



Blackmagic Design URSA Mini Pro G2

ProdCode: BMDCINEURSAMUPR

Compact digital film camera with high performance 4.6K HDR sensor for shooting up to 300 fps

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Features

- Compact digital film camera with high performance 4.6K HDR sensor for shooting up to 300 fps
- Features broadcast controls, ND filters, interchangeable lens mount, dual CFast and UHS-II SD card recorders, USB-C expansion port and more
- Super 35mm 4.6K sensor with 15 stops of dynamic range
- Built in optical ND filters
- Interchangeable EF lens mount that can be swapped for optional PL, B4 or F mounts
- Blackmagic RAW and ProRes recording to dual CFast or dual SD cards
- An innovative USB-C expansion port for recording directly to external disks
- Features a massive set of external broadcast style controls, backlit status display, foldout touchscreen monitor and more

*Side Hand Grip or Lanc cable not included

URSA Mini Pro 4.6K G2, is a professional digital film camera that combines incredible 4.6K image quality with the features and controls of a traditional broadcast camera. The second generation URSA Mini Pro features fully redesigned electronics and a new Super 35mm 4.6K HDR image sensor that combine to give you much higher frame rate shooting. You also get built in ND filters, an interchangeable lens mount, Blackmagic RAW support, and both dual CFast and SD UHS-II card recorders for capturing images at up to 300 frames per second. There's even a USB-C expansion port that lets you record directly to flash drives or SSD disks for even longer recording times. URSA Mini Pro 4.6K G2 features a massive number of controls intuitively positioned on the side of the camera so you can adjust most settings by feel, without ever having to take your eyes off the action. URSA Mini Pro is lightweight and comfortable enough to use all day, has controls that are extremely fast to use, and image quality that's far superior to broadcast cameras costing ten times more.

Digital Film Quality for Every Project

The perfect camera for digital film, broadcast, live production and more.

URSA Mini Pro cameras are “three cameras in one” because they combine high end digital film quality with the features and controls broadcasters need. They're ideal for any kind of work from high end feature films, television shows and commercials, to independent films, broadcast news, and even studio and live production. URSA Mini Pro cameras go beyond standard Ultra HD broadcast quality because they give you 4.6K resolution with 15 stops of dynamic range. Plus, the super wide colour gamut and Blackmagic Design Generation 4 colour science give you incredibly accurate skin tones and stunning, lifelike colour so you always capture cinematic quality images. The super compact body features broadcast camera controls and advanced operating software that make it faster to set up and use than any other camera. Whether you're on set, on location or shooting run and gun, URSA Mini Pro has the image quality and features you need to work on any type of project.

Three Incredible Models

Choose URSA Mini 4K, URSA Mini 4.6K or URSA Mini Pro 4.6K G2

The URSA Mini family are powerful and robust cameras that are available in three different models, so you can choose the camera that best suits your needs. The affordable URSA Mini 4K features a fixed EF mount along with dual CFast card recorders. URSA Mini Pro 4.6K G2 adds built in ND filters, an interchangeable lens mount, dual CFast and UHS-II SD card recorders, and a massive set of broadcast features and external controls. URSA Mini Pro 4.6K G2 is the ultimate high end digital

film camera with second generation electronics, a high frame rate image sensor, and a USB-C for recording directly to external drives.

Revolutionary URSA Design

Big camera features that are fast to use in a lightweight, portable design.

URSA Mini Pro is designed to include everything you need in a handheld camera so you can take it anywhere. Unlike cheap plastic cameras, the evenly weighted camera body is made out of a super tough magnesium alloy. It's a true professional camera with full redundancy on every control, even the power switch. Plus, the familiar broadcast switches and controls allow full setting changes without having to take the camera off your shoulder. There's an external high visibility backlit LCD status display so you can see critical shooting information, and a 4" foldout touch screen for reviewing shots. That means you don't have to carry an extra on-set monitor. You get professional connections such as 12G-SDI, XLR audio, a built in high quality microphone and more. The optional electronic viewfinder and shoulder mount kit lets you go from tripod to handheld shooting in seconds, or you can turn URSA Mini Pro into the ultimate live production camera by adding an URSA Studio Viewfinder.

Built in ND Filters

High quality neutral density filters with IR compensation.

URSA Mini Pro G2 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 colourimetry and colour science of the camera, providing you with additional latitude, even under harsh lighting conditions. This lets you use different combinations of aperture and shutter angle to achieve shallower depth of field, or specific levels of motion blur, in a wider range of situations. The IR filters have been designed to filter both optical wave lengths and IR wave lengths evenly to eliminate IR contamination of the images that most ND filters can suffer from. The ND filters are true optical filters with a precision mechanism that quickly moves them into place when the ND filter dial is turned. The filter settings can even be displayed as either an ND number, stop reduction or fraction on the LCD.

