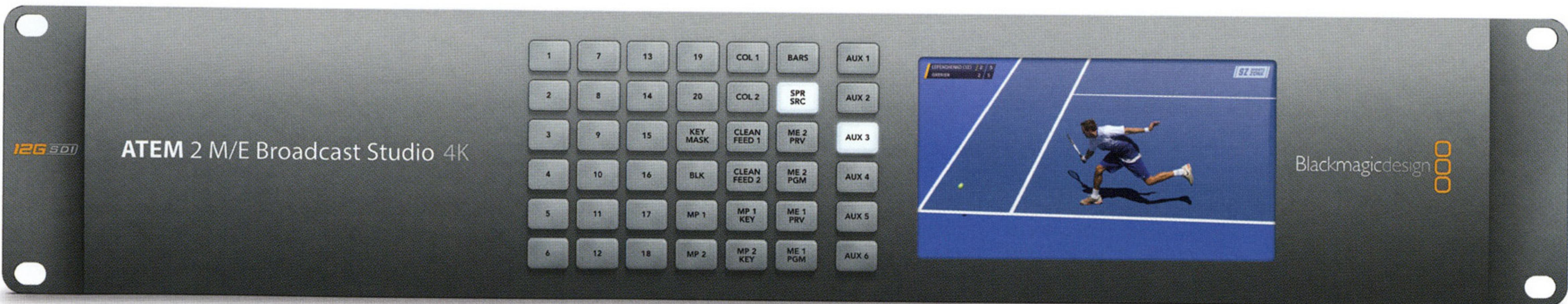
The world's most advanced Ultra HD live production switchers!

ATEM switchers have all of the features you need for the most innovative live concerts, sporting events, theater productions, conferences and more! ATEM can be controlled by the included software control panel for both Mac and Windows or an optional hardware control can be purchased for demanding live productions featuring the highest quality buttons, knobs and faders for even faster switching! Only ATEM gives you such a wide range of control options!

ATEM includes a huge range of real time high quality transitions that are available in all SD, HD or Ultra HD resolutions! Use mixes, dips, wipes and more for amazing broadcast quality live switching! Every transition is instantly available and you get full control of the transition type, pattern, length and other attributes. Create customized 'on air' looks using the large choice of wipe patterns. The ATEM 1 M/E and 2 M/E models even include animated stingers and DVE transitions!



6G SDI



12G SDI

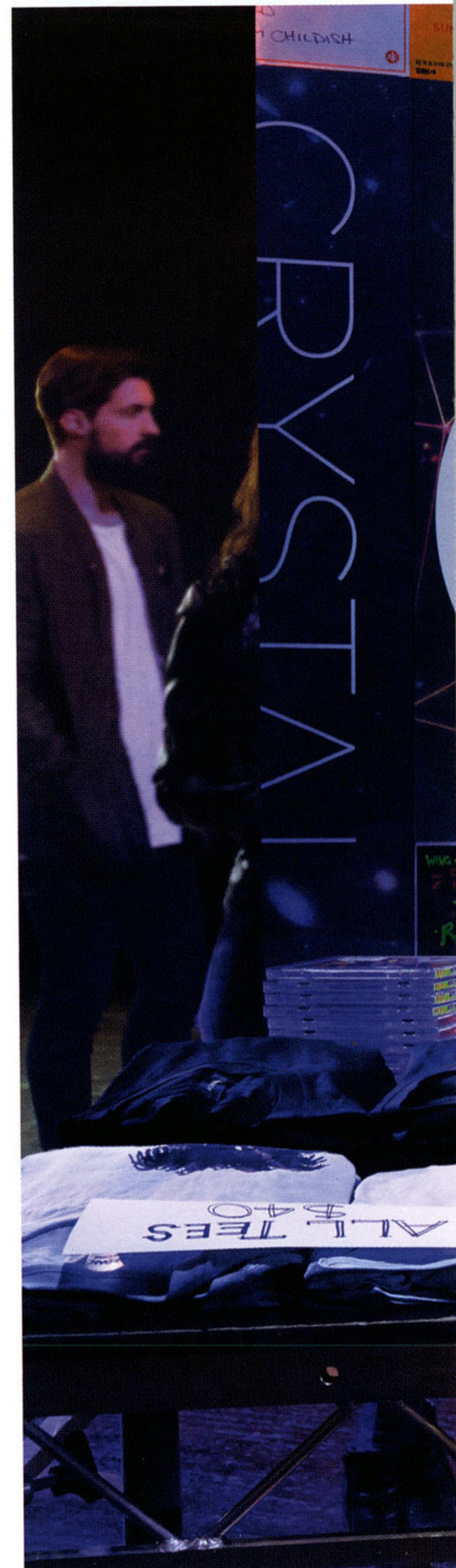
Blackmagic Duplicator 4K

Now
with
H.264

Now you can immediately sell content at live events the moment they finish! The Blackmagic Duplicator 4K solves the problem of distributing Ultra HD content by using either H.264 or the latest H.265 video encoding technology and recording files onto inexpensive SD cards that can be played anywhere! You get realtime H.264 and H.265 encoding and multi rate 12G-SDI for recording all SD, HD and Ultra HD formats up to 2160p60, along with 25 built in SD card recorders. That means you can shoot, record, merchandise and deliver content that customers can actually view on their 4K televisions today!

Blackmagic Duplicator 4K \$1,995

ULTRAHD 12G SDI



with a MYSTERY LINEUP
RAISED BY GONER RECORDS
WITH MACH PELICAN & SPAZZYS
PROGRAMMED BY JULIAN WU
TOTE FRONT BAR
SATURDAY ARVOS IN JULY

CRYSTAL
WOLVES

YOUR VIDEO COPY
OF TONIGHTS SHOW!

\$40

PAST PERFORMANCES
ALSO AVAILABLE
FOR \$35

CONSTELLATION TOUR 2016
crystalwolves.bandcamp.com

WING & GILL PRESENTS
STRAIGHT ARROWS
PROPERTY OF CORNHORN HOTEL
SIGN ALL EQUIPMENT & OUT ON REQUEST
SECURITY RADIO PROTECT

WING & GILL PRESENTS
STRAIGHT ARROWS
PROPERTY OF CORNHORN HOTEL
SIGN ALL EQUIPMENT & OUT ON REQUEST
SECURITY RADIO PROTECT





Now it's possible to sell Ultra HD content direct to customers at live events with the new Blackmagic Duplicator 4K.

The best time to sell content is right after an event when people are still excited about it! With the Blackmagic Duplicator 4K, you can sell concert videos to fans, performance videos to parents after their kid's show or recital, wedding videos to guests, sporting videos, conferences, seminars and more. Capture the enthusiasm of impulse buyers before they walk out the door and are excited to get the performance they just saw!

The Blackmagic Duplicator 4K uses open standard H.264 and H.265 files that can be played back on Ultra HD televisions and even on your computer. There's no need for expensive, proprietary players like Blu-ray. Files are saved on common SD cards which are compatible with everything, can hold SD, HD and Ultra HD video, and cost less than \$1 per GB! It's the easiest and lowest cost way to distribute Ultra HD content today!





ATEM 2 M/E Broadcast Studio 4K



HyperDeck Studio Mini

The advanced miniaturized design of HyperDeck Studio Mini puts the powerful features of a professional grade deck into a compact size that can be used anywhere! You get 6G-SDI for working with all formats up to 2160p30, 10-bit ProRes recording onto dual SD/UHS-II card recorders, ethernet for FTP media uploading and familiar VTR style controls. Its modular design and unique features, such as reference in/out and a built in sync generator, make HyperDeck Studio Mini perfect for things such as digital sign players, ISO recorders, mastering and much more!

HyperDeck Studio Mini \$695

Alternate models available

HyperDeck Studio \$995

HyperDeck Studio 12G \$1,495

HyperDeck Studio Pro \$1,995

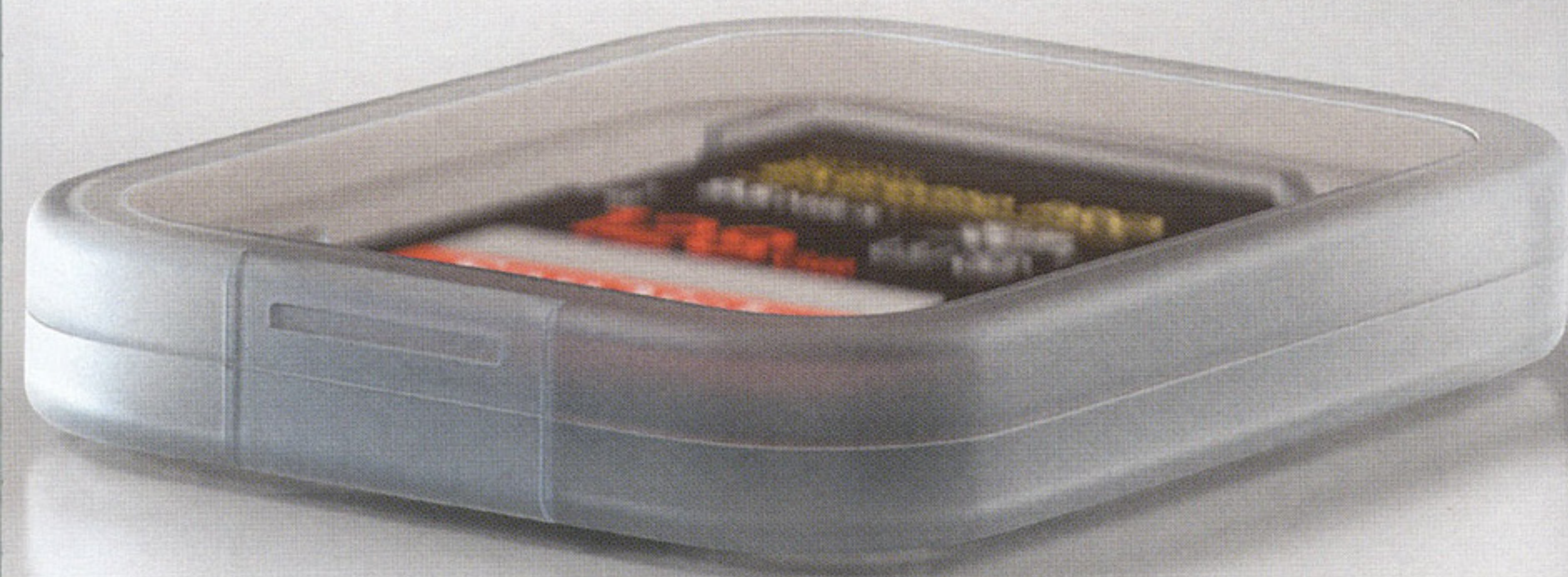
ULTRAHD 6G SDI





Broadcast quality 10-bit recording and playback you can take anywhere!

HyperDeck Studio Mini is perfect for use as a master program recorder during live multi camera production, or as an ISO recorder from your cameras so you can edit the final program later. It's also a powerful clip player for playback directly to air, or even as a client preview deck in a conference room with a large HDMI television. Because you can lock and sync multiple units together, it's ideal for high resolution digital signs that use multiple screens. The separate fill and key SDI outputs let you use it to play animated broadcast graphics with an alpha channel for keying over live video with a live production switcher, all in real time! The incredibly small design is only 5.5 inches wide, features dual SD card recorders, professional connections and more, making it the world's most versatile professional deck!

