

Point-and-shoot camera got you bored and listless? Want a camera that delivers professional-level photos? Need to take control? OK, relax--Canon's EOS 60D DSLR Camera Kit with Canon EF-S 18-200mm Lens has you covered. The lightweight EOS 60D has an 18MP APS-C CMOS sensor, an articulated 3" Clear View LCD, full 1920 x 1080 HD video, and an 18-200mm lens (equivalent to 29-320mm in 35mm format) that delivers great results, from wide-angle landscapes to portraits to telephoto sports action shots. There's your high-resolution, top-grade video, one-lens-does-it-all package.

But it's the details that make this a must-have camera for the upwardly mobile photographer. The 60D's viewfinder gives you 96% coverage for precise framing; the vari-angle LCD helps in shooting from high or low angles; sensitivity to light runs from 100 ISO all the way up to 6400 ISO (expandable to 12,800 ISO); there's continuous shooting up to 5.3 fps; and you can shoot in JPEG and/or RAW (with in-camera RAW processing). A 63-zone dual-layer metering system and a precision 9-point autofocus system mean you can shoot stills or video on auto with complete confidence.

Or, you can take over, with user-friendly manual control (stills and video), to explore all of the possibilities. Options like an external stereo mic connection, manual and auto gain control, in-camera editing, a number of recording resolutions to choose from, and an HDMI output for viewing your videos (and photographs) on an HD TV will make your videos come to life.

Canon's DIGIC 4 Image Processor provides the benefits of fast shooting speeds, in-camera RAW image processing, creative filters like "Grainy Black-and-White" and "Soft Focus Effect" that allow you to add an artistic touch to your images, image resizing, and other exciting in-camera features. Enhanced Face Detection Live Mode, Auto Lighting Optimizer, and Lens Peripheral Optimization are other features of DIGIC 4.

With the options available, the 60D far surpasses expectations--for instance, all Canon EF and EF-S lenses will work with the 60D, and you can take advantage of the 60D's built-in E-TTL II program with an optional Canon EX Speedlite (such as the powerful 430EX II) for amazing flash photography.

Kit Includes the Canon EF-S 18-200mm Lens  
Wide Focal Range

\* With 74.2° to 7.5° angle-of-view, the Canon EF-S 18-200mm f/3.5-5.6 IS Lens offers excellent wide angle to telephoto focal lengths with Canon APS-C EOS Digital DSLRs

Optical Image Stabilization

\* Canon's Image Stabilization system allows you to shoot sharp images with a 4-stop advantage under less-than-optimum lighting conditions

Optimized for Canon APS-C Sensor Cameras

\* As with all Canon EF-S optics, the Canon EF-S 18-200mm f/3.5-5.6 IS Lens is designed to deliver optimum sharpness edge-to-edge when used with Canon APS-C format DSLRs

18MP CMOS Sensor and DIGIC 4 Imaging Processor

The EOS 60D features a Canon-designed 18MP APS-C size CMOS sensor that captures such a high level of resolution; it's easy to crop images for enlargement without concern of losing detail. A major factor in

reducing noise, the CMOS sensor assures that images shot at highest sensitivity will be remarkably smooth

The improved DIGIC 4 Image Processor ensures that images are captured, processed and saved with remarkable speed. The EOS 60D DSLR's new 3:2 multiple aspect ratio, in-camera RAW image processing, creative filters, image resizing and provided S2 and S3 image-recording quality are all possible thanks to the DIGIC 4 Image Processor. With dazzling results, the new DIGIC 4 Image Processor also works to capture and process data of images shot at 18MP at 5.3 fps, as well as 14-bit signal processing for excellent image gradation, enhanced Face Detection Live mode, Full HD video recording, Auto Lighting Optimizer and Lens Peripheral Optimization

#### Vari-Angle 3" Clear View LCD Monitor

The EOS 60D features a bright, high resolution, flip-out Vari-angle 3.0-inch Clear View LCD monitor for shooting at a variety of angles. By easily switching between low and high angles, the EOS 60D freely enables angle adjustments even if the camera is mounted on a tripod or has a battery grip attached

With 1,040,000 (dots/VGA) pixels for spectacular detail, the advanced, smudge-resistant monitor includes high transparency materials plus anti-reflective and water-repellent coatings to provide clear and bright viewing. Superb for reviewing, editing and deleting photos or composing new images in Live View function, the Vari-angle Clear View LCD monitor also allows access to camera settings like ISO, metering modes, AF Point selection, the horizontal Electronic Level and flash options

