

Blackmagic Video Assist

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Blackmagic Video Assist 4K

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High resolution monitoring and professional recording for any camera!

Now it's easy to add professional monitoring and recording to any SDI or HDMI camera with Blackmagic Video Assist! You get a super bright touch screen display that's much larger than the displays found on DSLR cameras. The monitor supports 3D LUTs and includes powerful focus assist and exposure tools that make it easier to accurately set focus, expose and frame shots.

Blackmagic Video Assist features high speed SD card recorders for HD or Ultra HD recording in incredible 10-bit 4:2:2 quality ProRes, DNxHD and DNxHR files in Quicktime and MXF formats. With both 7" Ultra HD and 5" HD models, Blackmagic Video Assist works with any camera that needs better quality monitoring and professional format file recording!

Blackmagic Video Assist

5" all in one monitor and HD recorder!

The 5" Video Assist features a 1920 x 1080 screen, HD recorder, and a down converter for monitoring and recording HD from Ultra HD cameras. The large screen makes it easier to focus and frame shots, and the recorder saves files that are far superior quality than the highly compressed files that DSLRs record! It's also a fast and

inexpensive way to add modern file based recording to your existing HD cameras! You get 10-bit 4:2:2 broadcast quality files that work with all major editing software, so you'll never have to worry about tape, optical discs or other proprietary and slow media formats again!

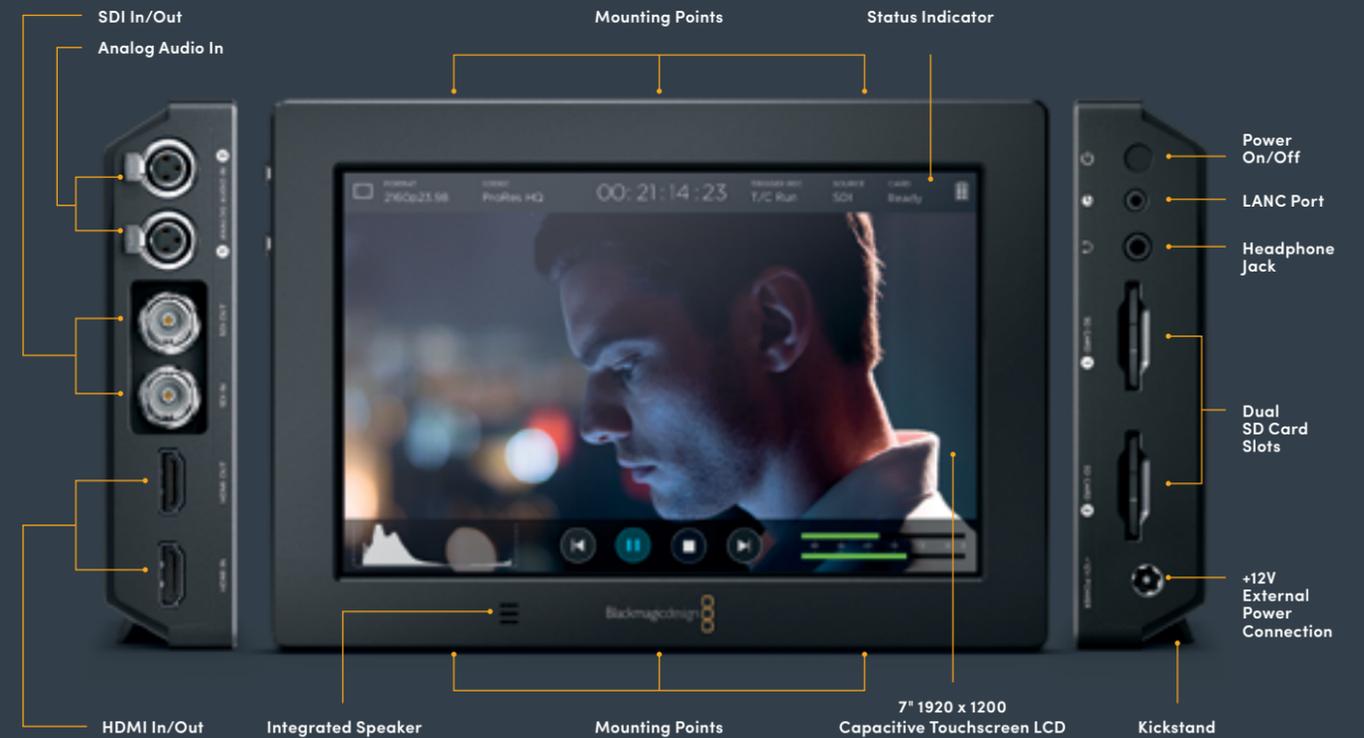


Blackmagic Video Assist 4K

7" high resolution monitor with Ultra HD recorder!

