

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.

Media

Media

SDXC and SDHC cards.

Media Format

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

Control

External Control

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

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.

Software

Software Included

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

Operating Systems

macOS 10.12 Sierra,
macOS 10.13 High Sierra or later,

Windows 8.1 or Windows 10.

Power Requirements

Battery Type

Canon LP-E6

Battery Life

Approximately 1 hour 30 minutes

Power

12V-20V

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

Warranty

Product Warranty

12 Month Limited Manufacturer's Warranty

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