

Blackmagic URSA 4.6K EF



Get the URSA camera with the EF lens mount and amazing 4.6K Super 35 image sensor with global shutter and 15 stops of dynamic range. The EF lens mount includes active lens control for compatibility with both active and passive EF mount lenses. URSA EF makes it easy to use a wide range of high quality lenses such as low cost DSLR photo lenses from companies such as Canon, Zeiss and more!

\$6,995

Camera Features

Sensor Size

25.34mm x 14.25mm (Super35)

Shooting Resolutions

4608 x 2592

4096 x 2304 (4K 16:9)

4608 x 1920 (4K 2.4:1)

3840 x 2160 (Ultra HD)

3072 x 2560 (3K Anamorphic)

2048 x 1152 (2K 16:9)

1920 x 1080

Frame Rates

Maximum sensor frame rate dependent on resolution and codec selected.

Project frame rates of 23.98, 24, 25, 29.97, 30, 50, 59.94 and 60 fps supported.

Dynamic Range

15 stops

Focus

Focus button turns on peaking, auto focus available using compatible lenses.

Iris Control

Iris button automatically adjusts the lens iris settings on compatible lenses so no pixel is clipped in film mode. Scene average auto exposure in video mode.

Lens Mount

EF Mount

Screen Dimensions

1 x 10.1" - 1920 x 1200

2 x 5" - 800 x 480

Screen Type

10.1" - TFT-LCD

5" - Integrated LCD capacitive touchscreen

Metadata Support

Automatic camera data and user data such as shot number, filenames and keywords.

Controls

Touchscreen menus on 5" screen. Push button controls for settings and navigating menus.

Microphone

Integrated stereo microphone.

Speaker

Integrated mono speaker

Mounting Options

Multiple 3/8"-16 UNC thread mounting on top of camera and on handle. Integrated rod mounts compatible with 15mm Light Weight Support standard.

Storage Features

Storage Rates

4608 x 2592

CinemaDNG RAW 3:1 - 180 MB/s

CinemaDNG RAW 4:1 - 135 MB/s

3840 x 2160

Apple ProRes 444 XQ - 250 MB/s

Apple ProRes 444 - 165 MB/s

Apple ProRes 422 HQ - 110 MB/s

Apple ProRes 422 - 73.6 MB/s

Apple ProRes 422 LT - 51 MB/s

Apple ProRes Proxy - 22.4 MB/s

1920 x 1080

Apple ProRes 444 XQ - 62.5 MB/s

Apple ProRes 444 - 41.25 MB/s

Apple ProRes 422 HQ - 27.5 MB/s

Apple ProRes 422 - 18.4 MB/s

Apple ProRes 422 LT - 12.75 MB/s

Apple ProRes Proxy - 5.6 MB/s

Storage rates based on 30 frames per second.

Storage Type

CFast 2.0

Please refer to either the Manual or the Information Note at www.blackmagicdesign.com/support for compatible media.

Recording Formats

Lossless CinemaDNG RAW, RAW 3:1 and RAW 4:1 with film dynamic range at 4608 x 2592, 4096 x 2304, 4608 x 1920, 3072 x 2560, and 2048 x 1152.

Apple ProRes 3840 x 2160 and 1920 x 1080 with either film or video dynamic range. RAW 3:1 files compatible with DaVinci Resolve, but may be incompatible with other software applications. Please check with your software vendor for RAW 3:1 support updates.

Connections

SDI Video Output

1 x 12G-SDI 10-bit 4:2:2. 1 x 3G-SDI down converted for external monitoring

SDI Video Input

1 x 12G-SDI

Ref Input

1 x BNC Reference Input

Timecode Input

1 x BNC Timecode Input

Timecode Output

1 x BNC Timecode Output

Analog Audio Input

2 x XLR analog switchable between mic and line levels. Phantom power support.