Video Assist 4K features a 7" high resolution screen, two high speed recorders for non-stop Ultra HD recording, XLR mic inputs, a built in speaker and more! The larger screen is 1920 x 1200, so you can see a full 16:9 image without the status bar covering the picture. Video Assist 4K features the latest high speed UHS-II SD card

recorders and can record 1080 HD as well as Ultra HD up to 2160p30 on low cost, readily available SD cards! You also get two extremely low noise professional analog mini XLR connections so you can bypass low quality DSLR audio and connect professional microphones directly.



Portable All In One Design

Integrated on set monitoring and recording!

Designed to be durable and lightweight, both models are incredibly small yet still incorporate large LCD monitors and touchscreens. Both models include high speed SD card recorders and space for two rechargeable batteries, which are hot swappable so you never have to stop shooting. You can use the mounting points to attach it to the top of a camera, or use the built in kickstand to set it up on a table. It's comfortable enough to hold in your hands so you can pass it around to the crew. The 7" Video Assist 4K even features a built in speaker, making it easy for everyone to review shots!



Blackmagic Video Assist 4K shown, camera not included.

Shoot Better Video

See and capture every detail with confidence!

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 works with everything from DSLRs to older tape based camcorders, and even the latest digital film cameras. When you're shooting a wedding, there's only one chance to get it right and if you're an indie filmmaker, you want your film to look as good as a Hollywood movie when projected at festivals. Blackmagic Video Assist helps you make sure every shot is in focus and gives you professional images with the same recording quality used by major motion pictures and prime time TV shows!



Professional HD and Ultra HD Recorder

10-bit 4:2:2 ProRes and DNxHD recording!

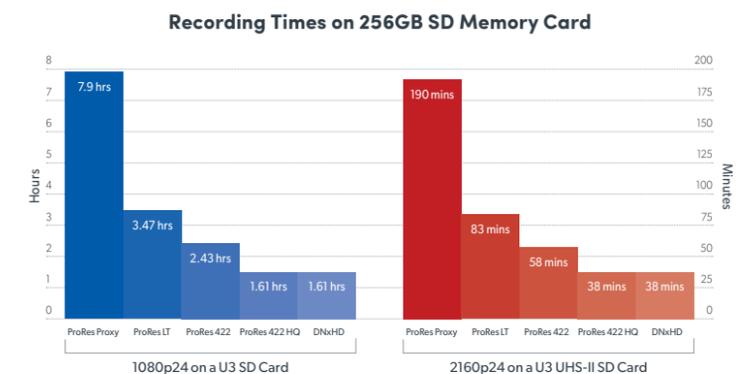
The 5" Video Assist records all HD formats up to 1080p60, and the 7" Video Assist 4K records HD and Ultra HD up to 2160p30. You get incredible looking, broadcast quality 10-bit, 4:2:2 ProRes and DNxHR in Quicktime or MXF files that work with all major editing software so you can start editing without having to convert them! Recording can be automatically triggered from SDI and HDMI so you can stay focused on getting the shot, without having to worry about operating additional gear! The 7" Video Assist 4K also has two recorders so when one card is full, it automatically continues recording onto the next!



Records to High Speed SD Card

Low cost, high performance storage you can get anywhere!

Both models record HD video using standard SD memory cards and the 7" Video Assist 4K can also record to super high performance UHS-II cards which are fast enough to record Ultra HD! That means it's now possible to record Ultra HD using low cost cards that cost less than \$2 per GB. By connecting Video Assist to your existing camera, you can eliminate proprietary and expensive media such as XDCAM, P2 and SxS. UHS-II cards are fully backwards compatible with regular SD card slots so you can just insert them into your computer to start editing the media immediately.