#### EOS HD Video

The EOS 60D features HD Video capture technologies - manual exposure control for more creative control, for example - borrowed directly from professional Canon DSLRs to capture stellar video with all the benefits of shooting with a DSLR. By shooting video with the EOS 60D, photographers as well as filmmakers can take advantage of the creative features native to DSLR cameras. Along with its manual controls, the EOS 60D allows for full use of Canon EF and EF-S lenses, including macro and fisheye, providing a plethora of shooting options once reserved only for still photography. The resulting HD video is a standout in its beautiful depth-of-field characteristics and remarkable capture capability under poor lighting conditions. Additionally, a Movie Crop function is included: An SD-quality video (640 x 480) can be cropped to the equivalent of about 7x magnification of regular shooting

The audio input level feature offers both manual and auto gain control, up to 64 levels, and a wind filter minimizes unwanted background noise. By pressing the Quick Control button, a simple graphic user interface for adjusting image quality, white balance, image creation and other settings appears on the LCD. The EOS 60D even lets users edit video in-camera: On-site or off, unnecessary scenes can be deleted and the start/end points of video footage can be designated via in-camera editing functions without the need of a separate computer

Video can be captured at a number of resolutions and frame rates for numerous applications. It can capture 1920 x 1080 Full HD video at frame rates of 30 (29.97 fps), 24 (23.976 fps) and 25 frames per second, for up to 4GB per clip. Video footage is saved as MOV files and can be viewed in Full HD through the EOS 60D DSLR's HDMI output. Other recording sizes include HD at 1280 x 720 (50/60 fps) or SD/VGA at 640 x 480 (50/60 fps) -24/30 fps delivers cinema-like motion, while 60 fps is perfect for footage being uploaded to video-sharing websites. The EOS 60D also has a built-in microphone for simple mono recording and stereo sound can be recorded through a self-powered external microphone

### High ISO Sensitivity

With a broad range of ISO settings, expandable up to 6400 in the auto setting and 12800 with the custom function, the EOS 60D enables shooting from sunrise to sunset and helps ensure capture of the finest detail. With enhanced high-sensitivity optimization, subjects can be captured clearly and easily at high shutter speeds without flash, with minimized blur and noise. In bright scenes, especially long exposures in daylight, optimal exposure can be achieved with a fully open wide-diameter lens, no dark filter needed

### 5.3 fps Continuous Shooting

With a 0.1 second start-up time, speedy autofocus, and minimal shutter lag, the EOS 60D is made to capture even rapidly-occurring scenes with stunning precision. Able to shoot up to 5.3 frames per second (fps), capturing a maximum burst of approximately 58 Large/JPEGs and 16 RAW, the EOS 60D DSLR lets you catch even the briefest of moments, whether it's a faced-paced soccer game or the flicker of a candle flame

### 96% Viewfinder Coverage

The EOS 60D features a redesigned viewfinder that not only offers 96% coverage, 0.95x magnification, a 27° angle of view and user-controlled dioptic adjustment, it also features a transparent LCD display that enables a number of viewfinder displays. A six-level battery check indicator has been added on the left, and the exposure level indicator scale has been expanded to up to three stops, with arrows indicating greater exposure levels

The EOS 60D also features a horizontal Electronic Level, that, when activated, is superimposed on the LCD monitor to aid in achieving evenly leveled shots by indicating the horizontal tilt up to approximately 9° in 1° increments

### Enhanced iFCL 63-Zone Dual-Layer Metering System and 9-Point AF System

The EOS 60D features a 63-zone dual-layer sensor designed to complement the 9-point AF system. By taking into account the color and luminosity surrounding chosen AF points, this system delivers an advanced level of accuracy for stunning results even in difficult lighting situations. Since the metering sensor has a color measurement function, exposure errors and focus errors caused by different light sources are minimized; the EOS 60D gives stable exposure from shot to shot in situations where light changes, such as in a theater or concert hall. This makes the EOS 60D ideal for scenes with extreme difference in brightness such as brightly lit scenes or backlit scenes; the camera balances exposure of the main subject at the background, and exposures are not overly influenced by bright areas in the shot. Since the EOS 60D provides high-speed X-sync ("X-sync" means the fastest shutter speed that can synchronize with a flash burst at the moment the shutter is fully released) up to 1/250 sec., the range of photographic expression is dramatically increased, allowing the EOS 60D to be used with confidence in bright scenes or dim

