The EOS-1D.

The mere mention of it conjures an image of a professional camera second to none in the eyes of many. This legendary name is given only to SLRs of the highest quality. The best of the best.

This tradition began with the very first EOS-1D digital SLR in 2001. As the first digital EOS-1 series camera, the EOS-1D revolutionized the photographic industry with its formidable imaging capabilities, and heralded the beginning of the digital era in photography. It was the camera all professionals simply had to have.

This admirable legacy continued with the release of the EOS-1D Mark II in 2004 and the EOS-1D Mark III in 2007, each one of them a revelation in their own right. With each subsequent model, the EOS-1D name shines even brighter and has become synonymous with the highest standard of digital photography.

**THE LEGACY OF ONE**

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**EOS-1D MILESTONES**

- **2001**: EOS-1D
- **2002**: EOS-1Ds
- **2004**: EOS-1D Mark II • EOS-1Ds Mark II
- **2005**: EOS-1D Mark II N
- **2007**: EOS-1D Mark III • EOS-1Ds Mark III
And now the best just got better.

Canon is proud to present the **EOS-1D Mark IV**

a digital single-lens reflex camera that incorporates the latest imaging features and technologies, and packs them into a solidly built body.

This is imaging performance at its absolute finest.
HIGH RESOLUTION
16.1-MEGAPIXEL CMOS

Whether it’s for sports photography, wildlife shooting, or photojournalism, the EOS-1D Mark IV’s newly developed 16.1-megapixel CMOS sensor captures images that make your subjects appear larger than life. This excellent APS-H sensor (1.3x lens crop) ensures every image has crisp details, vivid colors, low noise, and incredible photo clarity.

VERSATILE RAW FORMATS

The EOS-1D Mark IV can capture images in several formats depending on the user’s needs. Images can be captured in 4 JPEG image sizes and 3 RAW image sizes (RAW, M-RAW, S-RAW). Simultaneous RAW+JPEG capture is also possible for all RAW image sizes.

DUAL “DIGIC 4” IMAGING PROCESSORS

Only the best imaging processors can power the impressive imaging capabilities of the EOS-1D Mark IV. This is why the EOS-1D Mark IV incorporates the latest Dual “DIGIC 4” Imaging Processors. These next-generation processors retain the DIGIC III’s fine image detail and natural color reproduction, but provide even faster signal processing to give the camera blazing continuous shooting speeds.

WIDEST ISO SPEED SELECTION

ISO 12800

The EOS-1D Mark IV offers professionals the widest ISO speed selection range ever in an EOS DSLR. Starting from as low as ISO 100 to as high as ISO 12800, the camera delivers impeccable picture quality whether in bright light or dim conditions. ISO speed can also be expanded to an astounding ISO 102,400 (L: 50, H1: 25,600, H2: 51,200, H3: 102,400).

A new ISO Auto option is available for the first time in an EOS-1D camera. When selected, an ISO speed between ISO 100 to 12800 is automatically chosen to obtain a correct exposure for the shutter speed and aperture that have been set.

16.1 MEGAPIXELS

Image Size | Resolution | Pixels
---|---|---
Large | Approx. 16.00 megapixels | 4896 x 3264
Medium 1 | Approx. 12.40 megapixels | 4320 x 2880
Medium 2 | Approx. 8.40 megapixels | 3552 x 2368
Small | Approx. 4.00 megapixels | 2448 x 1632
RAW | Approx. 16.00 megapixels | 4896 x 3264
M-RAW | Approx. 9.00 megapixels | 3672 x 2448
S-RAW | Approx. 4.00 megapixels | 2448 x 1632
45-Point Area AF

To achieve perfect pinpoint focus, the EOS-1D Mark IV incorporates a newly developed, high-precision Area AF sensor with 45 manually selectable AF points. During manual AF point selection, 39 points work as high-sensitivity cross-type points for greater focusing accuracy.

When used with f/4 or faster lenses, the center AF point can focus as a high-precision, cross-type sensor. With f/2.8 or faster lenses, cross-type focusing is possible for all points, with vertical-line detection at f/2.8 light flux, and horizontal-line detection at f/5.6 light flux. Certain EF lenses can also execute cross-type focusing with 39 AF points even with an f/4 maximum aperture.

AF points can be limited to 19, 11, inner 9, or outer 9 points for situations with less precise focusing requirements.

A new Spot AF area mode provides a smaller effective area useful for focusing on tiny details.

Choose from Evaluative, Partial, Center-weighted Averaging, or Spot metering modes. When using Spot Metering, you can select any of the 45 AF points, and even take multiple readings from up to 8 spots.
Peripheral illumination correction effectively eliminates vignetting sometimes seen at the corners of images. This is done by matching the peripheral light falloff characteristics of each lens and automatically correcting it. As each lens has different characteristics, the data must first be registered into the camera with the EOS Utility software. The EOS-1D Mark IV comes with correction data for approximately 25 lenses and can store a total of 40 different lens data. For JPEG images, the light falloff is corrected during image capture. For RAW images, correction can be done with the Digital Photo Professional software.