Analog Audio Output

1/4" jack output for headphone monitoring

SDI Audio Output

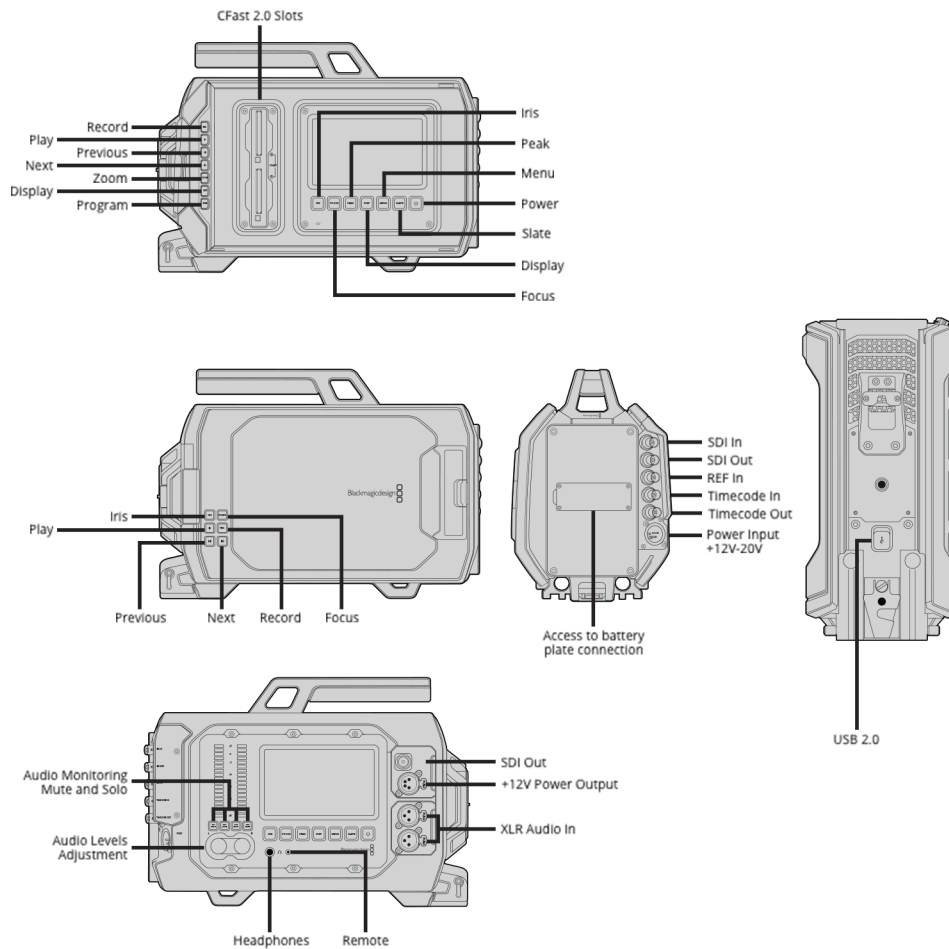
2 channel

Remote Control

1 x 2.5mm LANC for Rec Start/Stop, plus Iris and Focus control using compatible lenses.

Computer Interface

USB 2.0 Mini-B port for software updates.



Standards

SDI Compliance

SMPTE 292M, SMPTE 424, Draft SMPTE 2081-1, Draft SMPTE 2082-1

SDI Audio Sampling

48 kHz and 24 bit

Software

Software Included

DaVinci Resolve Studio grading software including Resolve USB dongle for Mac OS X and Windows.

Blackmagic Media Express software.

Blackmagic Disk Speed Test.

Blackmagic Camera Setup.

Operating Systems



Mac OS X 10.10 Yosemite,
Mac OS X 10.11 El Capitan
or later.



Windows 8.1 or
Windows 10.

Power Requirements

External Power Input

1 x 4-pin XLR port for external power or
battery use.

External Power Output

1 x 12V output using 4-pin XLR for
powering external accessories such
as EVF.

Power

Rear camera mount compatible with
industry standard V-mount or Gold
Mount battery plates.

Accessories

Optional Accessories

Shoulder Kit with 15mm Light Weight Support and Rosettes

Vlock Battery Plate

PL Mount Shim Kit

Physical Specifications



Environmental Specifications

Operating Temperature

0° to 40° C (32° to 104° F)

Storage Temperature

-20° to 45° C (-4° to 113° F)

Relative Humidity

0% to 90% non-condensing

What's Included

Blackmagic URSA 4.6K EF
4.6K active EF Mount turret
Turret Dust Cap
12V AC Adapter
DaVinci Resolve Studio and dongle

Warranty

Product Warranty

12 Month Limited Manufacturer's Warranty.

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