

# Blackmagic Studio Camera

The world's smallest broadcast camera  
with the world's largest viewfinder!



Introducing Blackmagic Studio Camera, the world's most advanced broadcast camera for live production! Inside its incredibly tough, lightweight magnesium alloy body you get a massive 10" viewfinder, 4 hour battery, talkback, tally indicators, features you need for multi camera production and broadcast!

phantom powered microphone connections and built in optical fiber and SDI connections that let you connect to your switcher with a single cable! The Blackmagic Studio Camera is available in HD and Ultra HD models, and is packed with all the advanced



# Designed for Live Production

## Perfect for outdoor and indoor live production

Now you can produce multiple camera live production in any location! The super bright large viewfinder and compact size of the Blackmagic Studio Camera 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! Because it's so easy to setup and use, the Blackmagic Studio Camera is also perfect for corporate AV departments, houses of worship, schools and more!





## Revolutionary Design

Advanced technology in a compact, rugged design

The Blackmagic Studio camera features a compact and durable magnesium alloy body that is packed with innovative technology, making it the most rugged, portable and advanced studio camera in the world. You get a huge 10" viewfinder with sunshade for optimal viewing and control, a flexible MFT mount

that gives you more lens options than any other studio camera, multiple mounting points and professional broadcast connections. Designed with the latest miniaturization technology and features, the Blackmagic Studio Camera is the world's most advanced camera that's specifically designed for multiple camera live production.



3840 x 2160

## Ultra HD

Over 4 times the size of 1080HD!

Ultra HD is the broadcast standard of the future and 4K content is already being delivered to consumers today through web video channels like YouTube and Vimeo. New Ultra HD displays deliver a picture that has 4 times the resolution of 1080 HD, that's a massive 3840 x 2160 pixels! From the newsroom to live sporting and theatrical events, there's no faster way to capture the beauty and realism of Ultra HD 4K than to record a live switched program with Blackmagic Studio Cameras!



## Micro Four Thirds Lens Mount

Supports the worlds best  
broadcast lenses

The Blackmagic Studio Camera features an active Micro Four Thirds lens mount that is compatible with an incredibly wide range of lenses and adapters. You can use your existing photo lenses for smaller setups or fixed camera use, or then bolt on incredible broadcast ENG lenses for large live broadcasts. Third party lens adapters let you connect to all kinds of lens mounts for any type of lens you choose, and you can even add feature film PL mount lenses, allowing you to customize your camera to suit any size production!







Large 10" Full HD Viewfinder

## See every pixel in amazing detail

The Blackmagic Studio Camera includes the worlds largest viewfinder built in! The massive 10" high resolution screen has a super wide viewing angle and the large viewing area lets you see amazing detail so you can frame, focus, change iris settings, and make subtle adjustments, even when you're live on air.



## Bi-Directional Optical Fiber

Get video, audio, talkback and tally over long distances

The Blackmagic Studio Camera is the world's first to include a built in fiber optic connection, allowing you to use a single thin tether cable to connect cameras to your live production switchers. The optical fiber connection is bi-directional and carries HD or Ultra HD video with embedded audio, talkback, tally and even camera remote control. And because it uses standard, low cost fiber optic cable, you can connect cameras over massive distances almost anywhere, even at the largest outdoor venues.

## Built In Talkback

Use professional





## aviation headsets

The Blackmagic Studio Camera features built in talkback so the camera operator and crew can communicate at all times during production. You get general aviation headset connections so you can choose from a wide range of aviation headsets, so you get better quality talkback headsets with better noise canceling and a much lower cost. Setup is easy because talkback is embedded in the optical or SDI video connection to the camera, so you don't have to run separate talkback cables!