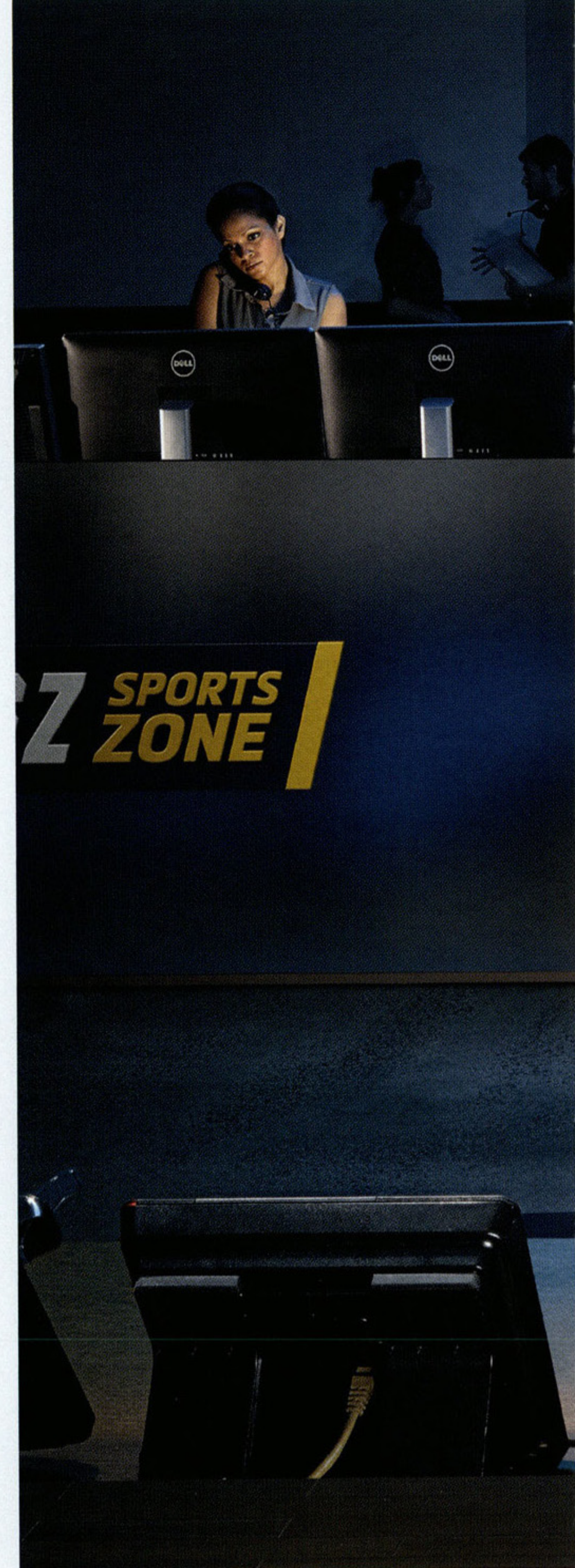


ATEM Talkback Converter 4K

The ATEM Talkback Converter 4K is a complete solution for adding talkback for up to 8 cameras for true two way communication with all of your camera operators during live production. You can work with any SD, HD or Ultra HD camera format up to 2160p60 using standard SDI cables. For even longer camera distances, you can add optional optical fiber modules to the ATEM Talkback Converter 4K to get bi-directional video, talkback and tally with cameras placed up to 28 miles away!

ATEM Talkback Converter 4K \$2,495

ULTRAHD 12G SDI





22:07

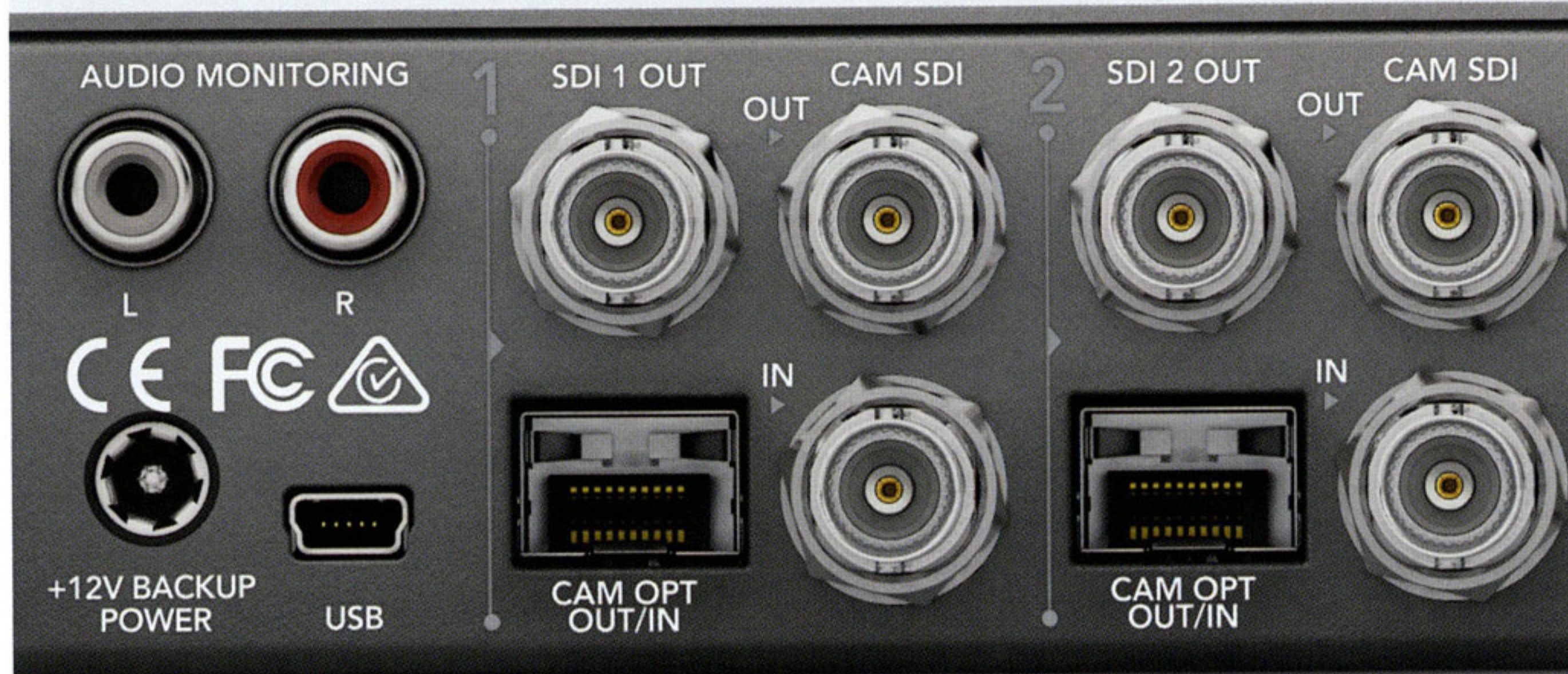
LON

02:07

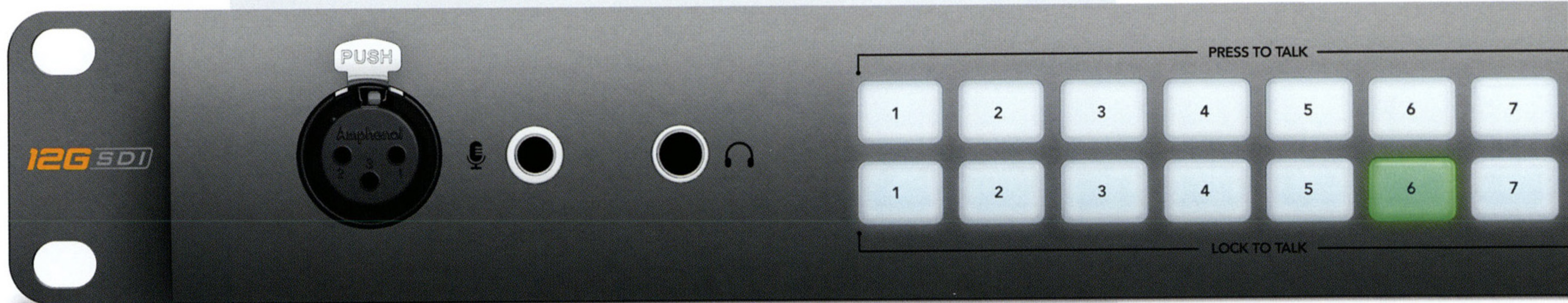
DUB

07:07

TOKY



Direct your entire camera crew
with two way communication!





Add talkback for 8 cameras!

Live concerts and sport place cameras all around the stadium or concert hall to get the action from the best angles. If the Director can't talk to the cameras, the show suffers. The ATEM Talkback Converter 4K and Blackmagic Studio Cameras work with standard general aviation headsets that are better quality than those used in expensive broadcast talkback systems. That means you can use affordable, high quality noise cancelling aviation headsets that will let you hear the director clearly, even in extremely noisy locations!

Because ATEM switchers use Blackmagic's revolutionary SDI control protocol to send talkback and tally along with the video over the SDI camera and program return feeds, you don't have to run any extra cables! If you're using a third party SDI or HDMI camera that doesn't support the SDI control protocol, simply add an ATEM Camera Converter to each camera to give them talkback and tally, along with SDI and optical fiber connections to and from the talkback converter and switcher!







SmartView 4K

Introducing the world's first full resolution Ultra HD broadcast monitor with 12G-SDI. The SmartView 4K features an amazingly bright and clean display plus adds advanced broadcast features such as 3D LUTs, adjustable on screen markers, H/V delay, blue only and more! 12G-SDI means you can monitor advanced formats such as Ultra HD p60 as well as all SD and HD formats. When viewing SD or HD sources, SmartView 4K includes incredible Teranex scaling for superior image quality.

