



Blackmagicdesign



Blackmagic Cinema Camera Tech Specs

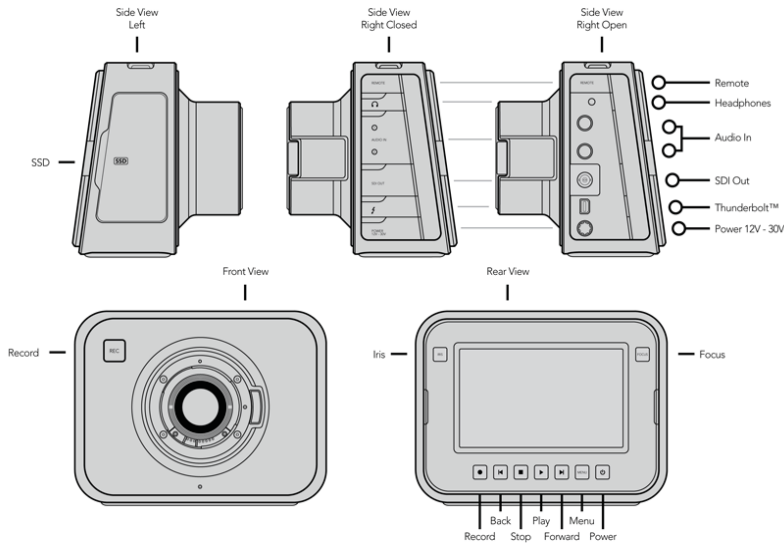
Blackmagic Cinema Camera

Camera Features

Active Sensor Resolution	2432 x 1366
Raw Resolution	12-bit RAW files recorded at 2432 x 1366
Shooting Resolutions	2.5K RAW at 2432 x 1366. ProRes and DNxHD at 1920 x 1080
Frame Rates	23.98p, 24p, 25p, 29.97p, 30p
Active Sensor Size	15.81 mm x 8.88mm
Dynamic Range	13 stops
Focus	Focus button turns on peaking
Iris Control	Iris button automatically adjusts the lens iris settings so no pixel is clipped
Lens Mount	EF and ZE mount compatible with electronic iris control
Screen Dimensions	5" and 800 x 480 resolution
Screen Type	Integrated LCD capacitive touchscreen
Metadata Support	Automatic camera data and user data such as shot number, filenames and keywords
Controls	Onscreen touch menus and physical buttons for recording and transport control
Microphone	Integrated mono microphone
Speaker	Integrated mono speaker
Mounting Options	3 x 1/4" thread mounting points on top of camera. 1 x 1/4" thread tripod mount with locator pin.

Camera Features

Power	Integrated Lithium-ion Polymer rechargeable battery 12V-30V DC port for external battery power or use i
Battery Life	Approximately 90 minutes
Battery Charge Time	Approximately 2 hours when not i
Camera Dimensions	166.2mm by 113.51 mm x 126.49mm exc
Camera Weight	1.7 kg / 3.75 lb



Storage Features

Storage Type	Removable 2.5" SSD
Storage Format	Mac OS Extended format. SSDs can be formatted on any Mac or use Mediafour MacDrive (not included) on a Windows PC.
Storage Rates	5 MB/frame in RAW 2.5K fits about 30 minutes of 24p video on a 256 GB solid state disk. Compressed HD formats fit more than 5 times the amount of RAW video.
Uncompressed Recording Formats	RAW 2.5K CinemaDNG
Compressed Recording Formats	Apple ProRes and Avid DNxHD. All compressed recording in 1920x1080 10-bit YUV with choice of Film or Video Dynamic Range.

Connections

SDI Video Output	1 x 10-bit HD-SDI 4:2:2 with choice of Film or Video Dynamic Range
Analog Audio Input	2 x 1/4" jacks for professional balanced analog audio, switchable between mic and line levels.
Connections	
Computer Interface	Thunderbolt port for capture of RAW video and audio. USB 2.0 mini B port for software updates and configuration.
External Power	12V-30V DC port for external battery power or use included 12V AC adapter.

Standards

SDI Compliance	SMPTE 292M.
SDI Audio Sampling	48 kHz and 24 bit.

Extras

Software Included	DaVinci Resolve grading software including Resolve USB dongle for Mac OS X and Windows. Media Express software for video capture from the camera's Thunderbolt port. Blackmagic UltraScope software for waveform monitoring from the camera's Thunderbolt port.
Accessories	Detachable sun shield, camera strap, turret dust cap and 12V AC adapter.
Product Warranty	12 Month Limited Manufacturer's Warranty.

Optional Accessories

Camera Handles	Blackmagic Cinema Camera Handles
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