Set your
VISION
ABLAZE

Give moments the attention it deserves with the EOS 80D. Equipped with a 24.2-Megapixel CMOS sensor, 45-point cross-type AF, improved Dual Pixel CMOS AF, as well as remote video shooting capabilities, the EOS 80D gives you the power to capture every photo and video with unerring clarity.

24.2 MEGA PIXELS CMOS

Dual Pixel CMOS AF

DiG!C 6

Up to 7.0 Frames Per Sec

Cross-type Max 45-point AF

ISO 16000 12800

EOS Movie FULL HD

Vari angle LCD

Wi-Fi / NFC

Made in JAPAN

EOS 80D

24.2-MEGAPIXEL CMOS SENSOR

The EOS 80D features a newly developed 24.2 Megapixel CMOS sensor that is constructed with an improved sensor technology. With the upgraded CMOS sensor, it also contributes to enhancements in ISO speeds, allowing users to take high quality photos and videos in a wide range of shooting conditions.

DUAL PIXEL CMOS AF

Dual Pixel CMOS AF is designed to provide fast and high-performance autofocus and tracking during Live View shooting. During movie shooting, it allows the camera to seamlessly switch focus between different subjects in the scene, as well as tracking and sustaining focus in a moving subject while maintaining a blurred background.
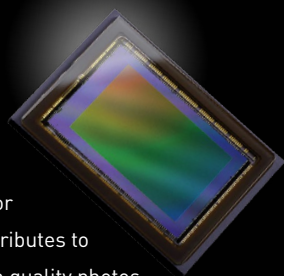
FULL HD 60P MOVIE SHOOTING

Equipped with Full HD movie shooting capabilities, the EOS 80D allows users to shoot high-definition movies at 60p. Various shooting settings such as focus and exposure compensation can be adjusted both before and during shooting, all with just a touch of the finger on the vari-angle touchscreen LCD. This makes it speedy and intuitive for users to shoot fluid, high-resolution movies representative of the EOS quality.

45-POINT CROSS TYPE AF + INTELLIGENT VIEWFINDER

Featuring an all cross-type 45-point AF with 27 f/8 capable points, the EOS 80D is suitable for tracking fast-moving subjects. The camera also features an expanded AF area, capable of achieving low-light AF performance at centre point EV-3, ensuring that autofocus takes place even in low light and low contrast shooting environments.

The EOS 80D is also equipped with the Intelligent Viewfinder, which has approximately 100% viewfinder coverage. Through the viewfinder, users are able to switch AF areas modes and identify their subject's exact focus points.

LENS & ACCESSORIES

EF-S18-135MM F/3.5-5.6 IS USM

The EF-S18-135mm f/3.5-5.6 IS USM lens features an enhanced Image Stabilization system that enables shake correction of up to four equivalent stops throughout the zoom range. It also offers a maximum magnification of 0.28x at the telephoto end, while at the same time retaining its compactness.

The lens also features the new Nano USM, a thin motor that combines the advantages of the ring USM and the lead screw type STM, allowing for high-speed AF during still shooting, as well as silent, smooth autofocusing during movie shooting.

POWER ZOOM ADAPTER PZ-E1

Providing 10 optional levels of adjustable zoom speeds, the Power Zoom Adapter PZ-E1 ensures quiet and smooth zoom operations with the Nano USM in the EF-S18-135mm f/3.5-5.6 IS USM lens. It can also be controlled remotely via smart devices, during which zoom speed can be adjusted up to 15 levels.

EOS 80D / SPECIFICATIONS

TYPE
Type	: Digital, single-lens reflex, AF/AE camera
Recording media	: SD/SDHC/SDXC memory cards
Image sensor size	: Approx. 22.3 x 14.9 mm
Compatible lenses	: Canon EF lenses (including EF-S lenses)
Lens mount	: Canon EF mount

IMAGE SENSOR
Type	: CMOS sensor
Effective pixels	: Approx. 24.2 megapixels
Aspect ratio	: 3:2
Dust delete feature	: Auto, Manual, Dust Delete Data appending

RECORDING SYSTEM
Recording format	: Design rule for Camera File System (DCF) 2.0
Image type	: JPEG, RAW (14-bit Canon original), RAW+JPEG simultaneous recording possible
Pixels recorded	: L (Large) : 24.0 megapixels (6000 x 4000)
	M (Medium) : Approx. 10.6 megapixels (3984 x 2656)
	S1 (Small 1) : Approx. 5.9 megapixels (2976 x 1984)
	S2 (Small 2) : Approx. 2.5 megapixels (1920 x 1280)
	S3 (Small 3) : Approx. 350,000 pixels (720 x 480)
	RAW : 24.0 megapixels (6000 x 4000)
	M-RAW : 13.5 megapixels (4500 x 3000)
	S-RAW : 6.0 megapixels (3000 x 2000)
Aspect ratio	: 3:2, 4:3, 16:9, 1:1
Create/select a folder	: Possible
File numbering	: Continuous, Auto reset, Manual reset

