

## Blackmagic URSA EF



Get the URSA camera with the EF lens mount and amazing 4K Super 35 image sensor with global shutter installed. 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!

**\$4,995**

### Camera Features

**Sensor Size**

22mm x 11.88mm (Super 35)

**Shooting Resolutions**

3840 x 2160, 1920 x 1080, 4000 x 2160  
RAW

**Frame Rates**

30 fps in RAW

80 fps in RAW 3:1

80 fps in ProRes HD or ProRes UHD

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

**Dynamic Range**

12 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.

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## Storage Features

### Storage Rates

4000 x 2160

CinemaDNG RAW - 265 MB/s

CinemaDNG RAW 3:1 - 125 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](http://www.blackmagicdesign.com/support) for compatible media.

### Compressed Recording Formats

Lossless CinemaDNG RAW and RAW 3:1 with film dynamic range at 4000 x 2160. Apple ProRes 444, ProRes 422 HQ, 422, 422 LT and 422 Proxy at 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.

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## 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

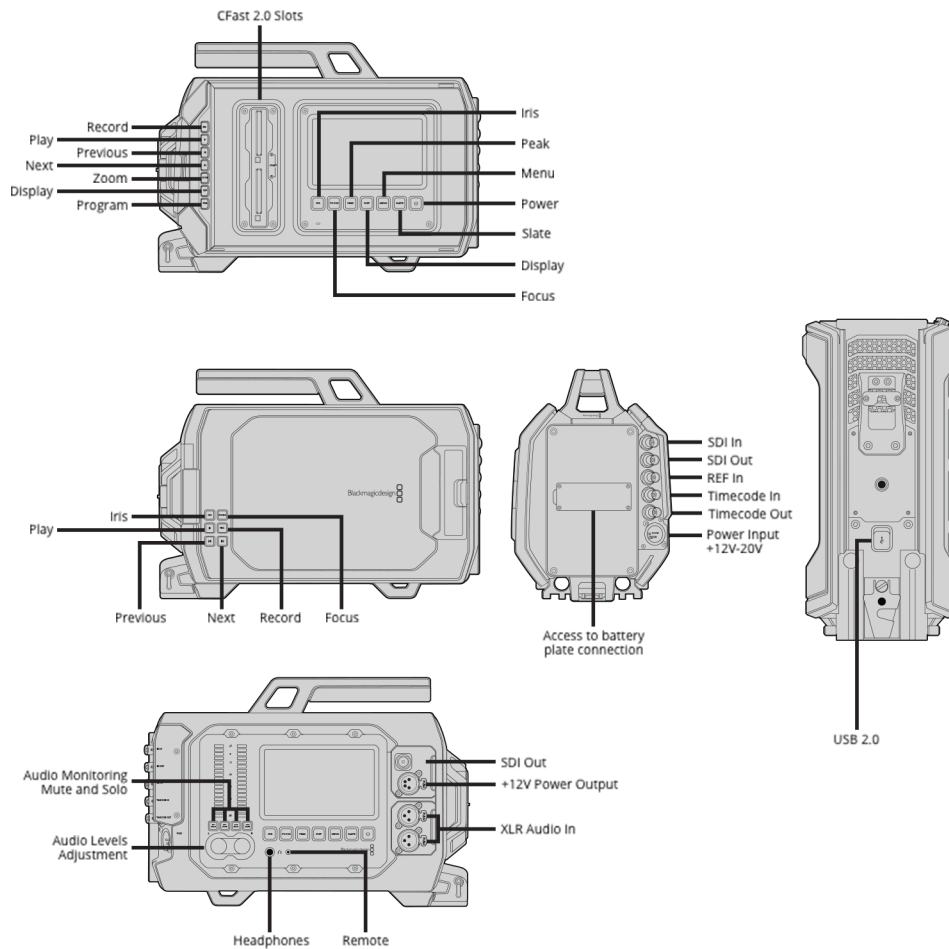
2 channel

### 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.

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## Operating Systems



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



Windows 8.1 or  
Windows 10.

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## 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.

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## Accessories

### Optional Accessories

Shoulder Kit with 15mm Light Weight Support and Rosettes

Vlock Battery Plate

PL Mount Shim Kit

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## 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

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## What's Included

Blackmagic URSA EF  
Active EF Mount turret  
Turret Dust Cap  
12V AC Adapter  
Tripod mounting plate adapter  
DaVinci Resolve Studio and dongle

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## Warranty

### **Product Warranty**

12 Month Limited Manufacturer's Warranty.

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