### In-Camera Technologies for a Streamline Workflow

The EOS 60D marks a highpoint in convenience for the photographer by being able to shoot an image as a RAW file and then process it entirely in-camera to produce a separate JPEG file without the need of an outside computer. The EOS 60D gives you 10 process variables - brightness adjustment, white balance, Picture Style, Auto Lighting Optimizer, noise reduction, JPEG image-recording quality, color space, lens peripheral illumination correction, distortion correction, and chromatic aberrations correction - to create the image you envision, set to the 3:2 aspect ratio used in 35mm film

Additionally, once you capture an image with the EOS 60D, you can digitally manipulate it in-camera with a number of creative filters for artistic and dramatic effect. Options include Soft Focus Effect to convey dreamy tableaux; Grainy Black-and-White Effect for a gritty, hard-bitten look; Toy Camera Effect - the deliberate vignetting and color shift technique popular in art photography - and Miniature Effect, which blurs the top and bottom edges of the image to emphasize perspective and conveys a miniaturized look of the scene

#### Flexible Storage with Memory Cards

The EOS 60D DSLR uses popular SD, SDHC and SDXC memory cards. Compact, inexpensive and available in increasingly large capacities, SD, SDHC and SDXC memory cards are a nice complement to the EOS 60D DSLR's compact and lightweight body design

The 60D can also give you the option to store recordings to external media sources like USB 2.0 or Wireless LAN/Eye-Fi card (Canon cameras are not guaranteed to support Eye-Fi card functions, including wireless transfer)

#### Compatible with Canon EF and EF-S Lenses

The EOS 60D is compatible with all Canon lenses in the EF and EF-S lineup, ranging from ultra-wide angle to super telephoto lenses. Canon lenses employ advanced optical expertise and micron-precision engineering to deliver unprecedented performance in all facets of the photographic process. Special optical technologies, such as aspherical, ultra-low dispersion, or fluorite elements are featured in the universally acclaimed L-series lenses. And Canon's Optical Image Stabilizer technology is featured in select lenses to minimize the effect of camera shake. Additionally, photographers can use for video the same lenses they do for still photography; Canon wide-angle, macro, super-telephoto, tilt-shift and fisheye lenses provide a wealth of focal lengths, depth-of-field and other creative shooting options once reserved for stills

#### Flash Photography

With a flash sync speed of 1/250 of a second, the EOS 60D features the E-TTL II flash metering system. With any of the optional flashes in the EX Speedlite line, E-TTL II provides reliable flash output whether shooting fill-in flash pictures in sunlight, or using flash in total darkness. With E-TTL II, the exact same 35-zone metering sensor used for measuring ambient light is also used for flash metering - giving even finer metering command of the image area. If you prefer a broader area for flash metering, there's a menu setting to change to "Average" flash metering - where the entire 35-zone area is measured evenly for flash exposure. Additionally, the EOS 60D has a Speedlite transmitter built-in for convenient, full-featured wireless control of EX-series Speedlite flashes set as slave units

The optional Canon Speedlite 430EX II is a step-up accessory for powerful flash shooting with the EOS 60D. It has excellent flash power (maximum guide number of 141'/43m at ISO 100), and is the perfect way to get great flash pictures when you can't get right up to the subject. The 430EX II is also great for bounce flash, with its tilting and swiveling flash head. It automatically zooms the flash head to cover lenses ranging from 16mm up to 105mm or longer with the EOS 60D. Of course, it works with the camera to provide full E-TTL II automatic flash exposure. And the 430EX II has a powerful AF-assist beam, which allows the camera to autofocus even in total darkness on subjects as far as 32 ft. from the camera

#### Powerful Bundled Software

The EOS 60D comes bundled with an updated Canon EOS Digital Solution Disk, which features powerful software programs designed to extend the EOS experience to the computer. These include Canon's EOS Utility (Version 2.9.0), Digital Photo Professional (Version 3.9.1), ZoomBrowser EX for Windows (Version 6.6.0), ImageBrowser for Macintosh OS X (Version 6.6.0), the Picture Style Editor (Version 1.8.0), PhotoStitch (Version W: 3.1.22/M: 3.4.4), WFT Utility (version 3.5.1), Memory Card Utility (Version 1.4), WFT Utility (Version 3.5.1), Original Data Security Tools (Version 1.9.0). Each application is designed to make captured images look their best and to streamline the workflow.

