A NEW PERSPECTIVE

EOS 60D
At first glance, a photograph may appear to describe a mere scene; yet upon closer examination, it tells of more than just that. With every image captured, a photographer’s viewpoint is immortalized. Within that very split-second, a personalized tale is depicted through that unique angle.

For the first time in the history of EOS cameras, Canon presents an extremely versatile digital SLR camera with a wide Vari-Angle LCD monitor in the new EOS 60D. The promise of quality is in its 18-megapixel CMOS sensor and the latest DIGIC 4 image processor. You can also elevate the mood you desire by experimenting with the various built-in creative filters.

With its 3-inch wide Vari-Angle LCD, you now have an abundance of possibilities to capture diverse perspectives, the way you envision it.
Revolutionary 18-Megapixel CMOS Sensor

The EOS 60D possesses a powerful CMOS sensor that has an effective resolution of 18 million pixels. Measuring 22.3 mm x 14.9 mm, this APS-C-sized sensor (1.6x lens crop factor) captures everything from the finest color gradations to the tiniest image detail. Working in tandem with the DIGIC 4 image processor, the CMOS sensor delivers superior performance in every imaging aspect from low-light shooting to high-speed continuous shooting and beyond.

Greater Color Range with 14-Bit Processing

To achieve finer color gradation, the EOS 60D uses a 14-bit processor to digitize image data. Witness the difference when processing in any of the RAW format types — more accurate color reproduction and smoother tonal expression. Converting the images to JPEG using Canon’s Digital Photo Professional (DPP) software will also preserve the superb colors captured by the camera.

Over the years, Canon’s EOS digital SLRs have been associated with superior image quality. To uphold this proud tradition set by its predecessors, the EOS 60D boasts of an improved sensor and image processor that keep it at the top of its class.

Improved speeds with DIGIC 4

Featuring the revolutionary DIGIC 4 image processor, the EOS 60D not only retains the best aspects of DIGIC III such as high-speed rendering of fine details and natural color reproduction, it also provides faster signal processing. Besides the ability to capture images at 5.3 frames per second at 18-megapixels, it is also capable of delivering perfect image quality that’s virtually noise-free.

WHERE IMAGINATION IS BROUGHT TO LIFE
Break free from convention and enjoy the freedom to shoot the way you want. No longer are you confined to the limitations of the viewfinder. With a 3-inch wide Vari-Angle LCD and Live View shooting, you can creatively shoot a variety of angles.

**Vari-Angle Clear View LCD monitor**

Get ready to express yourself freely with the new 3-inch wide Vari-Angle Clear View LCD monitor. Its dual-axis hinge enables it to flip out and rotate vertically in either direction. Since the LCD monitor is capable of swivelling 140° across 3 different planes (180° x 3), you can enjoy more compositional freedom by adjusting the screen to a low or high angle or have it face the subject. Simply use the 3-inch wide Vari-Angle Clear View LCD monitor on a tripod or battery grip without having to worry if the screen would get in the way.

The high-resolution LCD monitor (1.04 million dots) lets you shoot or review your images with amazing ease. Coupled with seven adjustable brightness levels and a dual anti-reflection coating, easy viewing is ensured under any light, while a smudge resistant screen prevents grime from building up after a long day’s use.

**Live View Shooting**

The Live View Mode includes innovative features such as exposure simulation, real-time image magnification, silent shooting mode, and Face Detection live mode AF. Easily activated with a press of the dedicated Live View shooting button, the aspect ratio of images can be set to 1:1, 16:9 or 4:3, in addition to the standard 3:2. All this can be easily achieved by using the grid lines displayed on the monitor.

**High-Magnification Viewfinder**

With approximately 96% coverage and a 0.72x magnification ratio, the EOS 60D’s viewfinder is still the ideal framing system for the serious shutterbug. As subjects appear cleaner and larger, composing your image is more precise.
Auto Lighting Optimizer

When shooting in less than ideal lighting conditions, the Auto Lighting Optimizer can automatically adjust the brightness and contrast levels of your images to give you better results.