Familiar Broadcast Control

Quickly change settings without taking the camera off your shoulder.

Like the world's best broadcast cameras, URSA Mini Pro 4.6K G2 features independent controls for direct access to the most important camera settings. Buttons, switches and dials are laid out in a logical order that makes them easy to find

by feel while using the viewfinder. This means you'll be able to adjust settings, add an ND filter or even change frame rate without having to fold out the touchscreen or take the camera off your shoulder.

Interchangeable Lens Mounts

Compatible with EF, PL, B4 and F mount lenses.

Different projects require different lenses, which is why URSA Mini Pro models feature an interchangeable lens mount. Imagine shooting regular work using a photography lens but then being able to change to a PL mount cinema lens if you get a high end film job. URSA Mini Pro makes that easy because you can quickly switch between EF, PL, B4 and F mount lenses, making it compatible with the widest possible range of professional lenses. That means you can work with high quality EF or F mount photographic lenses, large PL cinema lenses, and even B4 broadcast lenses, all with the same camera. URSA Mini Pro comes standard with an EF mount. Additional optional PL, B4 and F lens mounts can be purchased separately. With URSA Mini Pro, you get a single camera that works with virtually all professional lenses so you can choose precisely the lens you need.

Backlit Status Display

See critical shooting information in bright daylight.

The status display is a high visibility backlit LCD screen that's designed to be easily seen, even in bright light. The status display shows record timecode, locked timecode and reference timecode, along with the current shooting frame rate, shutter angle, aperture, white balance, ISO and IRIS. It also features a battery indicator, card recording status and audio meters for monitoring levels. The screen's backlight can be turned on when you're shooting in dimly lit locations, and off when you're shooting outdoors and in bright light to increase contrast, making it easy to read under any condition.

Cinematic 4.6K Sensor

Capture incredible digital film images with 15 stops of dynamic range.

When it comes to image quality, URSA Mini Pro 4.6K G2 operates at a higher resolution and dynamic range that is well beyond traditional motion picture film. You get a 4.6K image sensor that captures up to 4608 x 2592 pixels, which is bigger than full size DCI 4K. The sensor features a massive 15 stops of dynamic range and support for up to 3200 ISO, making URSA Mini Pro models perfect for high dynamic range (HDR) projects. Built in active refrigeration ensures maximum dynamic range

and low noise, so you get incredibly clean pictures with amazing detail in both the dark shadows and bright highlight areas. In addition, URSA Mini Pro 4.6K G2 supports high frame shooting at up to 300 frames per second and even better colour fidelity. You can also choose the lower cost URSA Mini 4K model with 12 stops of dynamic range when you don't need the performance and are on a tighter budget.

Advanced Colourimetry

Super wide colour gamut and precision colour science.

URSA Mini Pro models feature an incredibly wide colour gamut that captures more of the visible colour spectrum than Rec. 2020, which is vastly larger than the P3 digital cinema colour space. Blackmagic Design Generation 4 colour science is used to process the raw sensor data, enabling amazingly rich skin tones, natural colour response and enormous amounts of dynamic range. Whether you're shooting a Hollywood blockbuster, an indie film, high end commercial, or a broadcast television show, URSA Mini Pro's combination of resolution, dynamic range and colour gamut delivers amazingly rich and lifelike images.

High Frame Rate Recording

Capture the action at up to 300 frames per second.

URSA Mini Pro 4.6K G2 is a more powerful second generation camera with entirely new electronics and a new high performance image sensor that lets you shoot crystal clear slow motion footage. You can record full sensor 4.6K images up to 120 frames per second, windowed DCI 4K at up to 150 frames per second, and regular windowed 1080 HD at an amazing 300 frames per second. A dedicated off-speed button on the camera's body lets you quickly switch between your preset high frame rate and regular frame rate shooting. When it comes to high frame rate shooting, URSA Mini Pro 4.6K G2 is ideal for fast action sports, high speed nature photography and more.

Non Stop Recording

Works with both CFast and SD card media.

URSA Mini Pro models feature both dual CFast 2.0 recorders and dual UHS-II SD card recorders so you can choose the media that works best for you. CFast cards are ideal for full resolution Blackmagic RAW 12-bit recording, while SD UHS-II cards are inexpensive and commonly available, making them perfect for recording Blackmagic RAW 5:1, 8:1 or 12:1 files. URSA Mini Pro 4.6K G2 also features a USB-C connection so you can connect and record directly to portable SSD drives. Simply choose the media type, insert the cards and start shooting. With dual slots for

each media type, you never have to stop recording because when the first card is full, it automatically continues onto the next card. You can even swap the full card for an empty one, all without having to stop recording.