VIEWFINDER
Type	: Eye-level pentaprism
Coverage (by aspect ratio)	: 3:2 (vertical: approx. 100%, horizontal: approx. 100%), 4:3 (vertical: approx. 100%, horizontal: approx. 97%), 16:9 (vertical: approx. 97%, horizontal: approx. 100%), 1:1 (vertical: approx. 100%, horizontal: approx. 96%)
Magnification	: Approx. 0.95x (–1 m^{-1} with 50mm lens at infinity)
Eye point	: Approx. 22mm (from eyepiece lens center at –1 m^{-1})
Diopric adjustment range	: Approx. –3.0 - +1.0 m^{-1} (dpt)
Focusing screen	: Fixed
Grid display	: Provided
Electronic level	: Provided
Mirror	: Quick-return type
Depth-of-field preview	: Provided

AUTOFOCUS (FOR VIEWFINDER SHOOTING)
Type:	: TTL secondary image-registration, phase-difference detection with the dedicated AF sensor
AF points	: 45 (Cross-type AF point: Max. 45 points)
Focusing brightness range	: EV –3 - 18 (with the center AF point supporting f/2.8, One-Shot AF, at room temperature, ISO 100)
Focus operation	: One-Shot AF, AI Servo AF, AI Focus AF, Manual focusing (MF)
AF area selection mode	: Single-point AF (Manual selection), Zone AF (Manual selection of zone), Large Zone AF (manual selection of zone), 45-point automatic selection AF
AF point automatic selection conditions	: AF points can be selected automatically using information on colors equivalent to skin tones.
AI Servo AF characteristics	: Tracking sensitivity, Acceleration/deceleration tracking, AF point auto switching
AF fine adjustment	: AF Microadjustment (All lenses by same amount or Adjust by lens)
AF-assist beam	: Small series of flashes fired by built-in flash

LCD MONITOR
Type	: TFT color, liquid-crystal monitor
Monitor size and dots	: Wide 7.7 cm (3.0 in) (3:2) with approx. 1.04 million dots
Brightness adjustment	: Manual (7 levels)
Electronic level	: Provided
Interface languages	: 25
Touch screen technology	: Capacitive sensing
Feature guide / Help	: Displayable

DRIVE SYSTEM
Drive mode:	: Single shooting, High-speed continuous shooting, Low-speed continuous shooting, Silent single shooting, Silent continuous shooting, 10-sec. self-timer/remote control, 2-sec. self-timer/remote control
Continuous shooting speed	: High-speed continuous shooting: Max. approx. 7.0 shots/ sec. Max. approx. 5.0 shots/sec. during Live View shooting or when [Servo AF] is set. Low-speed continuous shooting: Max. approx. 3.0 shots/sec. Silent continuous shooting: Max. approx. 3.0 shots/sec.
Max. burst	: JPEG Large/Fine: Approx. 77 shots (approx. 110 shots) RAW: Approx. 20 shots (approx. 25 shots) RAW+JPEG Large/Fine: Approx. 20 shots (approx. 22 shots)

MOVIE SHOOTING
Recording format	: MOV/MP4
Movie	: MPEG-4 AVC / H.264 Variable (average) bit rate
Audio	: MOV: Linear PCM, MP4: AAC
Recording size and frame rate	: [MOV] Full HD (1920x1080): 29.97p/25.00p/23.98p [MP4] Full HD (1920x1080): 59.94p/50.00p/29.97p/25.00p/23.98p HD (1280x720): 59.94p/50.00p/29.97p/25.00p
Compression method	: [MOV] : ALL-I (For editing/I-only) [MP4] : IPB (Standard), IPB (Light)
Bit rate	: [MOV] Full HD (29.97p/25.00p/23.98p)/ALL-I : Approx. 90 Mbps [MP4] Full HD (59.94p/50.00p)/IPB (Standard) : Approx. 60 Mbps Full HD (29.97p/25.00p/23.98p)/IPB (Standard) : Approx. 30 Mbps Full HD (29.97p/25.00p)/IPB (Light) : Approx. 12 Mbps HD (59.94p/50.00p)/IPB (Standard) : Approx. 26 Mbps HD (29.97p/25.00p)/IPB (Light) : Approx. 4 Mbps HDR Movie Shooting : Approx. 30 Mbps
Focus method	: Dual Pixel CMOS AF system
AF method	: Face+Tracking, FlexiZone-Multi, FlexiZone-Single Manual focus (approx. 5x / 10x magnification possible)
Movie Servo AF	: Provided, Movie Servo AF customizable
Digital zoom	: Approx. 3x - 10x
Focusing brightness range	: EV 0 - 18 (at room temperature, ISO 100)
Metering mode	: Center-weighted average or Evaluative metering
Metering brightness range	: EV 0 - 20 (at room temperature, ISO 100)
Exposure control	: Autoexposure shooting (Program AE for movie shooting) and manual exposure
Exposure compensation	: ±3 stops in 1/3- or 1/2-stop increments
ISO speed (Recommended exposure index)	: For autoexposure shooting: ISO 100 - ISO 12800 set automatically. In Creative Zone modes, the upper limit is expandable to H (equivalent to ISO 25600). For manual exposure shooting: ISO Auto (ISO 100 - ISO 12800 set automatically), ISO 100 - ISO 12800 set manually (1/3- and whole-stop increments), expandable to H (equivalent to ISO 25600)
ISO speed settings	: Range for movie shooting settable
HDR Movie Shooting	: Possible
Creative filters for movies	: Memory, Dream, Old Movies, Dramatic B&W, Miniature effect movie
Video snapshots	: Settable to 2 sec./4 sec./8 sec.
Sound recording	: Built-in stereo microphones, external stereo microphone terminal provided Sound-recording level adjustable, wind filter provided, attenuator provided
Headphones	: Headphone terminal provided, sound volume adjustable
Grid display	: Three types
Time-lapse movie	: Shooting interval and number of shots settable Required shooting time period, playback length, and remaining card capacity viewable
Still photo shooting	: Not possible during movie shooting