(i) Shoot by Ambience Selection

1. Standard setting
2. Vivid
3. Soft
4. Vivid
5. Intense
6. Cool
7. Brighter
8. Darker
9. Monochrome

(ii) Shoot by Lighting or Scene Type

1. Default setting
2. Daylight
3. Shade
4. Cloudy
5. Tungsten light
6. Fluorescent light
7. Sunset
8. Sunlight
9. Monochrome

Lens Peripheral Illumination Correction

The built-in Lens Peripheral Illumination Correction function removes any “vignetting” caused by certain lenses. With an effective correction adjustment for each lens, this data must first be registered into the camera before it can be set to automatically carry out image correction.

Highlight Tone Priority

Highlight Tone Priority preserves images shot in very bright light from appearing washed out by expanding its gradation range within highlighted areas. As a result, the overall image is more pleasing to the eye with color rendition appearing more lifelike.

Low-Light Shooting (ISO 12800)

with Noise Reduction

The EOS 60D features an improved ISO speed range of ISO 100-6400 in 1/3-stop increments, and can be expanded to ISO 12800. Set a limit for the maximum ISO speed during automatic ISO speed selection while in Creative Zone modes.
Have fun even after shooting

After shooting the images you fancy, enhance your photographic experience with the medley of dynamic built-in features. In addition to Picture Style, the new creative filters and in-camera raw processing will elevate your creative expression.

Creative Filters

Creative filters are a great way to add more punch to your photographic narrative. Simply apply one of the four filters to your original exposure to see the dramatic change in visuals. Feel free to stack one filter on top of another to realize your artistic direction.

In-camera RAW processing

For a smoother workflow after shooting, RAW images can be processed in-camera then saved as JPEG images. This lets you modify images without the need for a PC and perform post-processing operations like playback and direct printing.

Parameters which can be adjusted using In-camera RAW processing:

- Brightness
- White balance
- Picture Style
- Auto Lighting Optimizer
- Noise reduction at high ISO settings
- JPEG recording
- Color space
- Peripheral Illumination Correction
- Distortion compensation
- Chromatic aberration compensation

Picture Style

Picture Style lets you enhance your images and videos with effects that match your subject of photographic expression. Choose from six pre-loaded options or download more from the Canon website. Or even create your own Picture Style files using the bundled Picture Style Editor software.

- Standard: For vivid, sharp, and crisp images. Suitable for most scenes.
- Portrait: For nice, soft skin tones that emit a healthy glow.
- Landscape: For vivid blue skies and greenery, and very sharp and crisp images.
- Neutral: Natural color reproduction with subdued tones. Ideal for post processing.
- Faithful: For the most accurate color reproduction. Suitable for post processing.
- Monochrome: For black-and-white or sepia images. Filter and toning effects are available too.

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SOFT FOCUS

Produces silhouettes with a soft, glowing look while maintaining colors and focus, presenting a dramatic way to present flowers, butterflies, landscapes after rain, and so on.

GRUNGY BLACK & WHITE

Casual scenes can be made into dramatic images with striking impact, as it looks like they were shot on traditional film with emphasis on contrast and grain.

TOY CAMERA EFFECT

Creates the illusion as though images were shot using a toy camera, vignette and with some degree of color shift.

MINIATURE EFFECT

This effect adds drama to ordinary scenes by producing images that look like photographs of miniature models with your choice of selective focus.

Creative Filters

9

In-camera RAW processing

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High-Speed Continuous Shooting

Able to shoot continuously at a rate of 5.3 frames per second, the EOS 60D can help capture the desired moment vividly. Even though the number of pixels have greatly increased to 18 million, the advanced DIGIC 4 processor ensures quick shooting remains a breeze.

Maximum burst during high-speed continuous shooting is approximately 58 shots in JPEG (Large/Fine) and approximately 16 shots in RAW.

1/8000 sec. Maximum Shutter Speed

An excellent shutter speed range of 1/8000 sec. to 30 seconds (or longer with Bulb mode) lets you capture everything from a thrilling car race to magnificent fireworks. X-sync speed is rated at 1/250 sec.

