Blackmagic URSA Mini 4K EF

The compact URSA Mini camera with EF lens mount, 4K Super 35 image sensor and global shutter is lightweight and perfectly balanced for handheld use and comfortable enough for all day shooting. URSA Mini 4K EF features professional 12G-SDI connections, 5” fold out touchscreen monitor and side grip with camera control functions as well as dual CFast card recorders, built in stereo microphones and more.

$2,995

Camera Features

Effective Sensor Size
22mm x 11.88mm (Super35).

Lens Mount
EF Mount

Lens Control
EF via mount pins.

Dynamic Range
12 Stops.

Shooting Resolutions
3840 x 2160
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

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.

Screen Dimensions
5” 1920 x 1080

Screen Type
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 buttons for other controls. 2 assignable shortcut keys.

Speaker
1 x mono speaker, enabled in playback mode when headphones are not used.

Connections

Total Video Inputs
1 x SDI

Total Video Outputs
1 x SDI, 1 x SDI Monitoring.

SDI Rates
1.5G, 3G, 6G, 12G.
**Optical SDI**
None

**Analog Audio Inputs**
2 x XLR analog switchable between mic and line levels. Phantom power support.

**Analog Audio Outputs**
1 x 3.5mm headphone jack, supports iPhone microphone for talkback.

**Reference Input**
Tri-Sync/Black Burst/Timecode.

**Remote Control**
2 x 2.5mm LANC input for Rec Start/Stop, plus Iris and Focus control using compatible lenses.

**Computer Interface**
USB 2.0 Mini-B port for software updates.

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**Audio**

**Microphone**
2 x built in cardioid microphones for stereo recording with -15dB pad and low cut filter.

**Built in Speaker**
Mono.

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**Standards**

**SD Video Standards**
None

**HD Video Standards**
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080i50, 1080i59.94, 1080i60

**Ultra HD Video Standards**
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60
SDI Compliance
SMPTE 292M, SMPTE 424 Level B, Draft SMPTE 2081-1, Draft SMPTE 2082-1

SDI Audio Sampling
48 kHz and 24 bit

Media

Media
2 x CFast for HD and Ultra HD recording. Please refer to either the Manual or the Information Note at www.blackmagicdesign.com/support for compatible media.

Media Format
Can format cards to ExFAT (Windows/Mac) or HFS+ (Mac) file systems.

Supported Codecs

Codecs

Control

External Control
Blackmagic SDI Control Protocol. 2 x 2.5mm LANC for lens and record control.

Color Corrector

Color Corrector
DaVinci YRGB.

Talkback and Tally

Live Tally Indicator
Tally on LCD, viewfinder and studio viewfinder.

Talkback
SDI Channels 15 and 16.
Storage Features

**Storage Rates**
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.

**Recording Formats**
Apple ProRes XQ, 444, 422 HQ, 422 LT and 422 Proxy at 3840 x 2160 and 1920 x 1080 with either film or video dynamic range.

**Storage Type**
2 x CFast 2.0

Software

**Software Included**
URSA Mini Operating System.

DaVinci Resolve Studio for Mac and Windows including activation key.
Blackmagic Camera Setup.

Operating Systems

Mac 10.14 Mojave, Mac 10.15 Catalina or later.

Windows 8.1 or Windows 10.

Power Requirements

**Power Supply**
1 x External 12V power supply.
12-pin molex connector on rear battery plate.

**External Power Input**
1 x 4-pin XLR port for external power or battery use.
1 x 12-pin molex connector on rear battery plate.
Custom V-mount battery plate with D-tap +12V regulated output from camera.
Power
Rear camera mount compatible with industry standard V-mount or Gold Mount battery plates.

Accessories

Optional Accessories
URSA Mini Shoulder Kit including top handle and extender arm
URSA Viewfinder
URSA Studio Viewfinder
URSA Mini SSD Recorder
URSA VLock Battery Plate
URSA Gold Battery Plate
URSA Mini Mic Mount
URSA Mini Top Handle
URSA Handgrip
Blackmagic Camera Fiber Converter

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 Mini 4K EF
Turret Dust Cap
Side Handle with LANC Cable and strap
Power supply
SD card with software and manual
DaVinci Resolve Studio with activation key

Warranty

12 Month Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller