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
4K DSLR CINEMA CAMERA
### EOS-1D C 4K DSLR Cinema Camera

**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
- 5280 x 3477 effective pixels

#### Sensor Type
- Full-Frame CMOS Sensor

#### Pixel Size
- 6.95 microns square

#### 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
- 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/3.6

#### AF Area Selection Modes
- 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)

#### AF Point Setting for Vertical/Horizontal Orientation
- Available

#### Focus Modes
- One-Shot AF
- Predictive AI Servo AF*
- Manual Focus

#### Recording Format
- MOV
  - 4K: Motion JPEG
  - Super 35mm Crop, Full 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

<table>
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<th>MOVIE RECORDING RESOLUTIONS (and Frame Rates (Progressive))</th>
<th>Movie-recording Size</th>
<th>NTSC</th>
<th>PAL</th>
<th>Compression Method</th>
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<tbody>
<tr>
<td>4K</td>
<td>(4096x2160)</td>
<td>24 fps</td>
<td>24 fps</td>
<td>JPEG</td>
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<tr>
<td>Super 35mm Crop</td>
<td>[1920x1080]</td>
<td>30 fps</td>
<td>25 fps</td>
<td>ALL-I</td>
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<td></td>
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<td>HD</td>
<td>[1280x720]</td>
<td>60 fps</td>
<td>50 fps</td>
<td>ALL-I</td>
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<td></td>
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<td>24 fps</td>
<td>24 fps</td>
<td>ALL-I</td>
</tr>
<tr>
<td>4K</td>
<td>(640x480)</td>
<td>30 fps</td>
<td>25 fps</td>
<td>JPEG</td>
</tr>
</tbody>
</table>

#### Color Sampling Method
- YCbCr 4:2:2 (I) - 4K
- YCbCr 4:2:2 (I) - Super 35mm Crop, Full HD, HD, SD
- Rec. ITU-R BT.709 - 4K, SD
- Rec. ITU-R BT.709 - Super 35mm Crop, Full HD, HD

#### Image Creation (Progressions)
- Based on current Picture Style
- Canon Log gamma (View Assist possible)

#### Video Range
- Full range (0~255)

#### Timecode
- Rec run, Free run
- Manual entry, Reset, Set to camera time
- Rec/Play time (Recording and playback time), Timecode

#### Payload Size
- Disable, Enable

#### Maximum File Size Per Video Clip
- AGB

#### Maximum Length for a Movie
- 12 hours

#### Video Output
- HDMI mini OUT terminal (Type C), CEC compatible
- Audio internal/video (NTSC/PAL selectable) OUT terminal

#### External Microphone in Terminal
- 3.5mm diameter stereo mini-jack

#### Headphone Terminal
- Provided

#### Power Supply
- LP-E4 or LP-E4N Lithium-ion battery pack
- With the AC Adapter Kit ACK-E4, AC power is possible.

#### Body
- magnesium alloy
- Approx. 1545g/54.5 oz. (Based on CIPA standards)
- Weather sealing
- Dust and water resistant

### Dimensions (W x H x D)
- 6.9 x 4.4 x 3.3 in (175 x 112.3 x 83.0 mm)

### 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 postproduction 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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* 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

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