



Compare Blackmagic Cinema Camera Products

	Blackmagic Cinema Camera EF	Blackmagic Cinema Camera MFT
Camera Features		
Active Sensor Resolution	2432 x 1366	2432 x 1366
Raw Resolution	12-bit RAW files recorded at 2432 x 1366	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	2.5K RAW at 2432 x 1366. ProRes and DNxHD at 1920 x 1080
Frame Rates	23.98p, 24p, 25p, 29.97p, 30p	23.98p, 24p, 25p, 29.97p, 30p
Active Sensor Size	15.81 mm x 8.88mm	15.81 mm x 8.88mm
Dynamic Range	13 stops	13 stops
Focus	Focus button turns on peaking	Focus button turns on peaking
Iris Control	Iris button automatically adjusts the lens iris settings so no pixel is clipped	Compatible with any manually operated iris based lens
Lens Mount	EF and ZE mount compatible with electronic iris control	Passive Micro Four Thirds mount for manually operated lens with manual iris control. Compatible with most third party MFT adapters for other lens mounts such as PL etc.
Screen Dimensions	5" and 800 x 480 resolution	5" and 800 x 480 resolution
Screen Type	Integrated LCD capacitive touchscreen	Integrated LCD capacitive touchscreen
Metadata Support	Automatic camera data and user data such as shot number, filenames and keywords	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	Onscreen touch menus and physical buttons for recording and transport control
Microphone	Integrated mono microphone	Integrated mono microphone
Speaker	Integrated mono speaker	Integrated mono speaker
Mounting Options	3 x 1/4"-20 UNC thread mounting points on top of camera. 1 x 1/4"-20 UNC thread tripod mount with locator pin.	3 x 1/4"-20 UNC thread mounting points on top of camera. 1 x 1/4"-20 UNC thread tripod mount with locator pin.
Power	Integrated Lithium-Ion Polymer rechargeable battery. 12V-30V DC port for external battery power or use included 12V AC adapter.	Integrated Lithium-Ion Polymer rechargeable battery. 12V-30V DC port for external battery power or use included 12V AC adapter.
Battery Life	Approximately 90 minutes	Approximately 90 minutes
Battery Charge Time	Approximately 2 hours when not in use.	Approximately 2 hours when not in use.
Camera Dimensions	166.2mm by 113.51 mm x 126.49mm excluding detachable sunshade and turret dust cap	166.2mm by 113.51 mm x 126.49mm excluding detachable sunshade and turret dust cap
Camera Weight	1.7 kg / 3.75 lb	1.5 kg / 3.3 lb

Storage Features		
Storage Type	Removable 2.5" SSD	Removable 2.5" SSD
Storage Format	Mac OS Extended or exFAT format. SSDs can be formatted on any Mac or use Mediafour MacDrive (not included) on a Windows PC.	Mac OS Extended or exFAT 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.	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	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.	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. When recording is set to 25p or 29.97p with SDI Overlays switched off, the SDI output format is 1080i50 and 1080i59.94 respectively.	1 x 10-bit HD-SDI 4:2:2 with choice of Film or Video Dynamic Range. When recording is set to 25p or 29.97p with SDI Overlays switched off, the SDI output format is 1080i50 and 1080i59.94 respectively.
Analog Audio Input	2 x 1/4" jacks for professional balanced analog audio, switchable between mic and line levels.	2 x 1/4" jacks for professional balanced analog audio, switchable between mic and line levels.
Analog Audio Output	1 x 3.5mm stereo headphone output	1 x 3.5mm stereo headphone output
SDI Audio Output	4 channels in HD-SDI	4 channels in HD-SDI
Remote Control	1 x 2.5mm LANC for Rec Start/Stop, Iris Control and Focus Control	1 x 2.5mm LANC for Rec Start/Stop, Iris Control and Focus Control
Computer Interface	Thunderbolt port for capture of RAW video and audio. USB 2.0 mini B port for software updates and configuration.	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.	12V-30V DC port for external battery power or use included 12V AC adapter.

Standards		
SDI Compliance	SMPTE 292M.	SMPTE 292M.
SDI Audio Sampling	48 kHz and 24 bit.	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.	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.	Detachable sun shield, camera strap, turret dust cap and 12V AC adapter.
Product Warranty	12 Month Limited Manufacturer's Warranty.	12 Month Limited Manufacturer's Warranty.