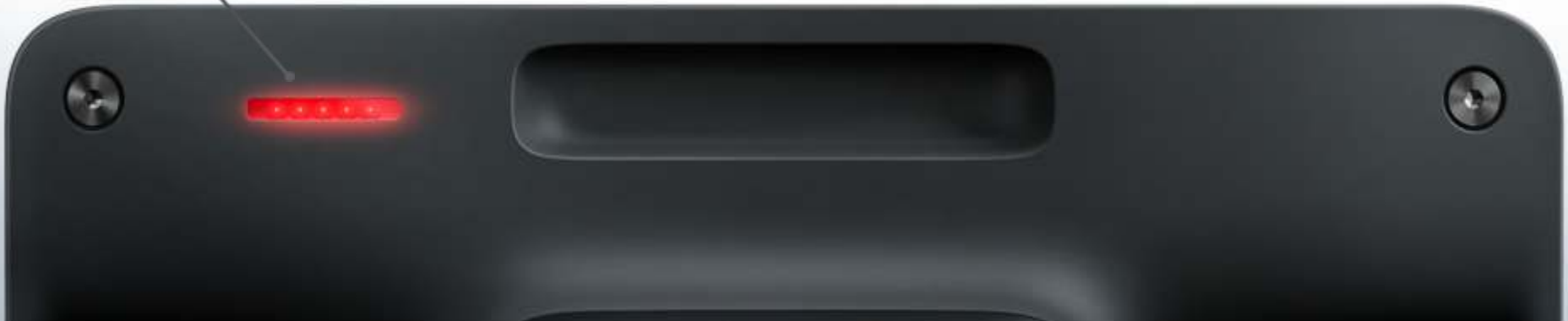




## Illuminated Tally

Know when you're on air!

The Blackmagic Studio camera supports the tally SDI standard used on the ATEM range of live production switchers. This means the tally from the switcher is broadcast to all cameras from all video outputs of the ATEM switcher and it's sent to the Blackmagic Studio Camera via the program video connection. Tally lights illuminate automatically when your camera is live, and will stay illuminated during multiple camera transitions. With a light on the front for talent, and a light above the viewfinder for the operator, cast and crew can easily see which cameras are on air.



## Broadcast Grade Connections

## Professional connections for 24/7 reliability

Featuring broadcast quality connections you get bi-directional optical fiber and SDI connections for connecting to live production switchers or recorders. Also included is a professional aviation headsets jack, stereo XLR microphone inputs, and more. All connections are logically organized on the left and right sides of the camera, making them accessible and easy to use. Because the Blackmagic Studio Camera uses standard connectors, you don't need expensive custom cables!







## Integrated Control Panel

Easy access buttons for the most important settings

Quickly and easily access the most important controls using the built in row of buttons below the viewfinder. You can adjust iris and focus control with the touch of a button, activate talkback, or even see return video. Dedicated buttons let you switch between film and video modes, display safe area markers, and turn on menu controls to change camera settings. The integrated push button control panel gives you complete camera control at the touch of a button!

## Massive 4 Hour Battery

Cover the whole event on a single charge!



## Remote Camera Control

Full camera control from  
your switcher!

Now you can remote control your camera! The Blackmagic Studio Camera can be remotely controlled from your ATEM live production switcher via the SDI connections for more professional production. The Blackmagic Studio camera also has a full DaVinci Resolve primary color corrector so you can color balance your cameras as well as add creativity to your live production. All settings in the camera can be controlled including color, full lens control, camera settings and more, all remotely from the live production switcher. That leaves you free to focus on the shot!

The Blackmagic Studio Camera might be small, but it includes a massive battery that will power the camera for over 4 hours! This means you can

run a simple optical fiber tether to remote locations and the camera is fully powered and self contained with full talkback, tally and return program feed. That's perfect for live sports and other events where the cameras are long distances away from the switcher. When it's time to connect power, an industry standard 12V 4 pin XLR power connector is built in for better strength and compatibility.





## External or Built in Microphones

Professional audio live from the camera!

For productions that require live location sound, you can use the built in stereo microphone or plug in professional external microphones, even with phantom power, into the camera's XLR connectors! This gives you fantastic quality live audio from your

cameras and is super critical when covering live sports! Camera audio is automatically embedded with the video signal for connection to the ATEM live production switcher's built in audio mixer.







## View Program Video

Monitor program video on the viewfinder

The Blackmagic Studio camera lets you view program video from your live production switcher at the press of a button! Simply press the camera's PGM button and the viewfinder will display the program video feed from your switcher, turning the viewfinder into a large SDI monitor! You can even use the program SDI input to view playback from a local HyperDeck recorder when using the Blackmagic Studio Camera for recording.

## Huge Range of Accessories

### Build the ultimate Studio Camera

Blackmagic Studio Camera includes everything you need for live production all in a single self contained solution. However when you want to add large lenses, or smooth professional tripods then you can select from a massive range of third party accessories. With industry standard connectors, interchangeable lenses, and multiple mounting points you can customize the camera for any type of production using a virtually limitless selection of third party accessories.