The Highlight Tone Priority function gives your subjects a better and more lifelike color rendition by extending the dynamic range within highlight areas by about 1 stop. This suppresses the loss of detail in highlight areas and prevents your images from appearing washed out when shooting in bright conditions. When Highlight Tone Priority is enabled, a "D+" symbol is displayed in the viewfinder and on the LCD panel.

The Auto Lighting Optimizer automatically adjusts brightness and contrast levels during image processing to achieve a balanced exposure in both the foreground and background. It can correct underexposed images as well as images with low contrast due to misty or hazy conditions. Three levels of adjustment give you more precise control over correction levels.

COPYRIGHT INFORMATION
With the EOS-1D Mark IV, copyright information can now be registered with the camera. When a picture is taken, the information is recorded as part of the image’s Exif data. Up to 63 characters each can be entered for the photographer’s name and copyright holder’s name.

PICTURE STYLE
Picture Style is an intelligent feature that lets you realize your creative vision easily. It does this by providing smart image presets for a variety of shooting objectives. Choose from 6 standard presets, or create your own with the included Picture Style Editor software.

- **Standard**: A crisp and vivid effect suitable for most scenes.
- **Portrait**: Warm and lifelike skin tones with a softer focus.
- **Landscape**: Enhanced sharpness with vivid blues and greens.
- **Neutral**: Natural color reproduction suitable for print processing.
- **Faithful**: High accuracy color reproduction faithful to the original.
- **Monochrome**: For black & white or sepia images.

Additional Picture Style files can be downloaded from the Canon website.

NOISE REDUCTION FEATURES
While the EOS-1D Mark IV already boasts impressive low-noise performance, it comes with additional noise reduction functions for those who demand nothing but crystal clear images. They can be used when shooting with high speed ISO (4 levels) or when making long exposure shots (4 levels).
LIVE VIEW SHOOTING

By using the EOS-1D Mark IV’s LCD screen to compose your shots, Live View mode opens up a world of new shooting possibilities to you.

LIVE VIEW AF MODES

Live Mode
The camera uses contrast detection to obtain focus at the selected AF point, which can be changed via the multi-controller.

Face Detection Live Mode
Human faces are detected and focused on using contrast AF. If multiple faces are detected, the largest face closest to the center is chosen as the main focus. Alternatively, select which face to focus on using the multi-controller.

Quick Mode
Quick Mode uses phase-difference AF detection to achieve focus at a manually or automatically selected AF point. When obtaining focus, the mirror goes down and the Live View image is momentarily interrupted. It reappears once focus is achieved.

IMAGE VERIFICATION FUNCTIONS

A grid display lets you align your composition more accurately, while the real-time image can be enlarged by 5 or 10 times to ensure proper subject focus. The LCD screen can also simulate different exposure levels and depth-of-field in real-time.

MOVIE FOCUSING MODES

Before you start shooting, you can use any of the Live View AF modes to focus on your subject. You can use Live mode and Face Detection Live mode to focus again during shooting.

SIMULTANEOUS STILL CAPTURE

Because the EOS-1D Mark IV is first and foremost a camera, it can capture stills even in the middle of movie recording. Just press the shutter button completely during movie shooting and the camera will take a still photo instantly.

FULL EXPOSURE CONTROL

By switching to M shooting mode, you get full control over exposure during movie recording. This means you can set the shutter speed, aperture, and ISO speed to achieve a variety of image effects.

FULL HD MOVIE RECORDING

The EOS-1D Mark IV is the first EOS-1 series DSLR that can record movie clips up to a Full HD 1920 x 1080 resolution. A variety of frame rates and movie sizes allow you to select settings that best suit your scene or subject.

BUILT-IN MICROPHONE

Audio is recorded with the built-in monaural microphone located below the EOS-1 logo. For stereo sound recording, an optional stereo microphone can be connected to the camera’s external microphone terminal. The sound recording level is adjusted automatically for both the built-in and external microphones.

PLAYBACK & EDITING

Recorded movies can be viewed on the camera itself or on a TV via the HDMI or AV cable connection. The EOS-1D Mark IV also comes with a movie-editing feature that enables you to edit out the first and last scenes of a movie in 1 sec. increments.
FOR EVERY POINT OF VIEW

VOICE MEMO RECORDING

Pressing the INFO button in shooting mode will display the shooting settings on the LCD monitor. You can also make changes to the settings from this screen by using each function’s respective button.

