

# Blackmagic Micro Cinema Camera



The world's smallest digital film camera with Super 16mm sensor and 13 stops of dynamic range that is designed to be operated remotely! Features a revolutionary expansion port with PWM and S.Bus inputs so you can use a model airplane remote control to operate the camera wirelessly. Includes a built in SD card recorder for capturing up to 1080HD in CinemaDNG RAW or ProRes, MFT lens mount and operates up to 60 fps.

**\$995**

## Camera Features

### Effective Sensor Size

12.48mm x 7.02mm (Super 16)

### Lens Mount

Active MFT mount.

### Lens Control

Iris, focus and zoom on supported lenses.

### Dynamic Range

13 stops.

### Shooting Resolutions

1920 x 1080

### Frame Rates

1080p23.98, 1080p24, 1080p25,  
1080p29.97, 1080p30, 1080p50,  
1080p59.94, 1080p60

### Focus

Remote focus control via expansion connector when using compatible lenses.

### Iris Control

Iris control via Rewind and Forward buttons, plus remote control via expansion connector when using compatible lenses.

### Controls

6 control buttons including Record, Play, Rewind, Forward, Menu, and Power. 4 channel PWM plus 1 x S.Bus remote via expansion connector.

### Mounting Options

1 x 1/4 inch (top), 3 x 1/4 inch (bottom).

## Connections

### Total Video Inputs

None

### Total Video Outputs

1 x HDMI Type A, 1 x Composite Video output.

### Analog Audio Inputs

1 x 3.5mm stereo jack, mic or line level. Can also be used for timecode input.

### Analog Audio Outputs

1 x 3.5mm stereo headphone jack

### Reference Input

Tri-Sync or Black Burst on expansion connector.

### Expansion Port

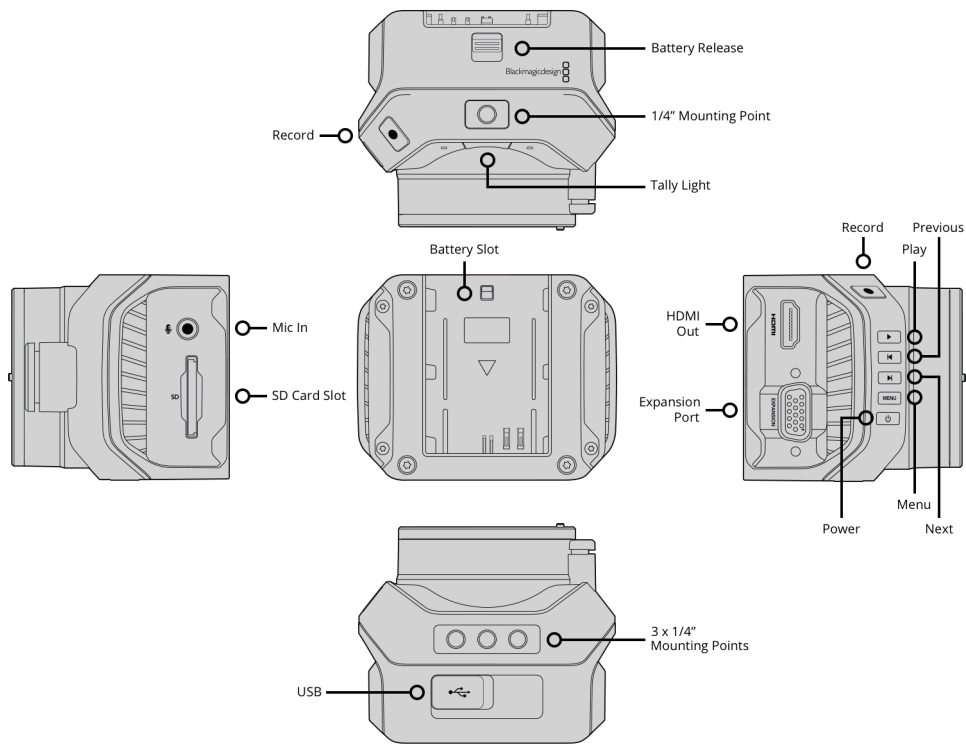
DB-HD15 serial connector provides support for:  
Power input  
LANC input  
1 x S.Bus input  
4 x PWM channel input  
Reference input  
Composite video output

### Remote Control

Lens control, recording parameters and record trigger start/stop trigger via LANC and PWM or S.Bus remote channels

### Computer Interface

USB 2.0 Mini-B port for software updates.



## Audio

### Microphone

Integrated stereo microphone.

## Standards

### SD Video Standards

None

### HD Video Standards

1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60

## Codecs

CinemaDNG RAW, CinemaDNG RAW 3:1, ProRes 422 HQ QuickTime, ProRes 422 QuickTime, ProRes 422 LT QuickTime, ProRes Proxy QuickTime.

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## Media

### Media

SDXC and SDHC cards.

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### Media Format

Media Format can format cards to HFS+ for Mac or exFAT for Windows.

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## Control

### External Control

Expansion connector has LANC, S.Bus and PWM for lens and other settings control.

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## Storage Features

### Storage Type

Removable SDXC and SDHC cards.

### Storage Format

Mac OS Extended or exFAT format. SD cards can be formatted in camera, or on any Mac or Windows computer. Formatting in camera recommended.

### Storage Rates

1920 x 1080  
CinemaDNG RAW - 65 MB/s  
CinemaDNG RAW 3:1 - 33 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  
Rates based on 30 frames per second.

### Recording Formats

Lossless CinemaDNG RAW, RAW 3:1 at 1920 x 1080 with film dynamic range. Apple ProRes 422 HQ, 422, 422 LT and 422 Proxy at 1920 x 1080 with either film or video dynamic range.

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## Software

### Software Included

DaVinci Resolve grading software. SD card for Mac OS X and Windows.

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## Operating Systems



macOS 10.12 Sierra, macOS High Sierra 10.13 or later.



Windows 8.1 or Windows 10.

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## Power Requirements

### Battery Type

Canon LP-E6

### Battery Life

Approximately 1 hour 30 minutes

### Power

12V-20V

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## Physical Specifications



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## 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 Micro Cinema Camera  
Expansion cable  
LP-E6 battery  
Turret dust cap  
12V AC Adapter  
SD card with software and manual

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## Warranty

**Product Warranty**  
12 Month Limited Manufacturer's Warranty

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