SHUTTER
Type	: Electronically-controlled, focal-plane shutter
Shutter speed	: 1/8000 sec. to 30 sec. (total shutter speed range; available range varies by shooting mode), Bulb, X-sync at 1/250 sec.

EXPOSURE CONTROL
Metering mode	: 63-zone TTL open-aperture metering using 7560-pixel RGB plus IR metering sensor
Metering brightness range	: EV 1 - 20 (at room temperature, ISO 100)
Shooting mode	: Scene Intelligent Auto, Flash Off, Creative Auto, Special scene modes, Creative filters, Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure, Bulb exposure, Custom shooting mode
ISO speed (Recommended exposure index)	: Basic Zone modes*: ISO 100 - ISO 6400 set automatically * Handheld Night Scene: ISO 100 - ISO 12800 set automatically, Landscape: ISO 100 - ISO 1600 set automatically P, Tv, Av, M, B: ISO Auto, ISO 100 - ISO 16000 set manually (1/3- and whole-stop increments), and ISO expansion to H (equivalent to ISO 25600)
ISO speed settings:	: Range for stills, Auto range, and Minimum shutter speed for auto settable
Exposure compensation	: Manual: ±5 stops in 1/3- or 1/2-stop increments AEB: ±3 stops in 1/3- or 1/2-stop increments (can be combined with manual exposure compensation)
AE lock	: Auto: Applied in One-Shot AF with evaluative metering when focus is achieved Manual: With AE lock button
Anti-flicker	: Possible
Interval timer	: Shooting interval and shot count settable
Bulb timer	: Bulb exposure time settable

MULTIPLE EXPOSURES
Number of multiple exposures	: 2 to 9 exposures
Multiple-exposure control	: Additive, Average

LIVE VIEW SHOOTING
Focus method	: Dual Pixel CMOS AF system
AF method	: Face+Tracking, FlexiZone-Multi, FlexiZone-Single Manual focus (approx. 5x / 10x magnification possible)
AF operation	: One-Shot AF, Servo AF
Focusing brightness range	: EV 0 - 20 (at room temperature, ISO 100)
Metering mode	: Evaluative metering (315 zones), Partial metering (approx. 6.1% of Live View screen), Spot metering (approx. 2.6% of Live View screen), Center-weighted average metering
Metering brightness range	: EV 0 - 20 (at room temperature, ISO 100)
Exposure compensation	: ±3 stops in 1/3-stop or 1/2-stop increments
Creative filters	: Provided
Silent LV shooting	: Provided (Mode 1 and 2)
Touch shutter	: Provided
Grid display	: Three types

DIMENSIONS AND WEIGHT
Dimensions (W x H x D)	: Approx. 139.0 x 105.2 x 78.5 mm / 5.47 x 4.14 x 3.09 in.
Weight	: Approx. 730 g / 25.75 oz. (Based on CIPA Guidelines) Approx. 650 g / 22.93 oz. (Body only)

BATTERY PACK LP-E6N
Type	: Rechargeable lithium-ion battery
Rated voltage	: 7.2 V DC
Battery capacity	: 1865 mAh

BATTERY CHARGER LC-E6
Compatible battery	: Battery Pack LP-E6N/LP-E6
Recharging time	: Approx. 2 hr. 30 min.
Rated input	: 100 - 240 V AC (50/60 Hz)
Rated output	: 8.4 V DC / 1.2 A

- All the data above is based on Canon's testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines.
- Dimensions and weight listed above are based on CIPA Guidelines (except weight for camera body only).
- Product specifications and the exterior are subject to change without notice.
- If a problem occurs with a non-Canon lens attached to the camera, consult the respective lens manufacturer.