0.1 sec. Start-up Time

With an instantaneous start-up time of just 0.1 sec., the EOS 60D will always be ready for shooting the moment you want it.

SWIFT RESULTS
WITH PRECISION

Whether you’re shooting lightning quick action or an extremely detailed scene, the powerfully accurate and fast EOS 60D has what it takes to capture what you want the way you want it.

High Precision 9-point AF Sensor

To achieve superb focusing accuracy, the EOS 60D employs a powerful and high-precision AF system that features 9 cross-type AF points. When using lenses with apertures of f/5.6 and above, all AF points operate as cross-type points. At f/2.8, the center AF point also becomes horizontally and vertically sensitive for even greater focusing precision.
TELL IT THROUGH MOVING IMAGES

EOS Movie

When still images stop short of telling the stories you want, exploit the advantages of movie recording with the EOS 60D. Craft that dramatic story you have in mind with videos possessing resolution of up to Full HD 1920 x 1080 at 30p/25p/24pP. And when paired with the vast array of compatible EF lenses, you can fulfill your storytelling needs by shooting captivating and brilliant footage.

You can also shoot movies in manual (M) mode, which gives you full control over every aspect of exposure. This means you can choose from different metering modes, shutter speeds and aperture settings to get the movie effect you desire.

The following recording sizes and frame rates are selectable for video recording.

- Full HD 1920 x 1080 pixels (30/25/24 fps)
  Delivers a film-like finish to your videos
- HD 1280 x 720 pixels (60/50 fps)
  Delivers smooth movies at 60/50 fps progressive
- SD 640 x 480 pixels (60/50 fps)
  For easy uploading to movie-sharing websites and more

Full HD movie

Simultaneous shooting

When you press the shutter button while recording a movie, you get to capture a still image of the scene, with quality higher than those extracted from movies.

Movie Crop

Even without a telephoto lens at hand, the Movie Crop function allows you record SD videos with an approximately 7x magnification. This makes it effective for shooting subjects at a distance such as a stage performance.

Simple In-camera Movie Editing

Unnecessary scenes can be deleted and the start or end points of movies can be designated via in-camera editing functions.

Versatile Audio input settings

The audio input level can be set to Auto or Manual (34 levels) and Wind Cut to ON or OFF.

DESIRED SCENE!
Built upon the traditional EOS design of robustness and extreme precision, the EOS 60D adds numerous details that express sharpness and intelligence with the effective use of continuous curves to create a fresh new form.

A SOLID DESIGN

EOS Integrated Cleaning System

Headlined by the Self Cleaning Sensor Unit, this component uses tiny ultrasonic vibrations to remove any dust particles adhering to the low-pass filter. A fluorine coating on the filter provides further resistance to dust.

Stubborn dust that does not fall off easily is handled by the Dust Delete Function of the bundled software. This function is effective against dust that cannot be removed by the Self-Cleaning Sensor Unit.

Built to Last

At 100,000-cycle durability*, the EOS 60D’s shutter can sustain a reliable imaging performance for extended periods. Its robust body also keeps out dust and water**, allowing it to withstand the rigors of day-to-day shooting.

*Shutter durability may vary depending on usage and environmental conditions
**EOS cameras are water and dust resistant, however, it is not recommended for use in rain.

SD card as a recording media

The EOS 60D uses SD/SDHC/SDXC memory cards as its recording media. Compatibility with the SDXC cards allows for higher memory capacities and easy transfer of files to various devices.

Ease of operability

Whether you’re holding the camera vertically or horizontally, the convenient multicontrol dial makes it easy to change the settings with less finger movement and more user-friendly operation. Buttons have been repositioned to enable swifter and easier single-handed operation while those on the top feature one function per button for easier operation.

Added Illumination

When the need for extra light arises, the EOS 60D’s built-in flash and hot shoe mount can be counted on for illumination in low-light situations. The EOS 60D comes with an integrated Speedlite Transmitter, which can wirelessly control external flash units, allowing for a more versatile lighting set-up.

