

EOS-1D C 4K DSLR CINEMA CAMERA

Revolutionary 4K Camera

The Canon EOS-1D C represents a breakthrough in cinematography by combining the convenience of a digital SLR camera with 4K and full HD-resolution video recording to support high-end motion picture and television production applications. Compact, rugged, and flexible, the EOS-1D C features an 18.1-megapixel full-frame 24mm x 36mm Canon CMOS sensor, industry-standard codecs and interfaces, and an expanded sensitivity range of up to ISO 25600 for exceptional motion-imaging with reduced noise even in low-light settings. The EOS-1D C is also compatible with more than 60 interchangeable Canon EF and Cinema lenses, all of which are designed to deliver exceptional image quality to help maximize the potential for creative visual expression. The EOS-1D C records 8-bit 4:2:2 Motion JPEG 4K (4096 x 2160-pixel) video to the camera's dual CF memory cards at 24 frames per second or 8-bit 4:2:0 Full HD (1920 x 1080) video at selectable frame rates from 24p to 60p. If desired, captured video (excluding 4K) can also be output as Clean HD via the camera's HDMI terminal to an external recorder using an uncompressed YCbCr 8-bit 4:2:2 signal. The EOS-1D C also delivers superb still-imaging capabilities, and is equipped with dual Canon **DiGiC 5+** image processors for high-precision AF and AE performance while also enabling high-speed continuous shooting of up to approximately 12 fps (14fps in the ultra-fast continuous shooting mode).



Key Features

- ▶ 4K Video Capture (M-JPEG YCbCr 4:2:2, 8-bit video recording)
- ▶ Full HD Recording and Super 35mm Crop Mode
- ▶ Canon 18.1 Megapixel Full-Frame 24mm x 36mm CMOS Sensor
- ▶ Dual Canon DiGiC 5+ Image Processors
- ▶ Canon Log Gamma
- ▶ HDMI Output with Time Code
- ▶ Compatibility with Canon Cinema and EF Lenses
- ▶ Built-In Headphone Jack for Real-Time Audio Monitoring
- ▶ Remote Capabilities Via Optional Canon WFT-E6A Wireless File Transmitter
- ▶ Fully Featured 12.0 fps, 18.1 Megapixel Full-Frame DSLR Camera
- ▶ Compact, Durable Body

Recommended For:

- ▶ 4K Cinematic Production
- ▶ Cinematic Film Production
- ▶ Episodic TV and Commercial Production
- ▶ Independent Film Production
- ▶ Documentary Film Production
- ▶ Corporate and Government Videography
- ▶ Wedding and Event Videography
- ▶ High-Speed Still Photography

EOS-1D C

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PRODUCT NAME: EOS-1D C ITEM CODE: 6994B002 UPC CODE: 013803160130