SmartView 4K \$995

Alternate HD model
SmartView HD \$795

ULTRAHD 12GSDI

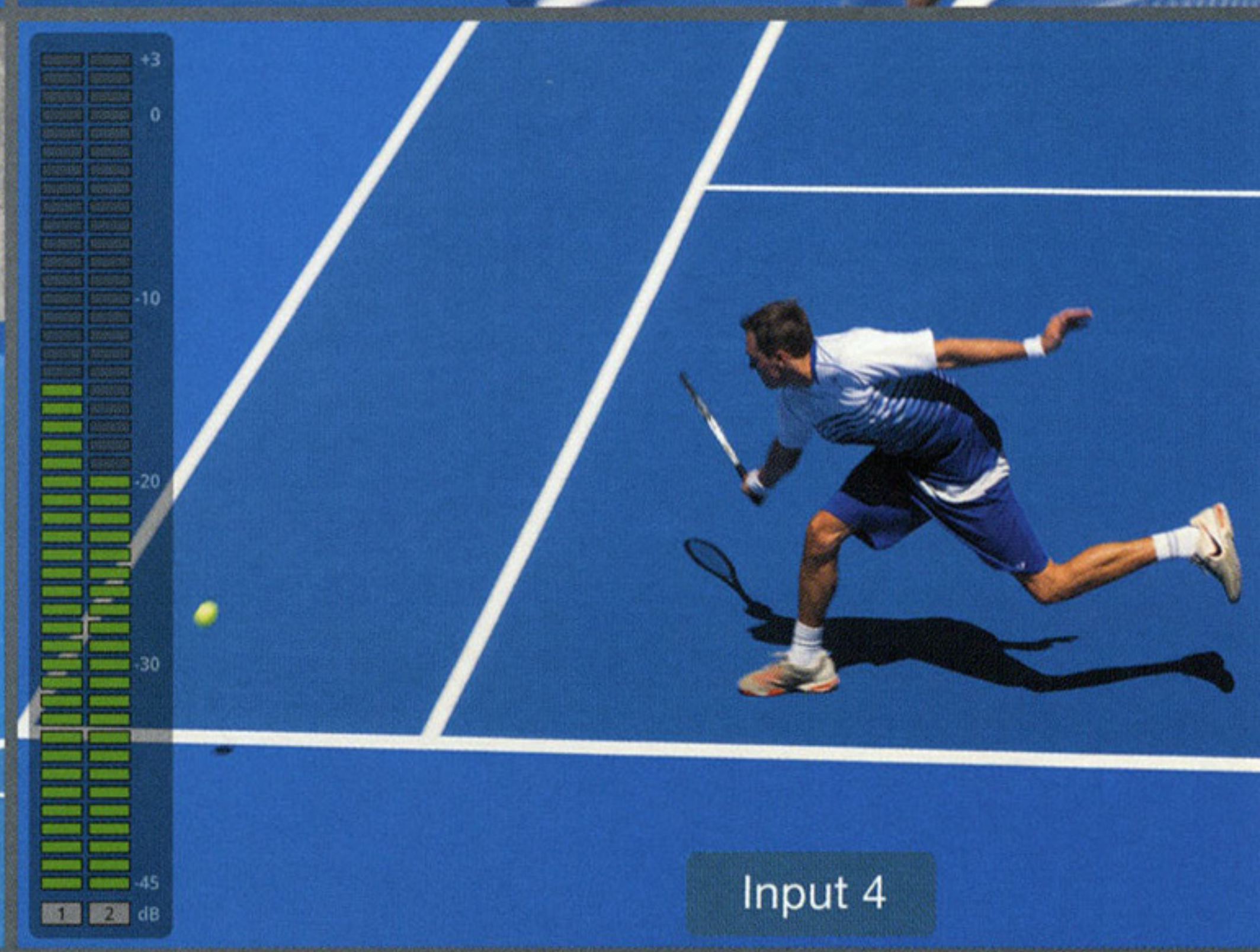
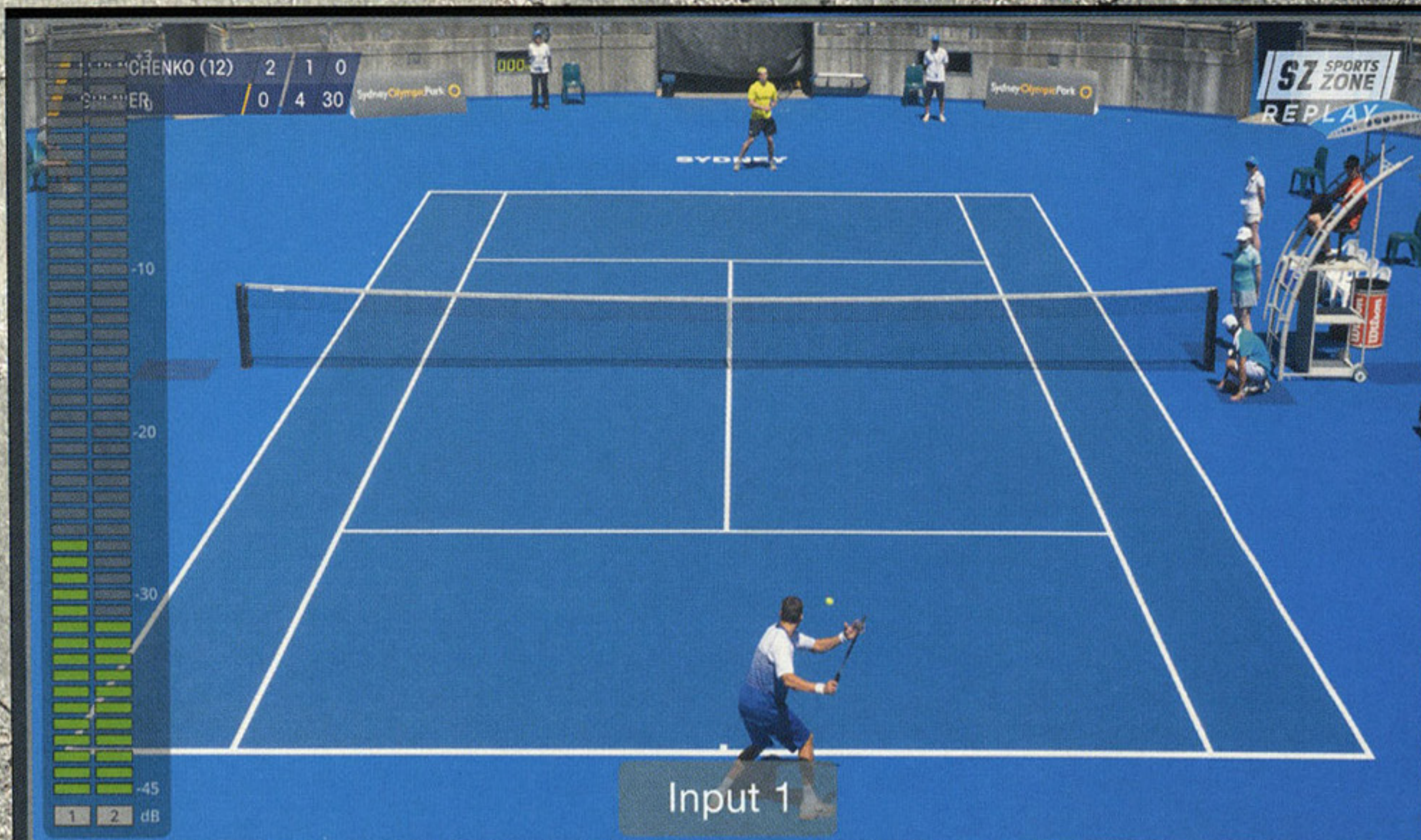


Advanced broadcast monitoring with support for Ultra HD p60 via 12G-SDI.

Whether you're monitoring in a broadcast facility, at a live event, in a news truck or on set, SmartView 4K gives you the quality and compatibility you need to work with virtually any type of video. The multi rate 12G-SDI connections will automatically detect SD, HD and Ultra HD video formats and then switch incredibly fast. SmartView 4K includes dual 12G-SDI inputs allowing source switching, plus there is the facility to add an optical fiber SDI module into the monitor.

SmartView 4K features dual AC and 12V DC power inputs for both studio and portable use and the dual 3D LUTs can be turned on and off with the push of a button. Like all models of SmartView monitoring, you can use the included Mac and Windows software to change all monitor settings remotely, perfect for large broadcast studios. The H/V delay and blue only features allow easy technical monitoring and the adjustable guide overlays are perfect for checking if your camera shot is level and title alignment is correct.







Blackmagic MultiView

Blackmagic MultiViews are the world's first native Ultra HD multi viewers that let you monitor completely independent SDI video sources on a single display! You get full frame re-synchronization on every input, so you can monitor any combination of SD, HD and Ultra HD formats and frame rates all at the same time. When used with a high resolution 3840 x 2160 Ultra HD television, MultiView can output four full resolution 1920 x 1080 HD sources on a single screen at once. You can even turn on overlays for audio meters, custom labels and more!

Blackmagic MultiView 4 \$495
Blackmagic MultiView 16 \$1,495

ULTRAHD 6G SDI



Monitor any combination of SD, HD and Ultra HD sources all at the same time!

Blackmagic MultiView 4 is the highest resolution multi viewer in the world! You get four completely independent 6G-SDI inputs with full frame re-synchronization so you can monitor any combination of SD, HD and Ultra HD formats and frame rates all at the same time on a single display! Each 6G-SDI input features a loop thru for connecting to other equipment. Ethernet remote control lets you turn on audio meters, create custom labels, turn on tally and more! You can even add an optional Teranex Mini Smart Panel for front panel control.

Blackmagic MultiView 16 includes all of the same great features as MultiView 4, and is designed to be used in larger, more complex setups. You get 16 completely independent 6G-SDI inputs all with full frame re-synchronization and can also view any combination of SD, HD and Ultra HD sources. MultiView 16 features full front panel router style controls, along with an LCD screen and spin knob to adjust settings, route sources to different views, turn on overlays, and more. You can display sources in a 2x2, 3x3, 4x4 grid, or even in a SOLO view for full screen viewing of any single source!



MultiView 4

MultiView 16



SmartScope Duo 4K

When you need to analyze image quality more accurately, then SmartScope Duo 4K features advanced and technically accurate waveform monitoring. You get seven of the most popular waveform displays including waveform, vectorscope, RGB parade, YUV parade, histogram and audio phase, as well as 16 channel audio level scopes. The waveform displays are broadcast accurate and show you everything you need to know technically about your video and audio signals.

SmartScope Duo 4K \$795

ULTRAHD **6G SDI**

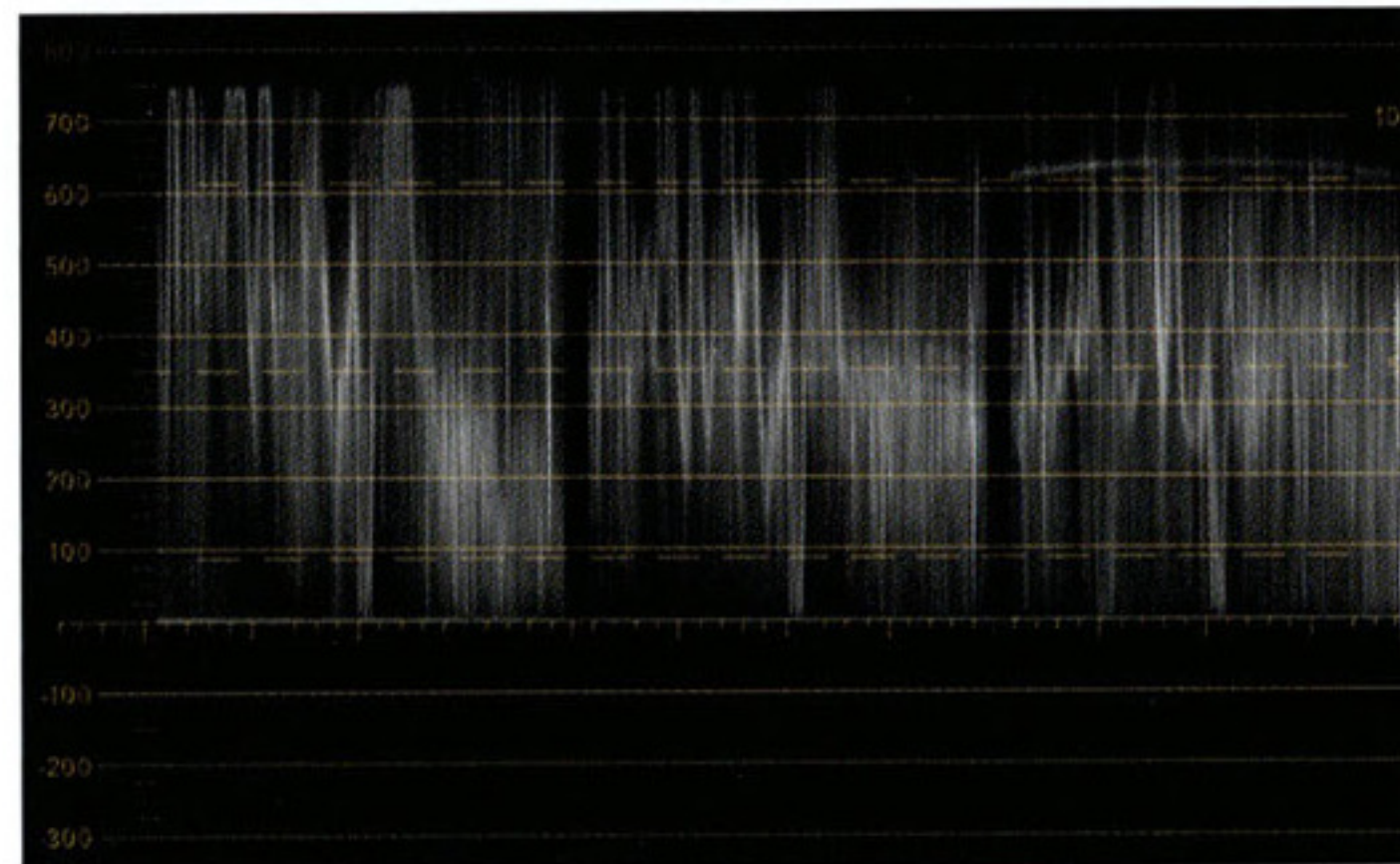


Only SmartScope Duo 4K gives you 7 broadcast accurate scopes for SD, HD and Ultra HD.