Electronic Level

Ensure accurate and smooth leveling with the built-in electronic level that facilitates horizontal-axis correction, by providing a precise way to view the degree of tilt. It can be displayed on the LCD monitor or the viewfinder and can be superimposed on the screen during Live View or movie preview.

High Temperature Warning

When temperatures within the camera become too high, image quality for still photos might be degraded. The camera would take precautions with warning icons or automatically shutting down to prevent any damages and maintain image quality.

Quick Control Screen

The Quick Control feature offers you a whole new way of adjusting camera settings when shooting. Easily accessible with a dedicated Quick Control button, a Quick Control screen with all the key image settings will appear on the LCD screen.

Building on the EOS 60D’s features, the EOS 50D includes an improved memory card slot that supports the SDXC card.

SD card as a recording media

The EOS 50D uses SD/SDHC/SDXC memory cards as its recording media. Compatibility with the SDXC cards allows for higher memory capacities and easy transfer of files to various devices.
Once you’re done shooting, it’s time to take a better look at your images. The EOS 60D offers several quick and convenient ways to do it this.

**Printing Images Without A Computer**
The EOS 60D offers an unprecedented level of control over image optimization with its PictBridge printing features. Connecting the camera to a PictBridge printer enables you to perform the following in-camera functions:

- Adjust image contrast, brightness, saturation, color tone, color balance (with previews).
- Face brightener and red-eye correction.
- Tilt correction (±10° in 0.5° increments).
- Horizontal and vertical image trimming.
- Border or borderless printing; multiple image layouts.

**Transferring Images**
The EOS 60D’s USB2.0 Hi-Speed port lets you transfer images to any connected computer in double-quick time.

**High-Definition Multimedia Interface (HDMI)**
The built-in mini-HDMI terminal allows you to view magnificent high-definition images from the EOS 60D on any HD display. When the camera detects a connection to a HDMI-compatible display, image output resolution is set automatically to match the connected TV.
THE EOS ADVANTAGE

With over 60 high-quality EF lenses to choose from, as well as dozens of accessories such as battery grips and external flashes, the comprehensive selection of lenses and accessories ensures that the EOS System has everything you need to accomplish your shooting objectives and more.

Canon EF Lenses
Canon EF lenses utilize advanced optical expertise and micron-precision engineering so that every high-quality lens is manufactured to give you superior image clarity. For those wanting the very best in optical imaging, Canon’s acclaimed L Series lenses are manufactured with top-grade materials including aspherical, ultra-low-dispersion optics and fluorite elements to deliver excellent optical performance results — giving you an unparalleled image quality.

EX Speedlites
Using the advanced E-TTL II (Evaluative Through-The-Lens) flash metering system, Canon’s range of EX Speedlites offer natural-looking subjects and backgrounds with the perfect balance between flash and ambient light. Speedlites like the 580EX II, 430EX II and 270EX perfectly complement the EOS 60D and come with handy features that make flash photography a breeze.

An Improved Battery Grip
The newly designed BG-E9 allows the battery packs to be installed in a vertical orientation such that it is not as bulky now. It is made wider for vertical shooting as the part where the fingers clasp the grip is now smoother with a shape easier to hold onto. Its design ensures that the camera’s power will not be turned on when the handle is in the release position. The BG-E9 can be powered by up to two LP-E6 Battery Packs or six AA-sized batteries.

Lens-Based Image Stabilization
Canon’s Optical Image Stabilizer (IS) technology helps to ensure your images are steady even when you are not. Using motion sensors and a high-speed micro-computer built directly into the lens, the IS system is able to analyse vibrations and apply correction via a special stabilizing lens group. As a result, you get blur-free images that are sharp and steady.