SPECIFICATIONS

IMAGE SENSOR	RESOLUTION	Approx. 18.1 million effective pixels (Total pixels: Approx. 19.3 million)			
	RECORDING PIXELS	5208 x 3477 effective pixels			
	SENSOR TYPE	Full-Frame CMOS Sensor			
	PIXEL SIZE	6.95 microns square			
AUTOFOCUS	LENS FOCAL LENGTH FACTOR	Same as indicated on lens 4K: approx. 1.3x, Super 35mm Crop: approx. 1.6x			
	NUMBER OF AF POINTS	61			
	NUMBER OF CROSS-TYPE AF POINTS	<ul style="list-style-type: none"> • 1 to 5 cross-type AF points at f/2.8 • 10 to 20 cross-type AF points at f/4 • 15 to 21 cross-type AF points at f/5.6 (The number of cross-type AF points will differ depending on the lens.)			
	AF AREA SELECTION MODES	<ul style="list-style-type: none"> • Single-point AF (Manual selection) • Auto selection 61-point AF • Single-point Spot AF (Manual selection) • AF point expansion (Manual selection, 4 points: Up, down, left, and right) • AF point expansion (Manual selection, surrounding 8 points) • Zone AF (Manual zone selection) 			
EOS MOVIE SHOOTING AND PLAYBACK	AF POINT SETTING FOR VERTICAL/ HORIZONTAL ORIENTATION	Available			
	FOCUS MODES	<ul style="list-style-type: none"> • One-Shot AF • Predictive AI Servo AF* • Manual focus 			
	RECORDING FORMAT	<ul style="list-style-type: none"> • MOV – 4K Motion JPEG – Super 35mm Crop, Full HD, HD: MPEG-4 AVC (H.264), variable bit rate • Audio: Linear PCM, Meta information is embedded in the MOV file (no separate THM file) • NTSC and PAL 			
	COVERAGE	Approx. 100% vertically and horizontally			
EOS MOVIE SHOOTING AND PLAYBACK	MOVIE RECORDING RESOLUTIONS, AND FRAME RATES (PROGRESSIVE)	Movie-recording Size	NTSC	PAL	Compression Method
		4K [4096x2160]	24 fps	24 fps	JPEG
		Super 35mm Crop [1920x1080]	30 fps	25 fps	ALL-I
			24 fps	24 fps	IPB
		Full HD [1920x1080]	60 fps	50 fps	ALL-I
			30 fps	25 fps	IPB
		HD [1280x720]	24 fps	24 fps	ALL-I
			60 fps	50 fps	IPB
		SD [640x480]	30 fps	25 fps	IPB
		COLOR SAMPLING METHOD	YCbCr 4:2:2 (8bit) : 4K YCbCr 4:2:0 (8bit) : Super 35mm Crop, Full HD, HD, SD		
COLOR PROFILE (COLOR MATRIX)	Rec. ITU-R BT.601 : 4K, SD Rec. ITU-R BT.709 : Super 35mm Crop, Full HD, HD				
IMAGE CREATION PROCESSING	Based on current Picture Style Canon Log gamma (View Assist possible)				
VIDEO RANGE	Full range (0 - 255)				
TIMECODE	COUNT UP	Rec run, Free run			
	START TIME SETTING	Manual entry, Reset, Set to camera time			
	COUNT INDICATOR	Rec/Play time (Recording and playback time.) Timecode			
	DROP FRAME	Enable, Disable			
MAXIMUM FILE SIZE PER VIDEO CLIP	4GB				
MAXIMUM LENGTH FOR A MOVIE	12 hours				
INTERFACE	VIDEO OUTPUT	HDMI mini OUT terminal (Type C), CEC compatible Audio (stereo)/video (NTSC/PAL selectable) OUT terminal			
	EXTERNAL MICROPHONE IN TERMINAL	3.5mm diameter stereo mini-jack			
	HEADPHONE TERMINAL	Provided			
POWER SUPPLY	BATTERY	LP-E4 or LP-E4N Lithium-Ion battery pack • With the AC Adapter Kit ACK-E4, AC power is possible.			
	EXTERIOR MATERIAL	Magnesium alloy			
BODY	WEIGHT (WITHOUT BATTERY, EYE-CUP OR CARD)	Approx. 1545g/54.5 oz. (Based on CIPA standards) Approx. 1355g/47.8 oz. (Body only**)			
	WEATHER SEALING	Dust and water resistant			
	DIMENSIONS (W X H X D)	6.2 x 6.4 x 3.3 in (158 x 163.6 x 82.7 mm)			

* For automatic AF point selection, the AF point to start the AI Servo AF operation can be selected. For automatic AF point selection, the active AF point can be displayed.

** With date/time function battery

KEY FEATURES/TECHNOLOGY

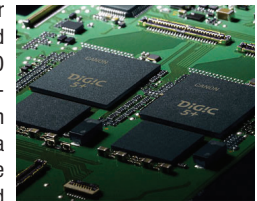
4K Video Recording

4K means four times the resolution of high-definition acquisition for life-like theatrical presentation, film style workflows, post-production versatility, and visual effects. The EOS-1D C shatters the preconceived notions of what 4K means in the market, as well as what HDSLR video is capable of. The camera's 4K acquisition solution and matching workflow are ideal for the cinema industry as it brings the high image-quality that Canon is known for and combines it with an ease of post-production workflow—helping bring 4K imaging to the forefront of Hollywood production.



Dual DIGIC 5+ Image Processors

The EOS-1D C utilizes dual DIGIC 5+ Image Processors for stunning speed and image quality. Each DIGIC 5+ Image Processor contains twin 4-channel A/D converters for outstanding image quality, and refined algorithms reduce noise at high ISO values. The EOS-1D C also applies real-time correction of chromatic aberration and other optical artifacts based on data stored in-camera. Lens data can be added and deleted by using the included EOS Utility software.



Full HD 60p/50p Support

In addition to standard frame rates of 30P, 25P and 24P, the EOS-1D C now enables Full HD recording at 60P and 50P and supports high-speed shooting for slow-motion footage. The camera's built-in LCD monitor can both preview and play back footage at its native frame rate. The EOS-1D C also supports Super 35mm Crop in Full HD at 30P, 25P, and 24P. Image compression is H.264 and HDMI support allows external monitoring and playback of footage independent of shooting mode.

Canon Log Gamma

The EOS-1D C features a log gamma setting that sets the camera to maximize dynamic range and provide wide exposure latitude. The files produced using log format are ideal for post-production processes where corrections, color matching and grading are applied and provides users with a high level of creative freedom in postproduction without substantially degrading the image quality. When using Canon Log, the EOS-1D C can provide a dynamic range up to 800%.

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