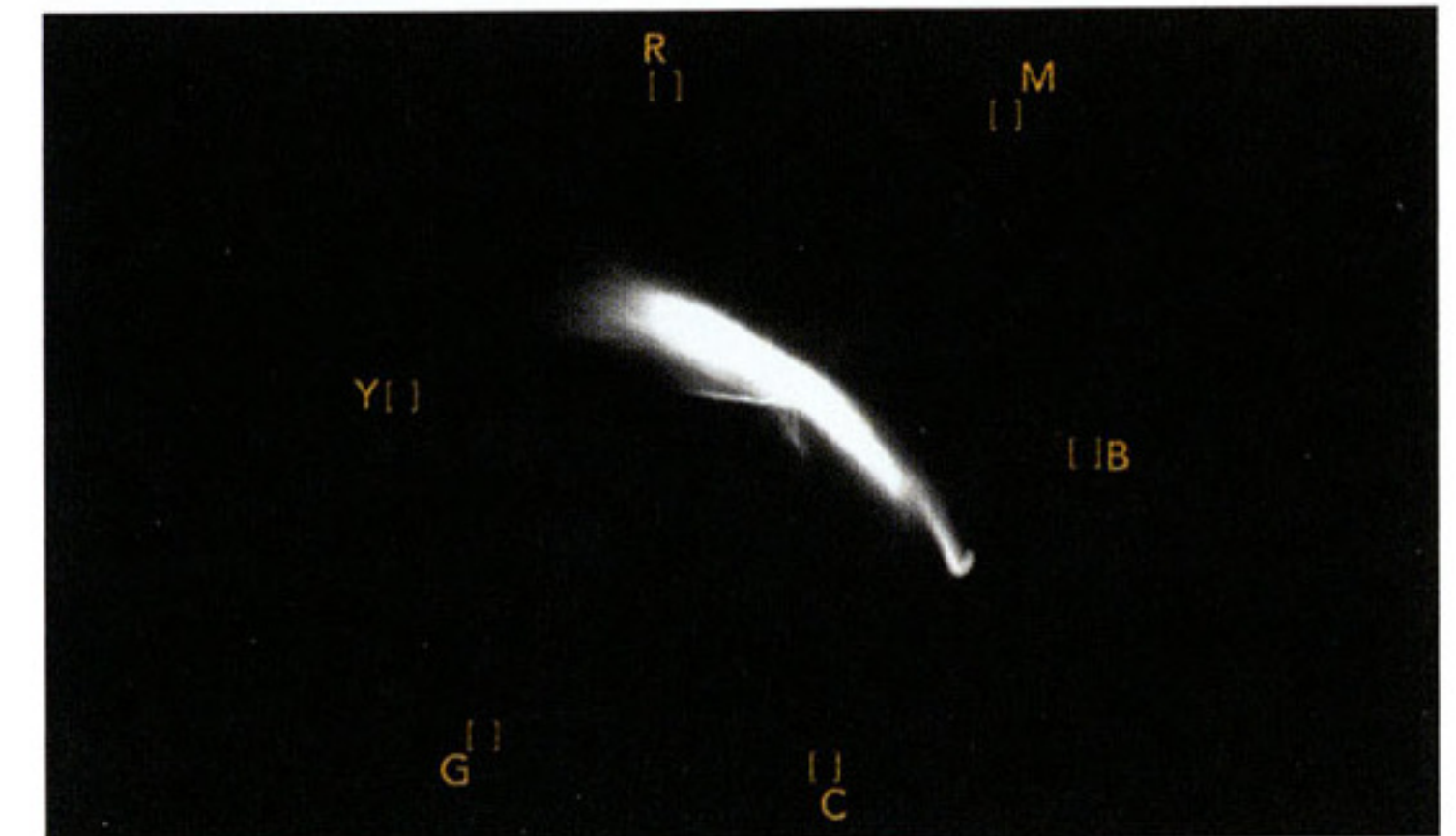
Picture View

SmartScope allows regular video monitoring so it's a perfect solution for when multiple rack mount monitors are required in a small space!



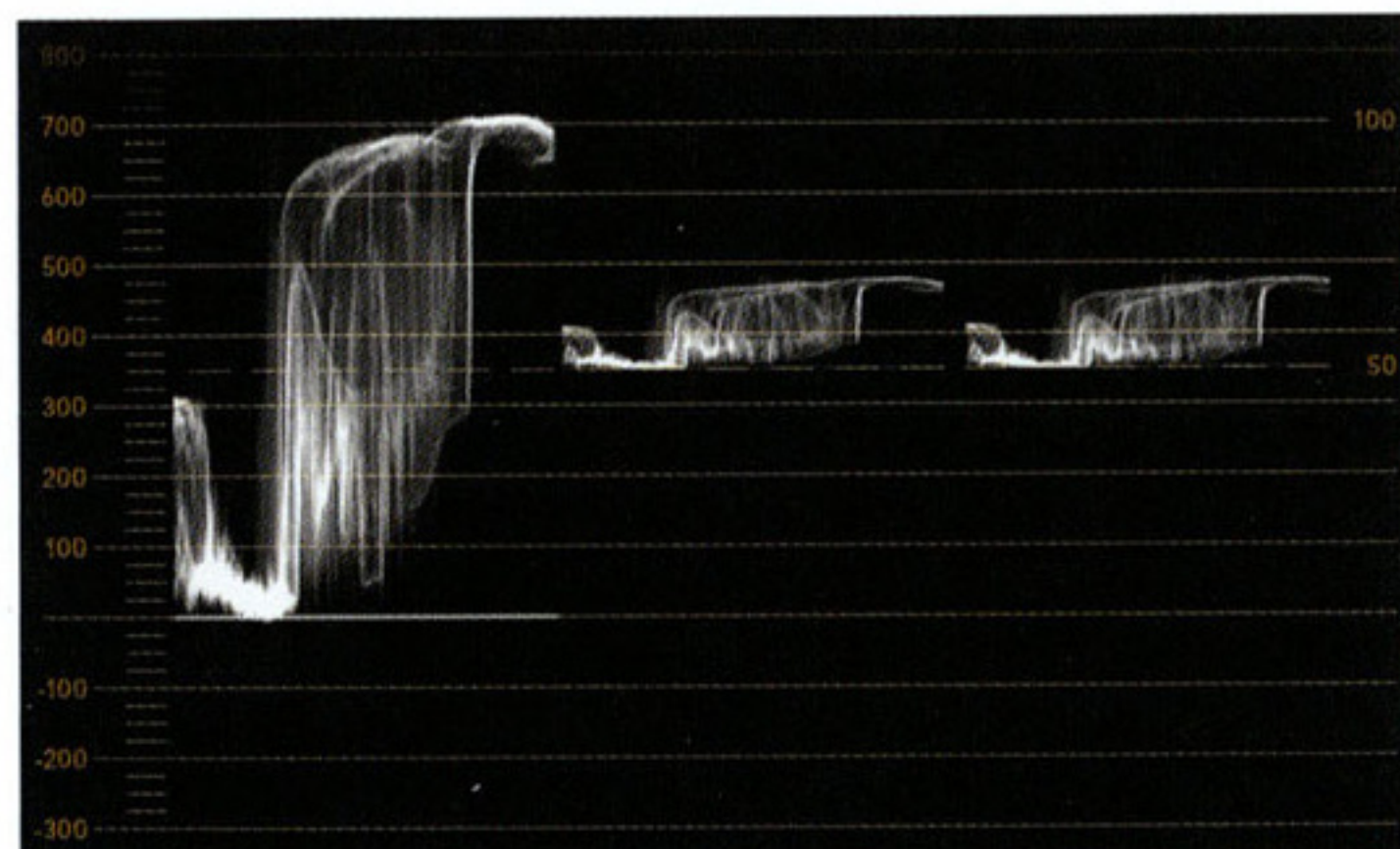
Waveform

Waveform display is perfect for adjusting video levels or matching black background levels when keying! Waveform view is easy and allows accurate results!



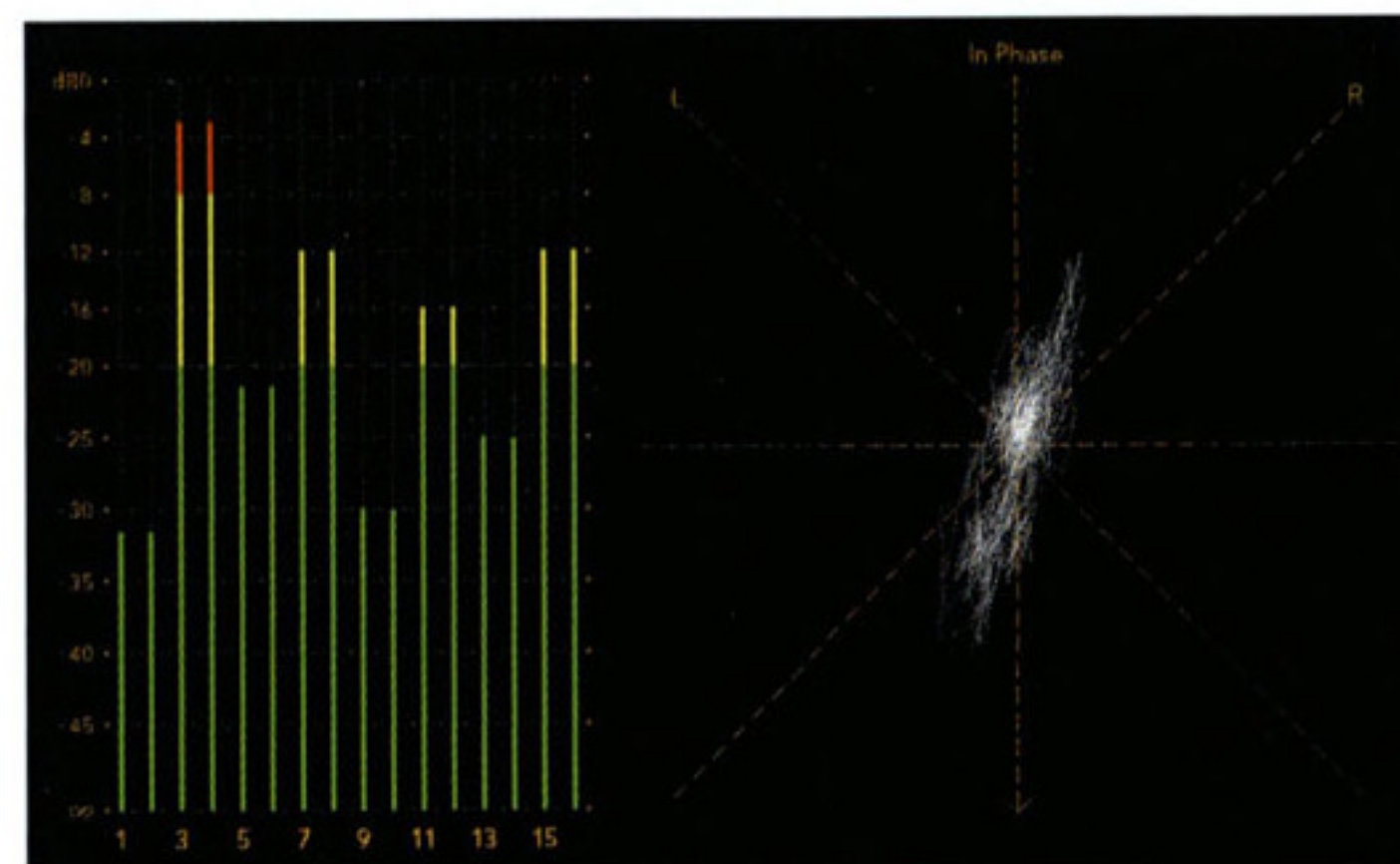
Vectorscope

Vectorscope displays colors accurately! Sometimes monitors cannot be trusted, but with vectorscope you'll always know the exact colors you're working with!