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**EOS 60D NOMENCLATURE**

- **Red-eye Reduction / Self-timer Lamp Compartment**
- **Original Data Security Tools**
- **Shutter Button**
- **Main Dial**
- **Microphone**
- **Mode Dial**
- **Power Switch**
- **Strap Mount**
- **LCD Monitor**
- **Menu Button**
- **Erase Button**
- **Info Button**
- **Dioptric Adjustment Knob**
- **AF-assist Beam**
- **AF Start Button**
- **Metering Mode Selection Button**
- **AF Point Selection / AF-assist beam firing**
- **Built-in dioptric adjustment**: -3.0 - +1.0 m⁻¹ (dpt)
- **Eye point**: Approx. 22 mm (From eyepiece lens center at -1m⁻¹)
- **M-RAW**: Approx. 10.10 megapixels (3888 x 2592)
- **S3 (Small 3)**: Approx. 350,000 pixels (720 x 480)
- **S2 (Small 2)**: Approx. 2.50 megapixels (1920 x 1280)
- **Medium**: Approx. 8.00 megapixels (3456 x 2304)
- **Recorded pixels**: Large: Approx. 17.90 megapixels (5184 x 3456)
- **Image type**: JPEG, RAW (14-bit Canon original)
- **Compatible lenses**: Canon EF lenses (including EF-S lenses)
- **Recording media**: SD memory card, SDHC memory card, SDXC memory card
- **My Menu registration**: Possible
- **Custom Functions**: 20
- **Printable images**: JPEG and RAW images
- **Direct Printing**
- **Ratings**: Provided
- **Highlight alert**: Overexposed highlights blink
- **Zoom magnification**: Approx. 1.5x - 10x
- **Image display formats**: Single image, Single image + Info (Basic info, detailed info, histogram), 4-image
- **Interface languages**: 25
- **Brightness adjustment**: Manual (7 levels)
- **Angle adjustment**: Possible
- **Type**: TFT color, liquid-crystal monitor
- **Sound recording**: Built-in monaural microphone
- **ISO speed**: Automatically set within ISO 100 – 6400
- **Exposure compensation**: ±3 stops in 1/3-stop increments (Still photos: ±5 stops)
- **Exposure control**: Program AE (exposure compensation possible) for movies, manual exposure
- **Focusing**: Same as focusing with Live View shooting
- **Variable (average) bit rate**
- **Aspect ratio settings**: 3:2, 4:3, 16:9, 1:1
- **Audio recording format**: Linear PCM
- **Audio/video OUT**: (Recommended With manual exposure, ISO 100 - 6400 set)
- **Recording format**: MOV
- **HDMI mini OUT terminal**: Type C (Auto switching of resolution), CEC-compatible
- **IN terminal**: 3.5mm dia. stereo mini-jack
- **Remote control terminal**: For Remote Switch RS-60E3
- **Battery life**: With viewfinder shooting:
- ***With Battery Grip BG-E9 attached, size-AA/LR6 batteries can be used**
- **Battery**: Battery Pack LP-E6 (Quantity 1)
- **Remote control**: RC-6
- **Battery Grip**: BG-E9
- **Weight**: Approx. 125 g / 4.4 oz. (excluding power cord)
- **Power cord length**: Approx. 1 m / 3.3 ft.
- **Compatible battery**: Battery Pack LP-E6
- **Battery capacity**: 1800 mAh
- **Type**: Rechargeable lithium-ion battery
- **Working temperature range**: 0°C - 40°C / 32°F - 104°F
- ***Figures are based on Canon's testing standards (ISO 100 and Standard Picture control, 2-sec. self-timer/remote control**

**EOS 60D BUNDLED APPLICATIONS**

- **Canon EOS Digital Solution Disk**
  - Zoom Browser EX / ImageBrowser (Win/Mac)
  - Digital Photo Professional (Win/Mac)
  - EOS Utility (Win/Mac)
  - Original Data Security Tools (Win/Mac)
  - My Movie Maker (Win/Mac)
  - RAW DIRECT (Win/Mac)
  - Memory Card Utility (Win/Mac)

**CUSTOM FUNCTIONS**

C.Fn 1 Exposure
1. Exposure level increments
2. ISO speed setting increments
3. Exposure compensation
4.翔行・auto cancel
5. Color temperature setting
6. Safety shift
7. Flash sync speed in Ap mode

C.Fn 2 Image
1. Long exposure noise reduction
2. High ISO speed noise reduction
3. Highlight tone priority
4. AF-assist beam firing

C.Fn 3 AF Assist/Drive
1. Lens drive when AF impossible
2. AF point selection method
3. Superimposed display
4. AF and metering
5. AF-assist beam