Better Monitoring

Super bright and clear display!

Blackmagic Video Assist has a bright 5" or 7" display so you don't have to carry extra monitors and scopes on set! The large screens make it easy to see focus peaking and overlays such as histogram, audio meters, controls and more! You can mount it on cameras as a large crew monitor, hand it to the cinematographer

for composing shots, or set it in front of the director to review each take. The screen has a wide 135° viewing angle, which means it's easy to see, even when several crew members are watching. The image also auto rotates, so you can even rig it upside down!



Focus and Exposure Tools

Accurately expose and focus every shot!

Blackmagic Video Assist features powerful focus and exposure tools that help you get the best shots! Focus peaking indicators can be displayed as red, green, blue or white overlays that indicate exactly which parts of the image are in focus. In addition, false color tools make it easy to properly set exposure. The false color tools work by highlighting specific color ranges of luminance with a solid color overlay. Green indicates neutral grey, while pink tones are good references for skin, which is typically one stop over neutral grey. Using false color helps you keep exposure consistent from shot to shot!

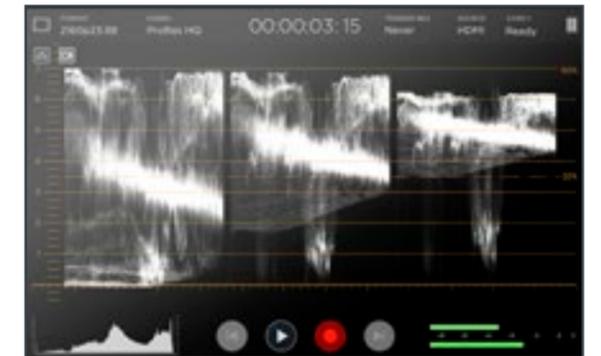


Use false color to easily set exposure and balance your shot.

Powerful Scopes

Accurate professional scopes!

Blackmagic Video Assist 4K features built in professional scopes! You get a set of highly accurate tools such as waveform monitor, RGB parade, vectorscope and histogram that can be used to precisely evaluate signal quality. The scopes can be viewed full screen or as an overlay superimposed on the image. When using the vectorscope, it can be set at either 2x or 4x zoom to assist with more accurate color calibration. This makes Blackmagic Video Assist 4K perfect for live production monitoring, for use as a portable test scope, and even for balancing color when grading and viewing the RGB parade.



Blackmagic Video Assist 4K model features professional scopes including waveform, RGB parade, vectorscope and histogram.

Monitor Using 3D LUTs

Use and store up to six 3D LUTs!

Both models of Blackmagic Video Assist can store and recall up to six 3D LUTs instantly so you can properly monitor footage on set with the "look" you need! Digital films are often shot in logarithmic colorspace, which is great for post production and color correction, but looks flat and washed out when viewed on the monitor. 3D LUTs solve this problem

because they transform the camera's image so that everyone on set can see the footage with the final look as the director intends it. You can even load LUTs to simulate different types of look or to simulate specific film stocks. Best of all, LUTs are completely non destructive because the original camera footage remains untouched!



Professional Connections

Connect to professional cameras, camcorders and DSLRs!

The compact design of the Blackmagic Video Assist includes HDMI and 6G-SDI so you can connect them to virtually any DSLR, prosumer or professional camera! The loop thru output lets you monitor on larger displays or projectors. The 12V universal power supply gives you continuous operation.

When you're on location, two side by side LP-E6 batteries give you enough power for longer shoots! The Blackmagic Video Assist 4K also features a LANC connector and two mini XLR inputs with 48V of phantom power for connecting microphones, along with a built in speaker that automatically mutes while recording!



Blackmagic Video Assist



Blackmagic Video Assist 4K

SDI

The 6G-SDI connections are multi rate so they work with all professional broadcast cameras.

HDMI

Connect with DSLR or video cameras for recording or monitoring, with loop out for monitoring on larger screens.

RECORDING

High speed SD card recorders for recording incredible 10-bit 4:2:2 quality ProRes or DNx files.