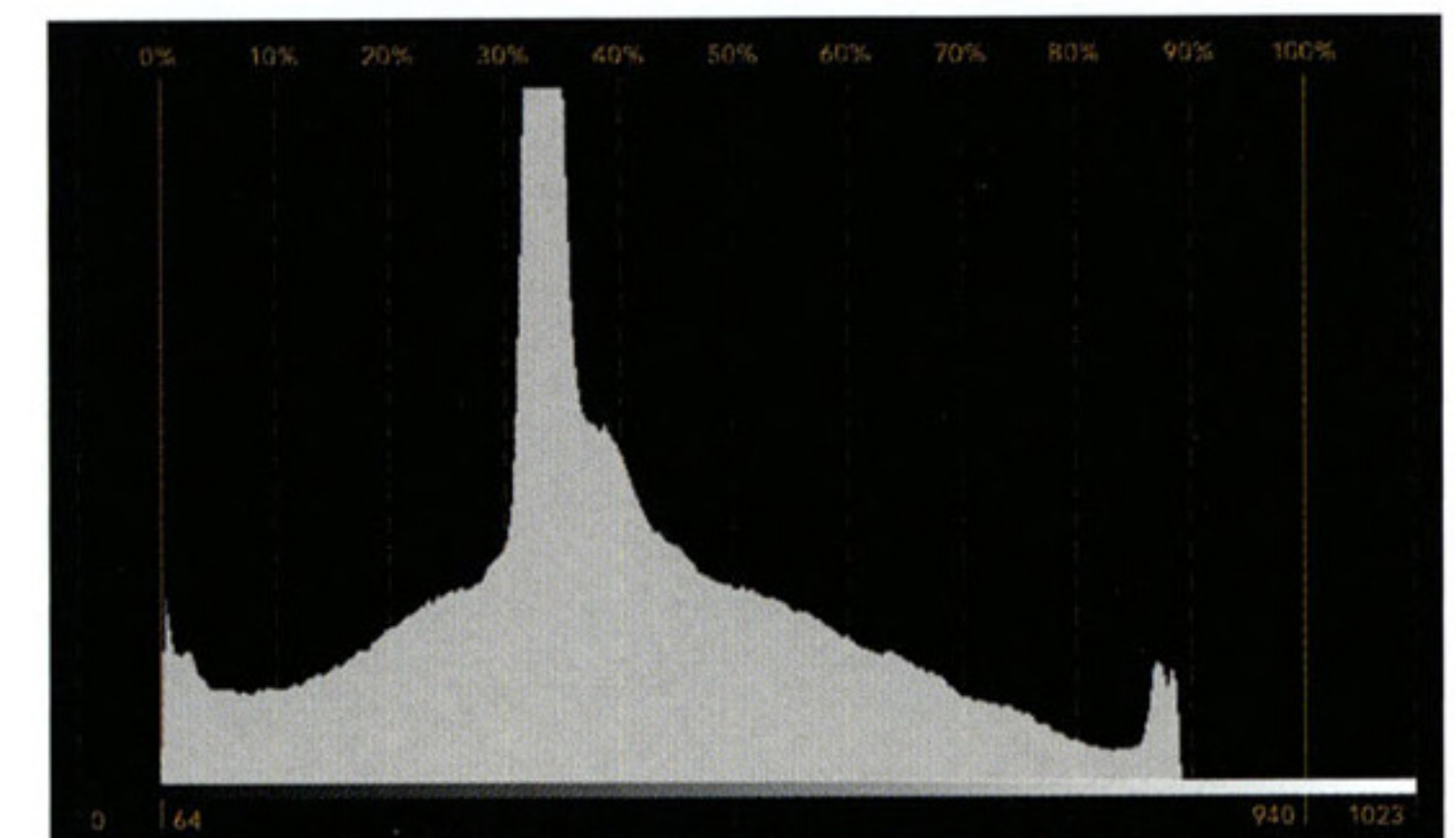
Parade Display

RGB and YUV parade waveform view is perfect for accurate color correction. You can see the color balance in 'blacks', 'mids', and 'whites' making it easy to balance colors.



Audio Scope

Monitor your audio levels with 16 channels of audio metering, plus a stereo phase meter so it's easy to see audio problems such as clipping and out of phase audio.



Histogram

Histogram view lets you see where the pixels are in your video, and how they are distributed from black to white. That's perfect for setting exposure on cameras!



Professional waveform monitoring allows you to keep track of video and audio quality at all times and is the only way to ensure your production work meets all international standards. Waveform monitoring can be installed to perform general technical monitoring and quality control, as well as installed into client areas for use during editing, mastering and color correction.

SmartScope Duo 4K features an elegant front panel that is designed to allow multiple SmartScope Duo 4K or SmartView models to be mounted next to each other for a clean overall “wall of monitors” look! Lightweight and ultra thin, SmartScope Duo 4K is perfect for broadcast trucks and fly away kits! When you need to mount SmartScope Duo 4K in the extreme top or bottom of racks, the units can be rotated for the optimum viewing angle!



INPUT

DISP

H/V
DELAY

BLUE
ONLY

3D
LUT 1

3D
LUT 2

H
MARK

V
MARK

△

▽

⏻

SOLO
LEFT

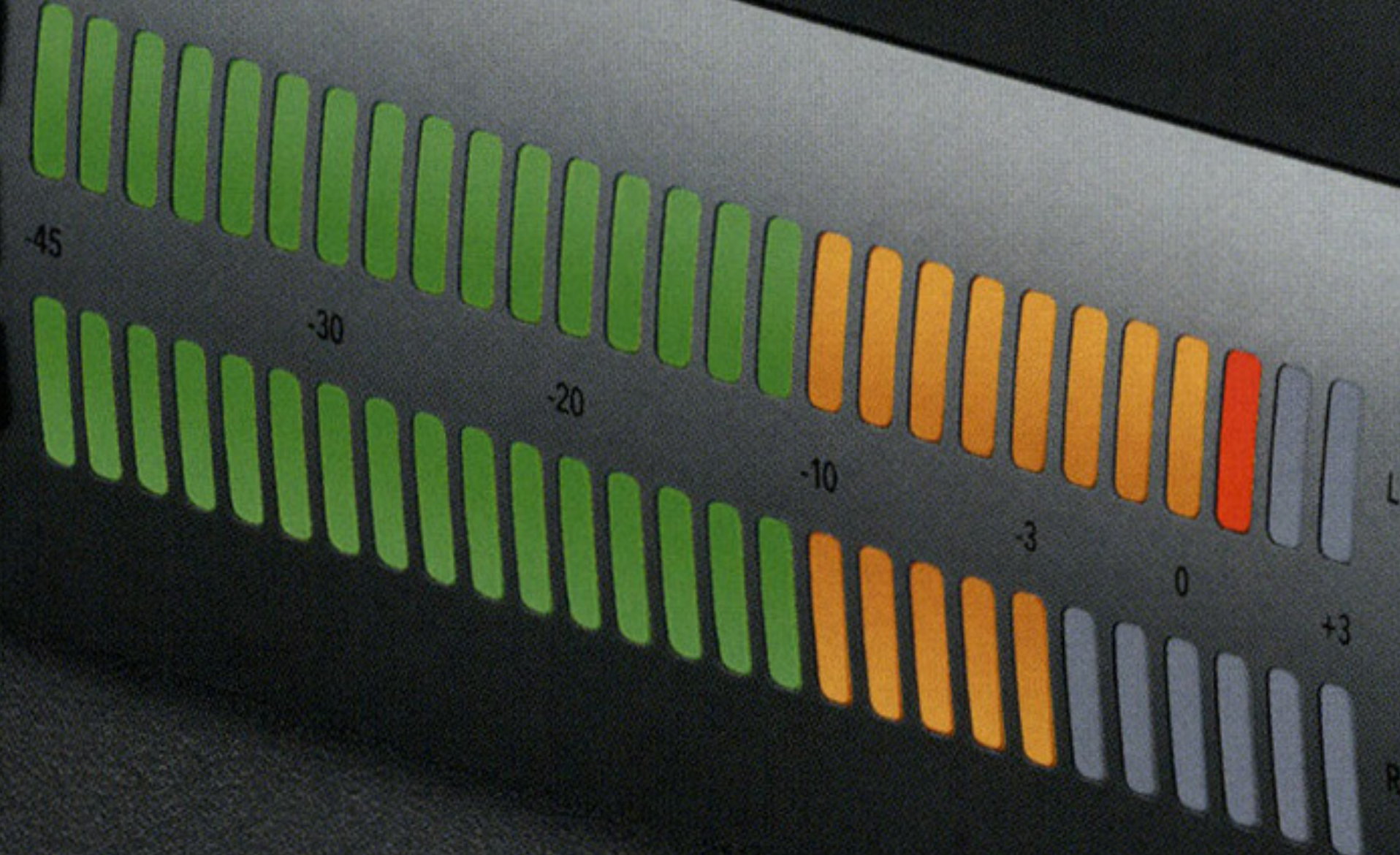
SOLO
RIGHT

CH
▲

CH
▼

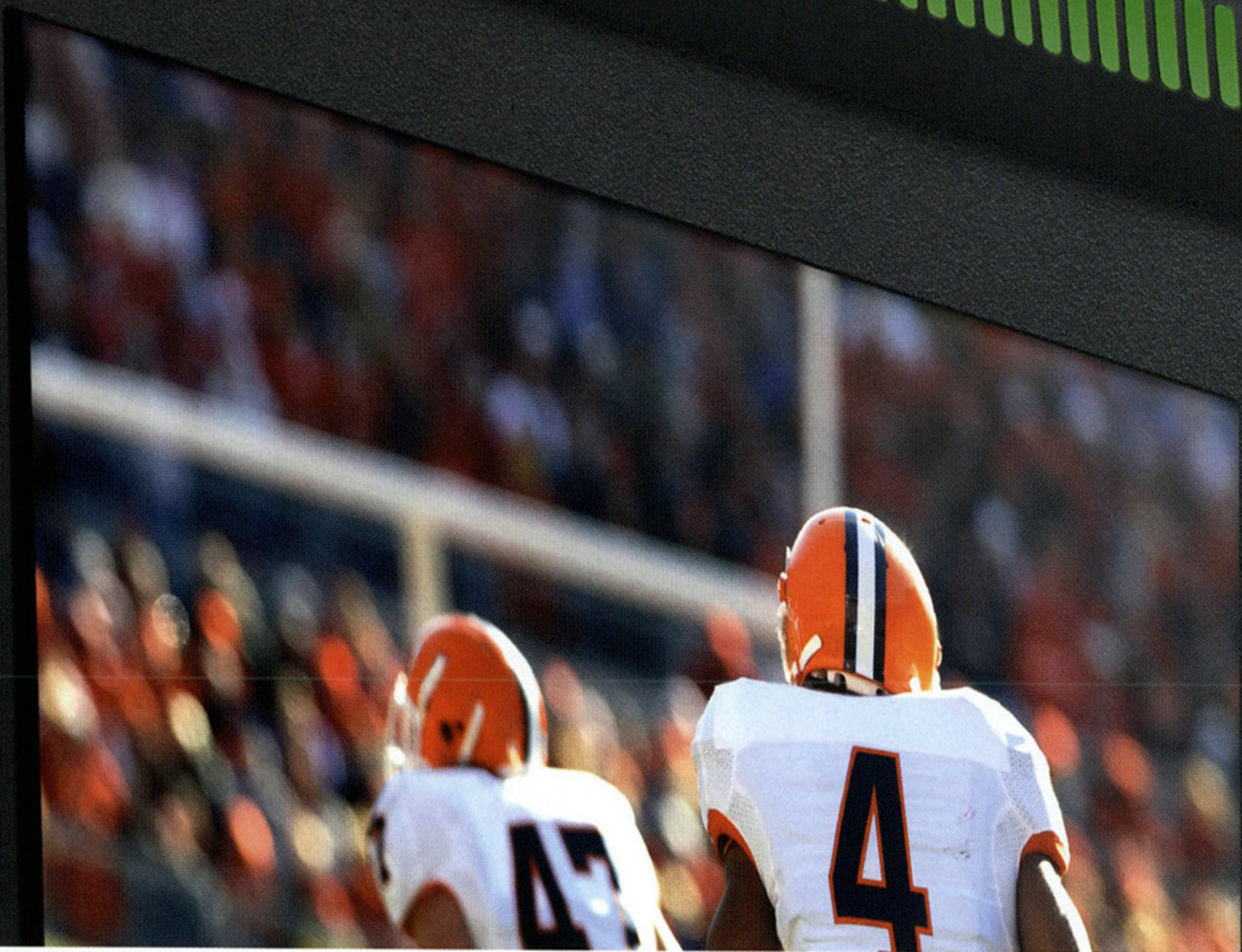
INPUT

🔇



SDI

1080PsF/30



Blackmagic Audio Monitor

Blackmagic Audio Monitor gives you fantastic quality audio monitoring in a small one rack unit size! With a dual subwoofer design combined with extra high quality speakers all backed by a super powerful class A/B amplifier, Blackmagic Audio Monitor features an elegant design with analog, AES/EBU and 6G-SDI inputs, big bright multi color audio meters and a built in LCD for monitoring video sources. You even get an HDMI 4K output for native Ultra HD monitoring using televisions.