C.Fn 4 Operation/View
1. AF and metering buttons
2. AF area selection
3. Dial direction during Tv/Av
4. Focusing screen
5. Add image verification data

**SPECIFICATIONS**

- **Image Sensor**: 17.90 megapixels (5184 x 3456)
- **JPEG**: Approx. 3000 images (Large), Approx. 5000 images (S1, S2, S3), Approx. 6500 images (S2)
- **RAW (14-bit Canon original)**: Approx. 1000 images (Large)
- **Picture Style**: Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3
- **Basic+**: Shoot by ambience, Shoot by lighting or scene type
- **F-Stop Display**: Only when an f-stop is set
- **AE Lock**: Auto: Applied in One-Shot AF mode with evaluative metering when focus is achieved
- **AEB**: ±3 stops in 1/3- or 1/2-stop increments (Can be combined with manual exposure index) (1/3-stop increments), ISO 100 - 6400 set automatically, or ISO expansion to “H”
- **AF-assist beam**: Small series of flashes fired by built-in flash
- **Metering range**: EV -0.5 - 18 (at 23°C/73°F, ISO 100)
- **AF Point**: 9 points, 15 points
- **AF and metering buttons**: Power switch, Main dial, Quick Control dial, Multi-controller
- **Drive Mode**: Single, Continuous, Quiet, Silent
- **Focus Area Lock**: Possible
- **Face Detection**: Possible
- **Flash**: E-TTL II (i-TTL) flash
- **Flash compatibility**: EX-series Speedlite (Flash functions settable with the camera)
- **Shutter speeds**: 1/8000 sec. to 1/60 sec. (Full Auto mode), 1/30 sec. to 1/8000 sec. (Movie mode)
- **ISO speed**: ISO 100 - 6400, ISO 100 - 12800 (Recommended With manual exposure, ISO 100 - 6400 set)
- **Exposure control**: Program AE (Full Auto, Flash Off, Creative Auto, Portrait, Landscape, Close-up, Manual), Manual exposure
- **Metering range**: EV 1 - 20 (at 23°C/73°F with EF50mm f/1.4 USM lens, ISO 100)
- **• Center-weighted average metering
• Partial metering (approx. 6.5% of viewfinder at center)**
- **AF-assist beam**: Small series of flashes fired by built-in flash
- **Metering range**: EV -0.5 - 18 (at 23°C/73°F, ISO 100)
- **AF-assist beam**: Single flash, Series of flashes
- **AF start**: Possible
- **Highlight alert**: Overexposed highlights blink
- **Zoom magnification**: Approx. 1.5x - 10x
- **Image display formats**: Single image, Single image + Info (Basic info, detailed info, histogram), 4-image
- **Image display**: Single image, Single image + Info, All Images, By Date, By Folder, Movies, Stills, By Rate
- **Playback**: All images, by date, by folder, movies, stills, or by rating
- **Image Size**: Large, Large w/ Info, Medium, Medium w/ Info, Small, Small w/ Info, S1, S2, S3
- **Image display**: Single image, Single image + Info
- **Battery life**: With viewfinder shooting:
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**SYSTEM CHART**

- **Recording**: Digital Still Camera, Digital Video Camera
- **Recording media**: SD memory card, SDHC memory card, SDXC memory card
- **Shutter speed**: 1/8000 sec. to 1/60 sec. (Full Auto mode), 1/30 sec. to 1/8000 sec. (Movie mode)
- **ISO speed**: ISO 100 - 6400, ISO 100 - 12800 (Recommended With manual exposure, ISO 100 - 6400 set)
- **Exposure control**: Program AE (Full Auto, Flash Off, Creative Auto, Portrait, Landscape, Close-up, Manual), Manual exposure
- **Metering range**: EV 1 - 20 (at 23°C/73°F with EF50mm f/1.4 USM lens, ISO 100)
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**Note:** The information provided is a translation of the original content. Some technical terms and specifications may be subject to change. Always refer to the official Canon documentation for the most accurate and up-to-date information.