Blackmagic URSA Mini SSD Recorder

Record onto 2.5 inch SSD media.

The optional Blackmagic URSA Mini SSD Recorder lets you record 12-bit Blackmagic RAW files onto standard 2.5 inch SSD Media with your URSA Mini or URSA Mini Pro cameras. That means you can use commonly available and inexpensive high capacity solid state media. Unlike other types of cards, SSD media is super fast so you can record full resolution 4K and 4.6K 12-bit Blackmagic RAW files. Plus, SSD media comes in much larger sizes so you can record longer without having to change cards. The unique design of the Blackmagic URSA Mini SSD Recorder allows it to attach directly to the back of your URSA Mini or URSA Mini Pro between the camera and the battery. It uses 6G-SDI as a data link to the camera so you don't have to worry about starting or stopping the SSD recorder. Everything is setup and controlled directly from the camera.

Expansion Port

High speed USB-C connection for direct external recording.

URSA Mini Pro 4.6K G2 features an innovative high speed USB-C Expansion Port. USB-C is quickly becoming standard on all modern computers and devices. The massive bandwidth of USB-C makes it possible to connect external accessories such as flash drives and SSDs for significantly longer recording times. This can be important when shooting high quality lossless 12-bit Blackmagic RAW or high frame rate 300 fps images. Best of all, when you're done shooting you can use the same drive for editing and post production.

Built in Monitoring

Fold out touch screen for monitoring and camera control.

The built in 4 inch fold out touchscreen on URSA Mini Pro models and the 5 inch fold out touchscreen on URSA Mini 4K and 4.6K are super bright, high resolution colour displays with a wide viewing angle that makes them perfect for monitoring and reviewing shots on set. The screen can also show you a "heads up display" overlay with critical information such as format, frame rate, timecode, ISO and more. You even get a histogram, card recording status indicators and audiometers. The fold out touchscreen lets you use the incredible new URSA Mini operating software so you get

super fast access to every camera function, ATEM broadcast switcher integration features for live broadcast, digital slate for metadata management and more.

Advanced URSA Mini Software

Incredibly fast software with revolutionary new user interface.

All URSA Mini cameras feature a new user interface that revolutionizes the way you work. The advanced camera operating software lets you use simple tap and swipe gestures to control all features, setup, the digital slate and more. You get powerful and super fast software with a unique heads up display that puts commonly used functions at your fingertips. Simply touch an on screen icon to make changes for things such as audio levels, whitebalance, shutter angle and more. You'll instantly see sliders and controls for making adjustments without ever having to navigate through any menus. The new digital slate makes entering metadata faster than ever before with a built in dictionary, predictive entry and on screen keyboard. Using a professional digital film camera has never been faster.

Bluetooth® Camera Control

New API lets you create remote camera control apps.

All URSA Mini Pro cameras feature built in Bluetooth that allows you to send and receive commands from up to 30 feet away. Blackmagic Design has also published a new, open protocol and developer API, along with sample code for an iPad app that can control URSA Mini Pro. Now you can create your own remote camera control solutions, digital slate applications, remote colour correction software and more. The possibilities are endless and this technology will enable entirely new workflows that were never before possible. Imagine building an app that can jam sync timecode and trigger all cameras to record to their internal media with matching metadata, all at the same time.

Highly Customizable

Flexible enough to be rigged for any production

Blackmagic URSA Mini cameras are completely customizable so you can create a rig that's built specifically for your production. You can add accessories like the Blackmagic URSA Viewfinder, URSA Studio Viewfinder, URSA Mini Shoulder Kit and URSA Mini Mic Mount, or choose from hundreds of third party accessories. URSA Mini and URSA Mini Pro have 9 standard ¼" threaded mounting points on the top and bottom of the camera so you can mount it directly to a tripod as well as add accessories such as rails, sliders, matteboxes, microphones, ring lights, batteries and

more. Whether you're building a feature film rig or outfitting the camera for an ENG style shoot, URSA Mini has all of the mount points and connections you need.

High Resolution Viewfinder

Full HD display and glass optics makes precise focus easy

The optional Blackmagic URSA Viewfinder is designed to be the perfect match for URSA Mini Pro and URSA Mini cameras. You get a high resolution 1920 x 1080 colour OLED display matched with precision glass optics, adjustable diopter and built in digital focus chart so you get perfect focus every time. To preserve OLED screen life, there's a built in sensor so the OLED only turns on when you're looking through the viewfinder. The Blackmagic URSA Viewfinder is adjustable so it can be used on both the left or the right eye. There's even a built in record light.

Blackmagic URSA Studio Viewfinder

Turn URSA Mini into a true professional studio camera.