HIGH QUALITY OPTICAL VIEWFINDER

The EOS-1D Mark IV’s optical viewfinder is designed for maximum visibility. It features 100% coverage, 0.76x magnification (approx.), and a 28.3° angle of view. A laser-matte Ec-C IV focusing screen enables easy focusing, excellent brightness, and a natural background blur. All Ec interchangeable focusing screens can also be used with the camera to achieve greater shooting flexibility.

EXTERNAL FLASH FEATURES

Powered by the E-TTL II autoflash technology, the EOS-1D Mark IV’s flash control uses an improved flash metering algorithm that analyzes lens distance information to ensure optimum exposure even in wide-angle shots. With the Speedlite 580EX II, 430EX II, and 270EX, you can also set flash settings and flash Custom Functions from the camera. Other Speedlites only allow certain settings to be changed.

SHOOTING SETTINGS DISPLAY

Need to remember something about a particular shot - such as the names of the people in it? Using the built-in microphone, you can record a voice memo of up to 30 seconds and attach it to the image file.
Because the EOS-1D Mark IV is made for professionals, we paid great attention to what was important to them while designing it. From its intuitive controls to its ergonomic form and sophisticated appearance, this is a camera made with the user in mind.

**MASTERFUL CAMERA DESIGN**

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**SOLID CAMERA CONSTRUCTION**

To achieve a strong but also lightweight body, the EOS-1D Mark IV’s major external covers, chassis, and mirror box are all made of magnesium alloy. A highly durable baked-on black paint and a textured finish provides you with a confident grip at all times.

**DUST & WATER RESISTANT**

Built to work even in harsh shooting conditions, all camera control seams and external covers are resistant to dust and water. Used together with selected EF lenses and Speedlites that are dust and water resistant, and you have a camera system that functions perfectly regardless of the environment.

**EXCELLENT DURABILITY & EFFICIENCY**

The EOS-1D Mark IV’s shutter unit has been tested to have a durability of 300,000 shutter cycles, while a full battery charge delivers approximately 1500 shots at normal operating temperatures.
When connected to the WFT-E2 II Wireless File Transmitter, the EOS-1D Mark IV can transfer images to a PC, external hard drive or FTP server via a wireless (802.11a/b/g) or Ethernet connection. Using the included EOS Utility software, photographers can also control a wide range of camera settings and capture images remotely over a network connection.

Through the linked shooting function, up to ten slave cameras can be wirelessly connected to a master unit up to 100m away. This allows wildlife and sports photographers to capture a subject from a multitude of different angles.

The WFT-E2 II can also double up as a USB host for the EOS-1D Mark IV. Connect external storage devices such as self-powered HDDs or flash drives to it for more shooting space, or a GPS receiver to record location details in the image’s Exif data.
While the metering is active, this enables/disables the Multi-controller for selecting an AF point.

When [1: Select different AF points] is set, the AF point can be selected separately (automatically or manually) for the 1. Horizontal orientation, 2. Vertical orientation (grip bottom), and 3. Vertical orientation (grip top). The AF point selected for each orientation will be stored in the camera’s memory. When you switch the camera orientation between horizontal and vertical, the AF point will also switch automatically.

THE VERSATILITY

Extensive Range of Canon EF Lenses

The following are new custom functions available in the EOS-1D Mark IV for greater user customization.

C.Fn I -16: AE Microadjustment
Enables the user to fine-adjust the standard exposure level up to ±1 stop in 1/8-stop increments.

C.Fn I -17: FE Microadjustment
For flash photography, the standard flash exposure level can be fine-adjusted up to ±1 stop in 1/8-stop increments.

C.Fn II -4: Auto Lighting Optimizer
Choose from four settings [Standard, Low, Strong, Disable].

C.Fn II -10: INFO. button when shooting
Default setting has been changed to [0: Displays shooting functions].

C.Fn III -3: AI Servo 1st/2nd image priority
The [3: Release/tracking priority] setting has been added. Shutter-release priority (rather than focus priority) is given to the first shot. During continuous shooting (from the second shot onward), focus-tracking of the subject is given priority.

C.Fn III -9: Multi-controller while metering
While the metering is active, the enables/disables the Multi-controller for selecting an AF point.

C.Fn III -16: Orientation-linked AF point
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C.Fn IV -11: Start movie shooting
When [1: Quick start (<FEL> btn.)] is set, you can start shooting a movie just by pressing the FEL button while the camera is ready to shoot.

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As the leading manufacturer of professional photographic equipment and lenses, no one makes imaging optics quite like Canon. With the decades of research and expertise that go into the development of every lens, it’s no wonder Canon EF lenses are trusted by professionals everywhere for their superior optical performance and built quality. The EOS-1D Mark IV works seamlessly with over 50 different lenses ranging from ultra-wide to super telephoto zoom lenses. Whatever your needs, there’s definitely an ideal EF lens for it.