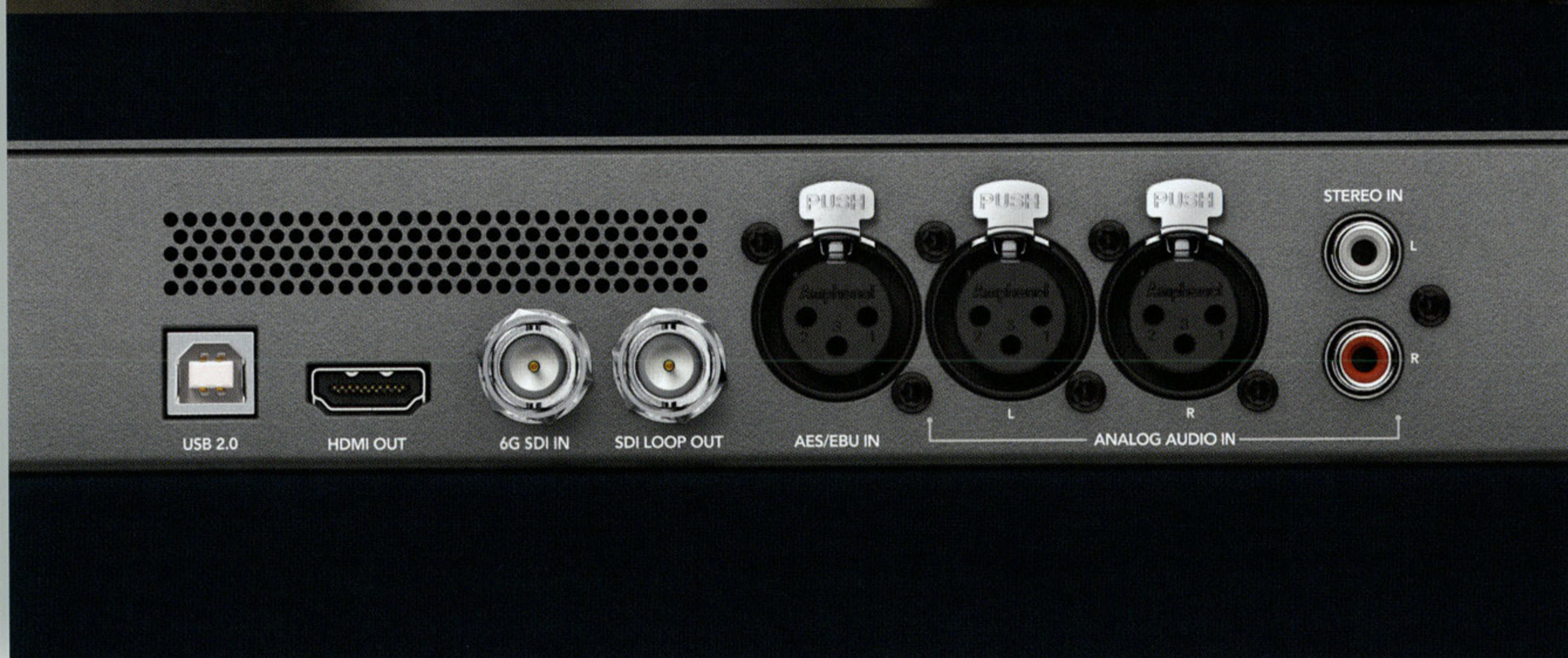
Blackmagic Audio Monitor \$1,495

ULTRAHD **6GSDI**



Blackmagic Audio Monitor has the features, small size and high quality sound for monitoring audio anywhere you need it. With both audio and video monitoring included in the single unit, Blackmagic Audio Monitor is perfect for technical monitoring in broadcast trucks, edit suites, audio post production and much more!

The Blackmagic Audio Monitor was designed using the latest advanced audio analysis technology to create a wide and smooth frequency response curve with crisp highs and powerful deep bass. High quality speakers ensure you get great sounding music, extremely clear voice tracks and all the detail of effects tracks!



Incredible quality audio monitoring
with 6G-SDI and Ultra HD technology!



Teranex Mini

Next generation mini converters
with better technology and features!

Introducing Teranex Mini, next generation mini converters with better technology, advanced 12G-SDI and more features than ever before! Teranex Mini supports all SD, HD and Ultra HD formats up to 2160p60 and includes internal AC power, or PoE + for redundancy, pro XLR audio connections and ethernet for remote management! You can add an optional front panel with color display and controls so you can quickly monitor video and change settings from the front of the converter! You get the same great features of regular mini converters and so much more!

ULTRAHD 12G SDI

Teranex Mini SDI Models

Teranex Mini - SDI to HDMI 12G	\$495
Teranex Mini - HDMI to SDI 12G	\$495
Teranex Mini - SDI to Analog 12G	\$495
Teranex Mini - Analog to SDI 12G	\$495
Teranex Mini - SDI to Audio 12G	\$495
Teranex Mini - Audio to SDI 12G	\$495
Teranex Mini - Quad SDI to 12G-SDI	\$495
Teranex Mini - 12G-SDI to Quad SDI	\$495
Teranex Mini - SDI Distribution 12G	\$495
Teranex Mini - IP Video 12G	\$495

Teranex Mini Optical Fiber Models

Teranex Mini - Optical to HDMI 12G	\$495
Teranex Mini - HDMI to Optical 12G	\$495

Teranex Mini Accessories

Teranex Mini - Smart Panel	\$85
Teranex Mini - Rack Shelf	\$85



Shown with optional Teranex Mini Smart Panel.





The world's first 12G-SDI rack mount converters for
SD, HD and Ultra HD up to 2160p60.



Teranex Mini - SDI to HDMI 12G
Convert SD, HD and Ultra HD SDI to HDMI
and analog or AES/EBU audio.



Teranex Mini - SDI to Analog 12G
Convert SD, HD and Ultra HD SDI to YUV/S-Video/
Composite with analog or AES/EBU audio.



Teranex Mini - SDI to Audio 12G
De-embed audio to analog or AES/EBU from
any SD, HD or Ultra HD SDI connection.



Teranex Mini - HDMI to SDI 12G
Convert HDMI with HDMI, analog or AES/EBU
audio to SD, HD and Ultra HD SDI.



Teranex Mini - Analog to SDI 12G
Convert YUV/S-Video/Composite with analog or
AES/EBU audio to SD, HD and Ultra HD SDI.



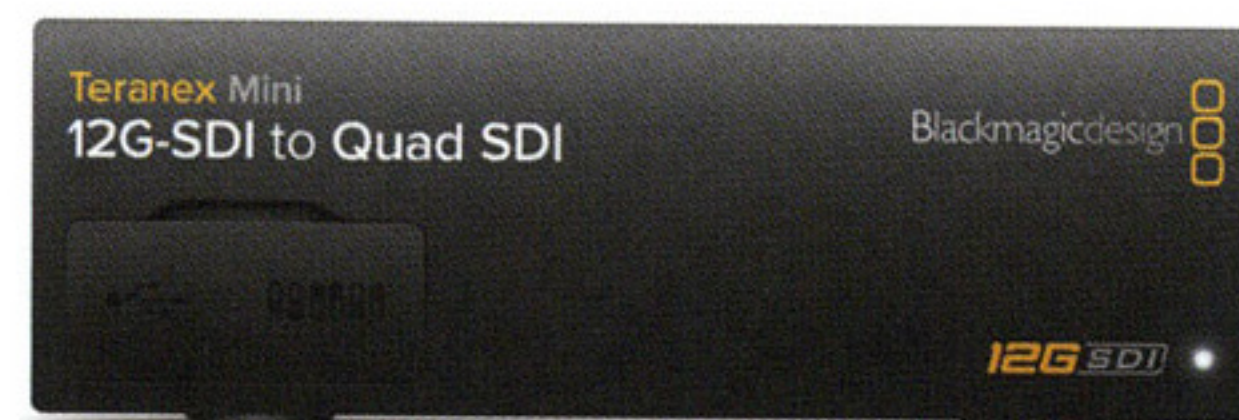
Teranex Mini - Audio to SDI 12G
Embed audio from analog or AES/EBU
to any SD, HD or Ultra HD SDI connection.

Teranex Mini converters make supporting all types of video equipment easy! Rack mount them and add the optional front panel to see what's being converted right on screen. Their compact size makes them great for portable racks at live events or in broadcast trucks, plus they have professional XLR audio connections for connecting to mixers and other audio gear. You can even use them in editing and color grading suites to drive big screen displays and projectors!

Small enough to be used like regular mini converters, you can hide Teranex Mini in cable ducts, behind gear and attached to TVs for monitoring. The flexible design lets you use them on the desktop or rack mount them in larger racks of equipment. Unlike regular mini converters, you get full size XLR audio, plus ethernet for remote administration and mini switches to quickly change settings. For mission critical work, you can add the optional front panel so you can see what you're converting!



Teranex Mini - Quad SDI to 12G-SDI
Convert from Quad Link SDI to 12G-SDI in all formats up to 2160p60.



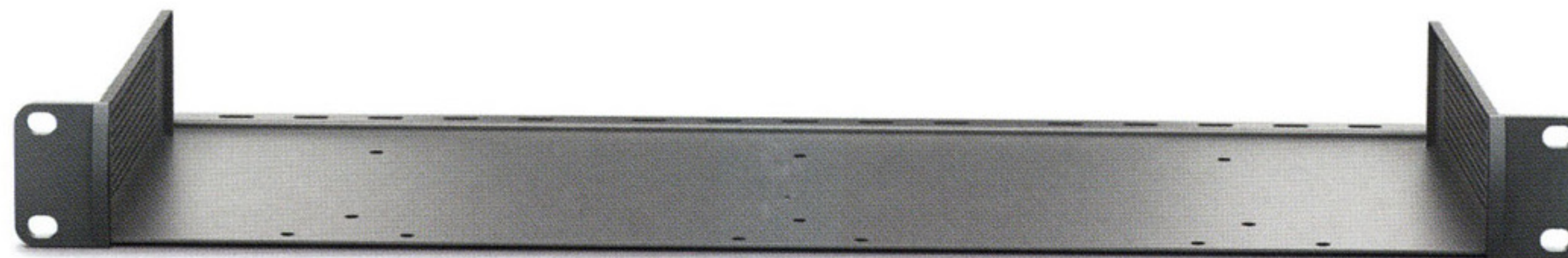
Teranex Mini - 12G-SDI to Quad SDI
Convert from 12G-SDI to Quad Link SDI in all formats up to 2160p60.