The URSA Studio Viewfinder is a true professional viewfinder for URSA Mini Pro and URSA Mini. You get a bright 7" screen with large handles and variable tension pivot points that let you smoothly adjust the viewfinder's position and angle, even while you're live on air. The control knobs and buttons give you direct control of settings so you can keep your eye on the action. Combined with the software for URSA Mini, the URSA Studio Viewfinder turns your URSA Mini into the ultimate live production camera. You get support for talkback, tally, and program return, along with remote control of focus, iris, colour balance and more, all from your ATEM Switcher.

Professional Connections

Full size, durable connections that work with standard cables

Blackmagic URSA Mini Pro models feature multiple connections such as 12G-SDI out, HD-SDI monitoring out, 2 LANC inputs, balanced XLR audio with phantom power, timecode in and reference input. On the front right side of the cameras is a 12 pin Hirose control connector for broadcast lenses. There's also a 4 pin XLR DC output and an HD-SDI monitoring output that are located in the perfect position for connecting an optional viewfinder or on set monitor. The 12G-SDI output handles all formats up to 2160p60 using a single BNC cable, and also switches to 6G-SDI or HD-SDI depending on the shooting format.

Advanced 12G-SDI

Work with all formats up to 2160p60 over a single cable.

12G-SDI is an incredible 8 times faster than regular HD-SDI which makes it fast enough for Ultra HD video at up to 60 frames per second, all over a single regular SDI cable. The high quality BNC connections are multi rate so it can automatically switch and work with 6G-SDI, 3G-SDI, and regular HD-SDI equipment. That means URSA Mini Pro and URSA Mini cameras are compatible with all of your existing HD and Ultra HD equipment so you can plug it into things like ATEM live production switchers, on set monitors, decks and more.

Professional Audio

Built in production quality sound recording

URSA Mini Pro models have a high quality microphone and professional audio recorder built right in so you don't have to carry around extra sound equipment. Use the built in stereo microphone to record natural location sound or connect professional microphones using the two XLR wide dynamic range mic inputs. The XLR connections have 48V of switchable phantom power so you can plug in everything from shot gun to wireless clip on mics for capturing every detail of the performance. You can quickly adjust levels using the external knobs and monitor audio using the onscreen audio meters.

Digital Slate

Embedded metadata, store location, camera orientation, scene details and more.

The built in touchscreen makes it astonishingly simple to set up and enter metadata for tagging clips. Metadata is saved directly in the video files so you don't have to worry about managing extra files. You can import the files directly into software like DaVinci Resolve, Final Cut Pro and Avid Media Composer then use the metadata to sort, search and find the clips you need so you can spend more time on creative editing and less time managing mountains of media.

Flexible Power

Compatible with industry standard batteries and power

URSA Mini Pro and URSA Mini cameras include a 4-pin XLR industry standard power connector that works with 12V to 20V external power supplies. That means it's easy to use the camera with all of your existing power supplies and batteries. All URSA cameras use the same battery power connector and mounting points on the rear of

the camera so you can use a wide range of battery plates from manufacturers such as IDX, Blueshape, Anton Bauer and more. You can also add the optional Blackmagic URSA VLock Battery Plate or Blackmagic URSA Gold Battery Plate for using popular V-Mount and Gold Mount batteries.

Includes DaVinci Resolve Studio

Professional editing, visual effects, colour correction and audio post.

All URSA cameras include a full version of DaVinci Resolve Studio, which is a complete post production solution. You get the world's most advanced solution that combines professional editing, colour correction, audio post and visual effects all in one software tool. DaVinci Resolve is used to finish more Hollywood feature films than any other solution, so you'll get the best possible post production tools to edit native video from your camera and retain every bit of quality. Whether you're working on major Hollywood feature films, episodic television productions, music videos, commercials or even the latest YouTube shoot, DaVinci Resolve Studio gives you a completely lossless workflow for native editing, colour correction, effects, audio and delivery, so your video always looks as good as possible.

Optional Shoulder Mount Kit

From tripod to shoulder and back in seconds

URSA Mini cameras include multiple ¼ inch mount points on the bottom so you can attach it directly to any tripod. When you need to quickly move from tripod to handheld and back, the best solution is to use the optional Blackmagic URSA Mini Shoulder Kit. This kit includes the shoulder pad with built in rosettes, rail mounts and integrated quick lock release attachment points for instantly latching onto the quick release plate without removing the shoulder pad. The kit also includes a top handle for carrying the camera and attaching accessories.

In the box:

- Blackmagic URSA Mini Pro 4.6K G2 body
- Turret dust cap
- EF lens mount
- Power supply
- DaVinci Resolve Studio with activation key

*Side Hand Grip or LANC cable not included