## **SPECIFICATIONS**

Camera Type DSLR (digital single-lens reflex)

Imaging

Resolution Effective: 18MP

Recorded: 17.9MP

Sensor 0.88 x 0.59" (22.3 x 14.9mm) APS-C CMOS

Bit Depth 14-bit

File Formats JPEG, RAW, S-RAW, M-RAW, RAW+JPEG, MOV

Simultaneous recording: sRAW+JPEG

File Size

1

All file sizes are "approximate"

close

Large/Fine: 17.9MP (5184 x 3456)

Medium/Fine: 8MP (3456 x 2304)

Small 1/Normal: 4.5MP (2592 x 1728)

Small 2/Fine: 2.5MP (1920 x 1280)

Small 3/Fine: 0.35MP (720 x 480)

RAW: 17.9MP (5184 x 3456)

M-RAW: 10.10MP (3888 x 2592)

S-RAW: 4.5MP (2592 x 1728)

Color Spaces sRGB, Adobe RGB, Wide Gamut RGB

Image Stabilization Possible with IS lens

Crop Factor 1.6

#### Optics

Lens EF-S 18-200mm

Zoom 5-group helical zoom (rotational angle 80°)

Lens Mount Canon EF Mount

Compatible with Canon EF lenses - including EF-S lenses

Focus Type Auto and manual focus

Focus Range Minimum focus distance: 1.48' (0.45m)

Accessory Lens/Filter Mount 72mm

#### Shooting Controls

Sensitivity ISO 100-6400 (in 1/3-stop or whole-stop increments)

ISO 12800 can be enabled with a custom function

Shutter Speeds 1/8000 to 30 seconds, bulb - X-sync at 1/250 (range varies by shooting mode)

Metering Evaluative, partial, spot, center-weighted

Exposure Modes Manual, Program AE, Shutter-priority AE, Aperture-priority AE, Bulb, Full Auto, Flash Off, Creative Auto Programmed Image Control modes (Portrait, Landscape, Close-up, Sports, Night Portrait) E-TTL II Autoflash Program AE (Evaluative metering, Averaged metering)

White Balance Auto, Daylight, Shade, Cloudy, Tungsten Light, White Fluorescent Light, Flash, Custom, Color Temperature setting

Mirror Lock-Up Yes

Burst Capability High-speed: Maximum of 5.3 shots per second

Low-speed: Maximum of 3 shots per second

Self Timer Yes

Interval Recording Not specified by manufacturer

Remote Control Yes

For remote switch RS-60E3

## Flash

Built-in Flash Yes, E-TTL II autoflash

Effective Flash Range Up to 43' (13m)

External Flash Connection Hot shoe

Dedicated Flash System Canon Ex-series Speedlites

Max Sync Speed 1/250

## Memory

Built-in Memory N/A

Memory Card Type SD/SDHC/SDXC External media: USB v2.0 hard drive or Wireless LAN Eye-Fi card  
Canon cameras are not guaranteed to support Eye-Fi card functions, including wireless transfer

## A/V Recording

Recording Formats MPEG4 AVC/H.264 - MOV

Video Recording Yes

Video Resolution 1920 x 1080 (30/25/24fps) 1280 x 720 (60/50fps) 640 x 480 - movie crop (60/50fps)

Video Clip Length 11 minutes for 1920 x 1080 and 1280 x 720 22 minutes for 640 x 480 and cropped 640 x 480

Audio Recording Internal monaural microphone Audio input (3.5mm stereo mini external microphone input) Auto and manual gain control

## Viewfinder/Display

Viewfinder Type Eye-level pentaprism

Viewfinder Coverage Vertical/horizontal approximately 96%

Display 3" LCD

Multi-Channel Playback Live view shooting

Remote live view shooting (with a personal computer installed with EOS Utility)

Connectivity/System Requirements

Connectivity USB 2.0 Audio input (3.5mm stereo mini external microphone input) Video out (NTSC/PAL selectable HDMI mini out (Type C) Eye-Fi card compatible

System & Software Requirements Windows 98SE, 2000, ME, XP, Vista, 7 Mac OS 8.6-9.x, OS X (10.1 or later)

Environmental

Operating/Storage Temperature 32-104°F (0-40°C)

Weatherproofing Not specified by manufacturer

Power

Battery Type LP-E6 battery pack With optional Battery Grip BG-E9 attached, two battery packs (LP-E6) can be used Six optional 'AA' batteries can be used

Power Adapter via AC Adapter Kit ACK-E6

Physical

Dimensions 5.69 x 4.17 x 3.09" (144.5 x 105.8 x 78.6mm)

Weight 23.8 oz (675g) Body only