Teranex Mini - SDI Distribution 12G
Distribute a single 12G-SDI signal to up to 8 12G-SDI devices simultaneously.



Teranex Mini - IP Video 12G
Bi-directional converter for sending SDI video over ethernet networks.



Teranex Mini Smart Panel
Optional front panel with built in color LCD screen and push button controls for adjusting settings, seeing menus and monitoring conversions.

Teranex Mini Rack Shelf
Rack mount up to 3 Teranex Mini's side by side with this lightweight, 1 RU shelf that's perfect for road cases or equipment racks.

Mini Converters





Mini Converters

Blackmagic Design's range of Ultra HD Mini Converters are the world's most advanced range of converters because they include the latest 6G-SDI technology, plus automatically detect the input video format and instantly change between virtually all SD, HD and Ultra HD video standards! Simply plug in and Mini Converters will convert between your equipment, all automatically!

Mini Converters

Mini Converter HDMI to SDI 4K	\$295
Mini Converter SDI to HDMI 4K	\$295
Mini Converter SDI to Analog 4K	\$295
Mini Converter Analog to SDI (HD Only)	\$195
Mini Converter SDI to Audio 4K	\$295
Mini Converter Audio to SDI 4K	\$295
Mini Converter Optical Fiber 4K	\$495
Mini Converter SDI Distribution 4K	\$295
Mini Converter Quad SDI to HDMI 4K	\$495
Mini Converter SDI Multiplex 4K	\$495

Mini Converter Heavy Duty

Mini Converter H/Duty SDI to Analog 4K	\$345
Mini Converter H/Duty Analog to SDI (HD Only)	\$345
Mini Converter H/Duty SDI to HDMI 4K	\$345
Mini Converter H/Duty HDMI to SDI 4K	\$345

ULTRA HD **6G SDI**

Make the move between SD, HD and Ultra HD automatic with the world's most advanced converters!



Mini Converter SDI to HDMI 4K
Convert SDI in SD, HD and Ultra HD to HDMI 4K with analog and AES/EBU audio.



Mini Converter SDI to Audio 4K
De-embed audio to 8 ch AES/EBU or 4 ch analog audio in SD, HD or Ultra HD.



Mini Converter SDI to Analog 4K
Convert SDI in SD, HD or Ultra HD to analog video with down converter and audio.



Mini Converter HDMI to SDI 4K
Convert SD, HD and Ultra HD HDMI with HDMI/analog or AES/EBU audio to SDI.



Mini Converter Audio to SDI 4K
Embed audio from 8 ch AES/EBU or 4 ch analog audio into SD, HD or Ultra HD SDI.



Mini Converter SDI Distribution 4K
Distribute to 8 x SDI outputs in all formats including SDI, HD-SDI, 3G-SDI and 6G-SDI.

Blackmagic Design Mini Converters include advanced features such as redundant SDI inputs, re-clocked loop outputs and full analog and AES/EBU audio inputs and outputs so you can convert between formats as well as embed or de-embed audio all on the one converter! Choose from a range of models depending on the conversion you need!

Make the move to Ultra HD, the broadcast video standard of the future, simple and easy! Be prepared now by installing equipment that is fully compatible with all your SD and HD-SDI infrastructure, but will automatically switch over to Ultra HD via 6G-SDI when you need to run Ultra HD! Settings can be changed quickly using built in mini switches!



Mini Converter Optical Fiber 4K

Simultaneous 6G-SDI to optical fiber and optical fiber to 6G-SDI in SD, HD and Ultra HD.



Mini Converter SDI Multiplex 4K

Convert between Single Link 6G-SDI, Dual Link 3G-SDI and Quad Link HD-SDI 4K.



Mini Converter Quad SDI to HDMI 4K

Connect 6G-SDI, Dual Link 3G-SDI or Quad Link HD-SDI to HDMI 4K.



Mini Converter Heavy Duty SDI to HDMI 4K

Convert SDI in SD, HD and Ultra HD to HDMI 4K with analog and AES/EBU audio.



Mini Converter Heavy Duty HDMI to SDI 4K

Convert SD, HD and Ultra HD HDMI with HDMI/analog or AES/EBU audio to SDI.



Mini Converter Heavy Duty SDI to Analog 4K

Convert SDI in SD, HD or Ultra HD to analog video with down converter and audio.

Smart Videohub

Smart Videohub are the world's first Ultra HD mixed format routers with built in video monitoring and spin knob router control. Smart Videohub includes the latest 6G-SDI and 12G-SDI technology so you can simultaneously connect and route any combination of SD, HD and Ultra HD video all on the same router at the same time! All Smart Videohubs feature visual routing so you can see router connections as video on the built in LCD and use the scroll knob to select and route simply by looking at the video!

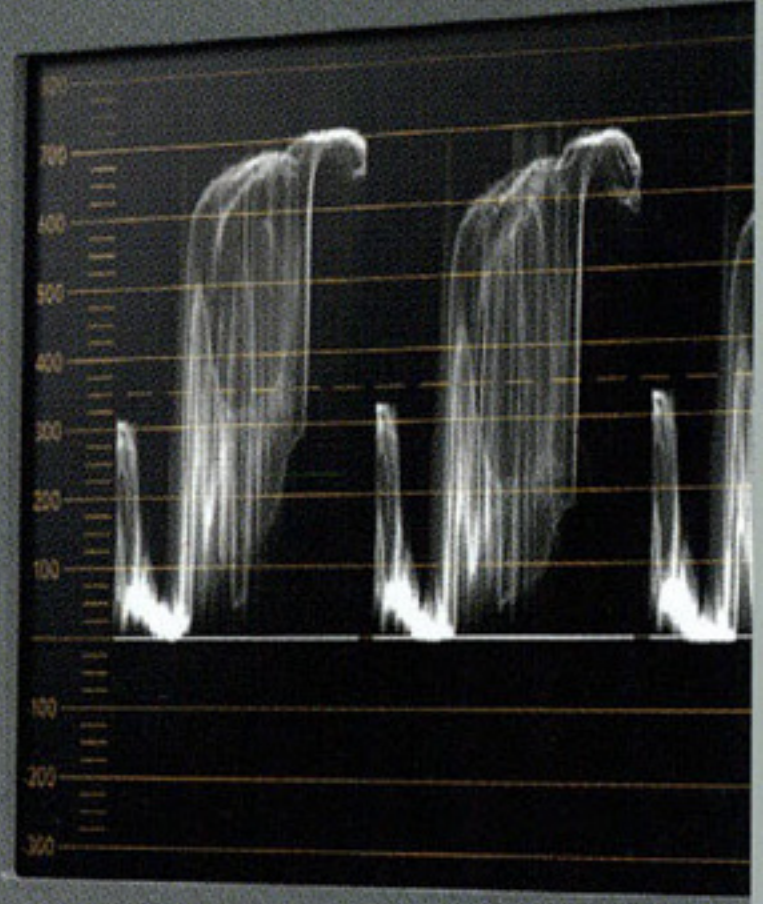
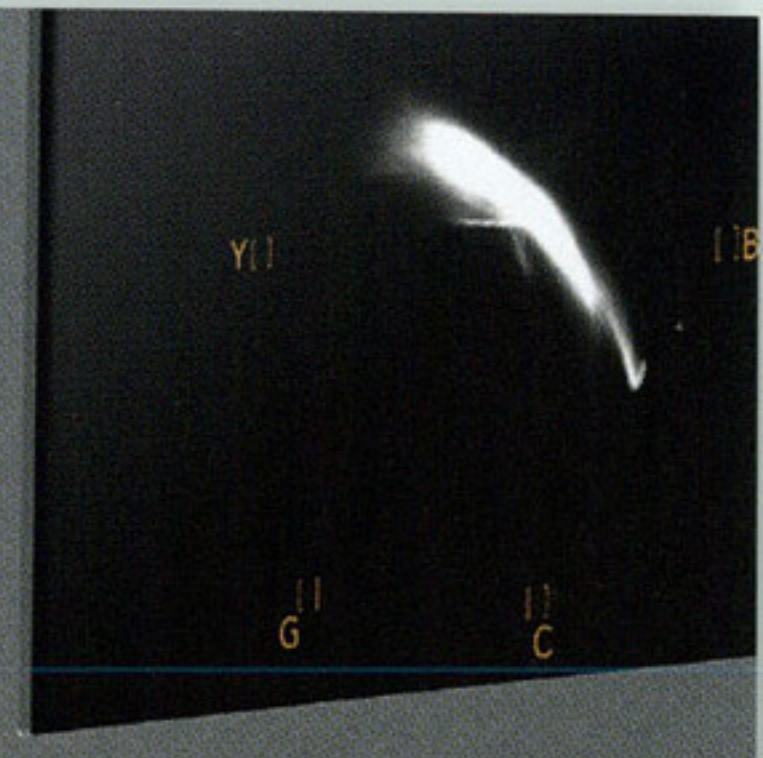
Smart Videohub 12 x 12	\$1,395
Smart Videohub CleanSwitch 12 x 12	\$1,495
Smart Videohub 20 x 20	\$1,995
Smart Videohub 40 x 40	\$2,995

ULTRAHD 6G SDI

Smart Videohub 12G 40 x 40	\$4,995
----------------------------	---------

ULTRAHD 12G SDI

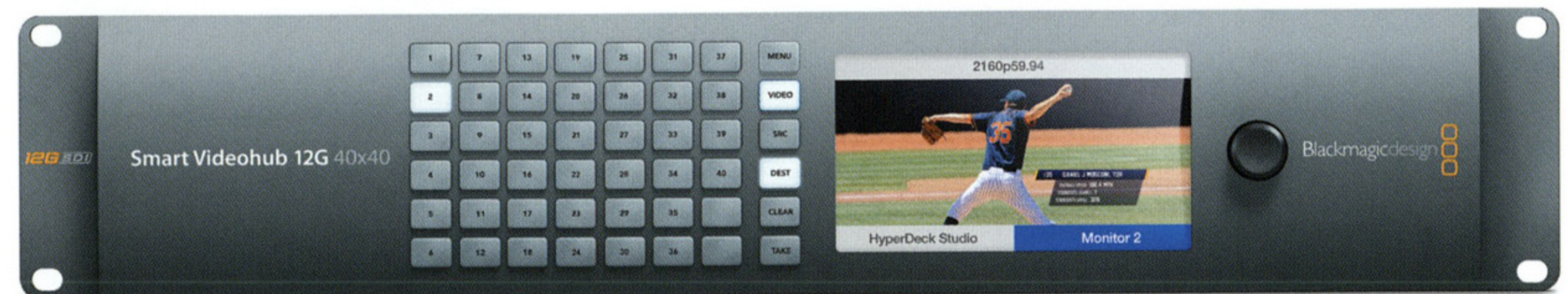




The world's first SD,
HD and Ultra HD
mixed format routers!



6G SDI



12G SDI

Smart Videohub is perfect for broadcast, post or live production! Smart Videohub's super compact size means it's perfect for use in large broadcast systems or portable mini racks for live production where cameras, switchers, recorders and monitors are all simply connected to Smart Videohub. Now you can avoid messy rewiring because you can connect everything to the router and then quickly change connections from job to job without reconnecting a single cable!

Smart Videohub's super fast spin knob control lets you dial through your router cross points while displaying live video combined with custom on screen labels all from right on the front panel. If you want to control your Smart Videohub from your editing workstation then the included free Videohub software control for Mac and Windows is the perfect solution. If you prefer external hardware control panels then you can choose the Videohub Smart Control and Videohub Master Control.



