

## Blackmagic Pocket Cinema Camera **Technical Specifications**

Description

The world's most compact Super 16 digital film camera features an elegant magnesium alloy chassis, 13 stops of dynamic range, Super 16 sensor size, high quality Apple ProRes 422 (HQ) and lossless compressed CinemaDNG RAW recording, as well as interchangeable optics with an active Micro Four Thirds lens mount, all packed into an incredibly tiny size. Includes power supply, removable/rechargeable battery and wrist strap.

Camera Features Effective Sensor Size 12.48mm x 7.02mm

Effective Resolution 1920 x 1080

Shooting Resolutions Lossless CinemaDNG RAW and Apple ProRes 422 (HQ) at 1920 x 1080

Frame Rates 23.98p, 24p, 25p, 29.97p, 30p

Dynamic Range

Focus

Focus button turns on peaking.

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

Storage Rates 220 Mbps using Apple ProRes 422 (HQ) Compressed Recording Formats

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

exposure in video mode.

**Screen Dimensions** 

3.5" and  $800 \times 480$  resolution.

Lens Mount

Active MFT

Screen Type Integrated LCD.

Controls

4 way directional controller for navigating menus and entering metadata. Push buttons for recording and transport control.

Microphone Integrated stereo microphone

Speaker Integrated mono speaker.

Mounting Options  $1 \times 1/4$ "-20 UNC thread mounting point on top of camera.  $1 \times 1/4$ "-20 UNC thread tripod mount.

Connections

Storage Features Storage Type
Removable SDXC, SDHC cards.

HDMI Video Output 1 x Micro HDMI Type D output.

Analog Audio Input

Storage Format

SD card can be forn exFAT or HFS+

Apple ProRes 422 (HQ) in QuickTime MOV, lossless CinemaDNG RAW. Recording in 1920 x 1080 with choice of Film or Video Dynamic Range.

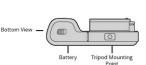
Analog Audio Output 1 x 3.5mm stereo jack headphone output.

HDMI Audio Output 2 channels 48 kHz and 24 bit.

Remote Control
1 x 2.5mm LANC for Rec Start/Stop, Iris Control and Focus.

Computer Interface USB 2.0 mini B port for software updates and configuration.





Software

Software Included DaVinci Resolve Lite grading software DVD for Mac OS X and Windows.

Supported Software Applications Apple Final Cut Pro, Adobe After Effects, Nuke - The Foundry, Adobe Photoshop, DaVinci Resolve

Operating Systems



Mac OS X 10.8 Mountain Lion or later.

Power Requirements External Power 1 x 0.7mm DC Jack for power and battery charging.

Power Removable, rechargeable Lithium Ion battery for EN-EL20, 12V-20V DC port for external power and battery recharging.

Battery Life

Approximately 1 hour of continuous recording time.

Battery Charge Time

camera is off, and approximately  $2\,$ hours when in use.

Physical Specifications









Environmental Specifications

Operating Temperature 0° to 40° C (32° to 104° F)

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Storage Temperature -20° to 45° C (-4° to 113° F)

Relative Humidity 0% to 90% non-condensing

What's Included

Wrist strap Turret Dust Cap 12V AC Adapter

EN-EL20 Lithium Ion Removable/Rechargeable Battery

Warranty

Product Warranty
12 Month Limited Manufacturer's Warranty.

Where to Find Details

 $Refer to \ product \ Installation \ and \ Operation \ Manual, available \ on \ line \ www.blackmagic design.com/support.$