HEADPHONE

Monitor audio using the 3.5mm stereo headphone jack or, on the 7" model, the built in speaker.

AUDIO

Low noise, balanced analog mini XLR inputs for recording from external mics on Video Assist 4K.

POWER

External 110-240V universal power supply or optional rechargeable LP-E6 Lithium-Ion batteries.

Easy Touchscreen Controls

Use simple tap and swipe gestures to make adjustments!

The built in monitor is also an interactive touchscreen that makes setting up the Blackmagic Video Assist incredibly intuitive. All of the functions are at your fingertips, allowing you to use simple tap and swipe gestures to display camera information, change settings and evaluate audio and video levels. The elegant heads up display lets you change recording formats or view the current input frame rate, histogram, audio meters, timecode, and more, all while still keeping your eyes on the shot!



Work with Professional Software

Record files that are ready for editing and grading!

Blackmagic Video Assist captures ProRes and Avid DNx files which are the most widely accepted post production video formats in the world. Footage can be captured at a variety of ProRes and DNx data rates. If you are working with popular editing software such as DaVinci Resolve, Final Cut Pro X, Adobe Premiere Pro or Avid Media Composer, you can start editing and

color correcting without having to transcode or convert the files. Since it comes bundled with DaVinci Resolve, you can begin editing and creating looks on set! Even motion graphics and visual effects artists using software like Fusion and After Effects, or sound editors using ProTools can easily work with the files for fantastic collaboration!



Technical Specifications

	Blackmagic Video Assist	Blackmagic Video Assist 4K
SDI Video Inputs	1	1
SDI Video Outputs	1	1
SDI Rates	270Mb, 1.5G, 3G, 6G.	270Mb, 1.5G, 3G, 6G.
HDMI Video Inputs	1	1
HDMI Video Outputs	1	1
Analog Audio Inputs	None, embedded audio only.	2 x Mini XLR, phantom power.
Analog Audio Outputs	1 x 3.5 mm headphone jack.	1 x 3.5mm headphone jack.
Built in Speaker	None	Mono
Screen Dimensions	5" 1920 x 1080.	7" 1920 x 1200.
SD Video Standards	525i59.94 NTSC, 625i50 PAL.	525i59.94 NTSC, 625i50 PAL.
HD Video Standards	720p50, 720p59.94, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080PsF23.98, 1080PsF24, 1080i50, 1080i59.94 and 1080i60.	720p50, 720p59.94, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080i50, 1080i59.94 and 1080i60.
Ultra HD Video Standards	2160p23.98, 2160p24, 2160p25, 2160p29.97 and 2160p30. Monitoring Only.	2160p23.98, 2160p24, 2160p25, 2160p29.97 and 2160p30.
Codecs	ProRes 422 HQ, ProRes 422, ProRes 422 LT, ProRes Proxy, DNxHD 220x, DNxHD 145, DNxHD 45, DNxHD 220x MXF, DNxHD 145 MXF, DNxHD 45 MXF.	ProRes 422 HQ, ProRes 422, ProRes 422 LT, ProRes Proxy, DNxHD 220x, DNxHD 145, DNxHD 45, DNxHD 220x MXF, DNxHD 145 MXF, DNxHD 45 MXF, DNxHR HQX MXF, DNxHR HQX, DNxHR SQ, DNxHR LB, DNxHR SQ MXF, DNxHR LB MXF.
Recorder Control	Capacitive touchscreen.	Capacitive touchscreen.
External Control	SDI start/stop, timecode run.	LANC, SDI start/stop, timecode run.
Media	1 x UHS-I for SD/HD recording.	2 x UHS-II SD for Ultra HD, compatible with regular SD for HD recording.
Media Type	SDXC UHS-I and SDHC UHS-I SD cards.	SDXC UHS-II, SDXC UHS-I and SDHC UHS-I SD cards.
Weight	362g / 12.77oz	790g / 27.87oz
Length	143mm / 5.63"	189mm / 7.45"
Height	90mm / 3.54"	130.5mm / 5.14"
Power Supply	1 x External 12V power supply. LP-E6 Lithium-Ion batteries not included.	1 x External 12V power supply. LP-E6 Lithium-Ion batteries not included.

Learn more at www.blackmagicdesign.com

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