Smart Videohub 12 x 12



Smart Videohub CleanSwitch 12 x 12



Smart Videohub 20 x 20



Smart Videohub 40 x 40



Smart Videohub 12G 40 x 40



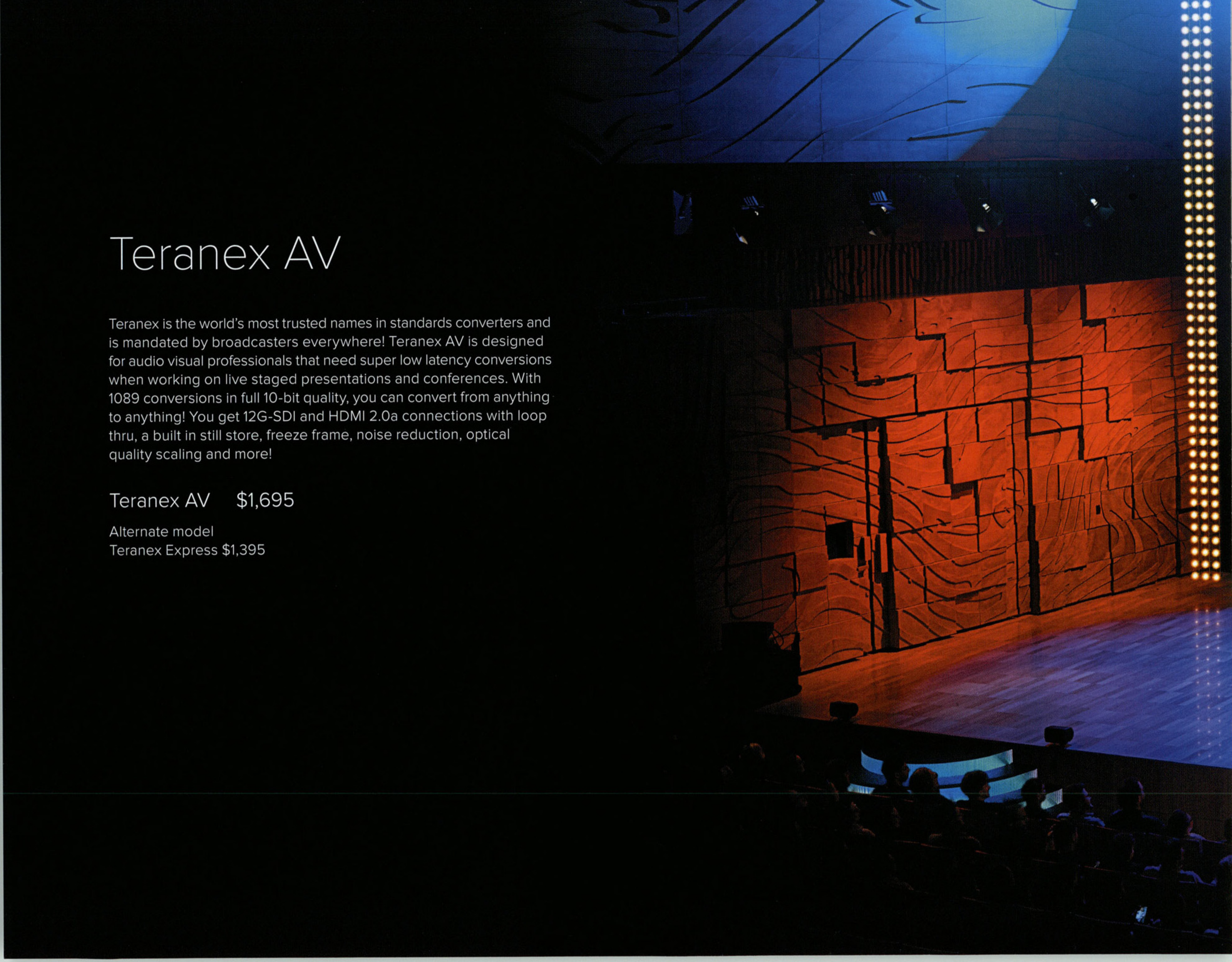
Teranex AV

Teranex is the world's most trusted names in standards converters and is mandated by broadcasters everywhere! Teranex AV is designed for audio visual professionals that need super low latency conversions when working on live staged presentations and conferences. With 1089 conversions in full 10-bit quality, you can convert from anything to anything! You get 12G-SDI and HDMI 2.0a connections with loop thru, a built in still store, freeze frame, noise reduction, optical quality scaling and more!

Teranex AV \$1,695

Alternate model

Teranex Express \$1,395





VARIETY ROADSHOW

Summer Special



Teranex AV features 1,089 conversions and is the world's first standards converter designed specifically for AV professionals!

Whether you're working a corporate event or a musical concert, Teranex AV is designed specifically for AV professionals because it features ultra low latency conversions, full 10-bit quality, and professional SDI and HDMI connections. You get Teranex's legendary real time optical scaling, sub-pixel processing and multi directional diagonal filters for conversions that have amazing detail and clarity! You can take the HDMI input from a laptop computer and output it to a digital projector while simultaneously converting the signal to SDI, all without any additional hardware! The high speed and low latency of Teranex AV is perfect for concerts and events because you can simultaneously project a close up of a singer singing in perfect sync with what's happening on stage! There's even a still store to display corporate logos or ads between presenters or acts!





UltraStudio 4K Extreme



Built on the world's fastest Thunderbolt technology, UltraStudio 4K Extreme lets you capture and playback the highest quality video resolutions all the way up to Ultra HD 2160p60, making it perfect for today's modern, file based workflows! UltraStudio 4K Extreme works with all of your favorite video software such as DaVinci Resolve, Final Cut Pro X, Media Composer and Premiere Pro. UltraStudio 4K Extreme can create files that are compatible with any Mac OS X and Windows video software!

UltraStudio 4K Extreme \$2,995

UltraStudio 4K Extreme 3 \$2,995

Alternate 6G-SDI model

UltraStudio 4K \$995

Alternate HD model

UltraStudio HD Mini \$495

ULTRAHD **12G**SDI

The highest quality capture and playback solutions for your Thunderbolt computer!

UltraStudio 4K Extreme 3 with Thunderbolt 3 is the ultimate solution for working with extremely high resolution, high frame rate, high bit depth video. It's designed to give you the highest quality images possible and includes advanced 3D stereoscopic features, 4:4:4 RGB color and high resolution Ultra HD all the way up to 2160p60. Compatible with both desktop or laptop computers, UltraStudio 4K Extreme 3 is a powerful solution for on set color correction, editing, visual effects and video streaming.

Featuring incredibly fast 40Gb/s Thunderbolt 3, UltraStudio 4K Extreme 3 lets you work with the largest frame sizes, highest frame rates, and deepest color all over a single cable! UltraStudio 4K Extreme 3 has every type of analog and digital video connection so you can work in any format or frame rate! You also get a powerful, hardware based compression engine that can compress your video before it gets to your computer. That means you can even connect it to a laptop and start working immediately on set!



The new UltraStudio 4K Extreme 3 now features high speed, 40Gb/s Thunderbolt 3!



UltraStudio 4K Extreme



UltraStudio 4K Extreme 3

DeckLink

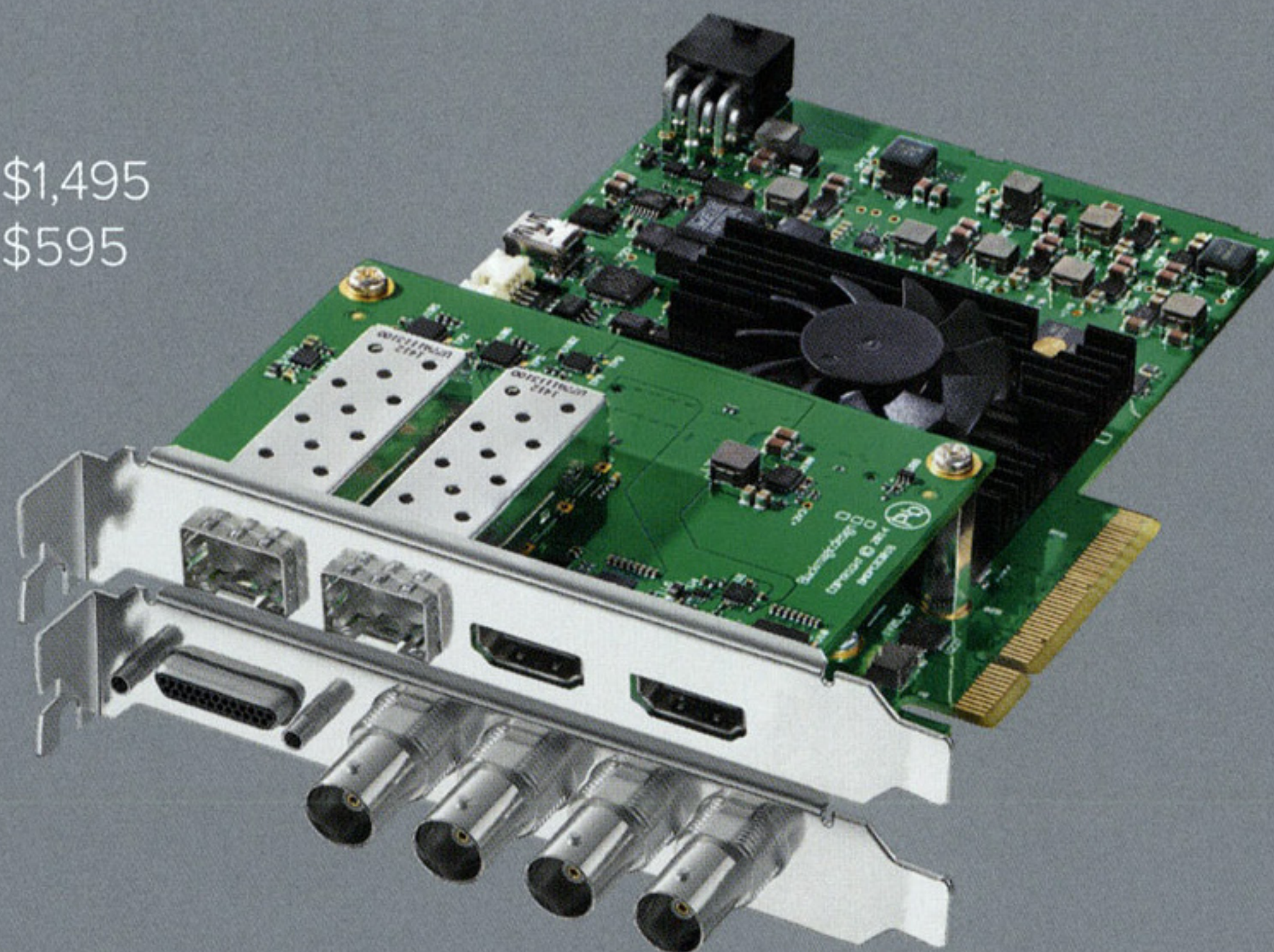
DeckLink capture and playback cards feature cutting edge technologies including 6G-SDI, and on the DeckLink 4K Extreme 12G, amazing Dual Link 12G-SDI connections! With models featuring different combinations of audio and video connections you get the highest quality video and maximum reliability. No other capture cards support more applications and more platforms than DeckLink, so you can always work with your favorite software. DeckLink PCIe supports Mac, Windows and Linux.

DeckLink 4K Extreme	\$995
DeckLink Studio 4K	\$595
DeckLink SDI 4K	\$295

ULTRAHD 6G SDI

DeckLink 4K Extreme 12G	\$1,495
DeckLink 4K Pro	\$595

ULTRAHD 12G SDI









www.blackmagicdesign.com

© Blackmagic Design Pty. Ltd 2017. All Rights Reserved.
All trademarks are properties of their respective owners.
All prices and specifications are subject to change without notice.

