

EOS 800D

Next-generation DSLR technology, made simple

When great quality results are the most important thing, the EOS 800D makes it simple to capture photos and movies you'll be proud of. Next-generation technology is easy to use, and improves performance in low-light and when shooting movies.



- **The quality your photography deserves**
An APS-C sized 24.2-megapixel sensor captures lots of detail and gives that shallow-focus DSLR look to your pictures.
- **Be spontaneous. Be creative**
Enjoy your photography, with satisfyingly responsive handling and a bright optical viewfinder.
- **Movies made easy**
Full HD movies look superb online and on your home TV. Even fast movement is kept in sharp focus.
- **Simple wireless sharing and control**
Connect quickly to your compatible smartphone or tablet for image sharing and remote camera control.
- **Welcome to the EOS family**
The EOS 800D is part of a system of cameras, lenses and accessories trusted by photographers all over the world.

Product Range



EOS 800D



EOS 760D



EOS 750D

EOS 800D
EOS 760D
EOS 750D
EOS 100D
EOS 1300D

Technical Specifications

IMAGE SENSOR

Type	22.3 mm x 14.9 mm CMOS
Effective Pixels	Approx. 24.20 megapixels
Total Pixels	Approx. 25.80 megapixels
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour

IMAGE PROCESSOR

Type	DIGIC 7
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LENS

Lens Mount	EF/EF-S
Focal Length	Equivalent to 1.6x the focal length of the lens

FOCUSING

Type	TTL-CT-SiR with a CMOS sensor
AF System/ Points	45 cross-type AF points (45 f/5.6 cross-type AF points, 27 f/8 points [9 cross-type], centre point is f/2.8 and f/5.6 dual cross-type) ⁽¹⁾
AF working range	EV -3 – 18 (at 23°C & ISO100)
AF Modes	AI Focus One Shot AI Servo
AF Point Selection	Automatic selection: 45 point AF Manual selection: Single point AF Manual selection: Zone AF Manual selection: Large Zone AF AF points can be selected separately for vertical and horizontal shooting
Selected AF point display	Indicated by a transmissive LCD in viewfinder and Quick Control screen
Predictive AF ⁽⁷⁾	Yes, up to 8m
AF Lock	Locked when shutter button is pressed half way in One Shot AF mode or AF-ON button is pressed.
AF Assist Beam	Intermittent firing of built-in flash or emitted by optional dedicated Speedlite
Manual Focus	Selected on lens

EXPOSURE CONTROL

Metering modes	7560-pixel RGB+IR metering sensor Metering with the area divided into 63 segments (9×7) (1) Evaluative metering (linked to all AF points) (2) Partial metering (approx. 6.0% of viewfinder) (3) Spot metering (approx. 3.5% of viewfinder) (4) Center-weighted average metering
Metering Range	EV 1-20 (at 23°C with 50mm f/1.4 lens ISO100)
AE Lock	Auto: In One-shot AF mode with evaluative metering exposure is locked when focus is achieved. Manual: By AE lock button in creative zone modes.
Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
AEB	3 shots +/-3 EV 1/3 or 1/2 stop increments
ISO Sensitivity ⁽⁸⁾	Auto (100-25600), 100-25600 (in 1/3-stop or whole stop increments) ISO can be expanded to H: 51200 During Movie shooting: Auto (100-12800), 100-12800 (in 1/3-stop or whole stop increments) ISO can be expanded to H: 25600

SHUTTER

Type	Electronically-controlled focal-plane shutter
Speed	30-1/4000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)

WHITE BALANCE

Type	Auto white balance with the imaging sensor
Settings	AWB (Ambience priority, White priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature Setting. White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9. Yes, 1 setting can be registered +/-3 levels in single level increments 3 bracketed images per shutter release. Selectable Blue/Amber bias or Magenta/ Green bias.
Custom White Balance	
WB Bracketing	

VIEWFINDER

Type	Pentamirror
Coverage (Vertical/Horizontal)	Approx. 95%
Magnification	Approx. 0.82x ⁽⁴⁾
Eye point	Approx. 19mm (from eyepiece lens centre)
Dioptré Correction	-3 to +1 m-1 (dioptré)
Focusing Screen	Fixed
Mirror	Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF 600mm f/4 IS USM or shorter)
Viewfinder Information	AF information: AF points, focus confirmation Exposure information: Shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, spot metering circle, exposure warning, AEB. Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light. Image information: Card information, maximum burst (1 digit display), Highlight tone priority (D+). Composition information: Grid, Electronic level, Aspect Ratio Other information: Warning icon, Flicker Detection
Depth of field preview	Yes, with Depth of Field preview button.
Eye piece shutter	On strap

LCD MONITOR

Type	Touch screen Vari angle 7.7cm (3.0") 3:2 Clear View II TFT, approx. 1040K dots
Coverage	Approx. 100%
Viewing Angle (horizontally/vertically)	Approx. 170°
Coating	Anti-reflection and Anti smudge
Brightness Adjustment	Adjustable to one of seven levels
Display Options	(1) Quick Control Screen (2) Camera settings (3) Electronic Level

Technical Specifications

FLASH			
Built-in Flash GN (ISO 100, meters)	12		
Built-in Flash Coverage	up to 17mm focal length (35mm equivalent: 27mm)		
Built-in Flash recycle time	Approx. 3 seconds		
Modes	Auto, Manual flash, Integrated Speedlite Transmitter		
Red-Eye Reduction	Yes - with red-eye reduction lamp		
X-sync	1/250sec		
Flash Exposure Compensation	+/- 3EV in 1/2 or 1/3 increments		
Flash Exposure Bracketing	Yes, with compatible External Flash		
Flash Exposure Lock	Yes		
Second Curtain Synchronisation	Yes		
HotShoe/ PC terminal	Yes/ No		
External Flash Compatibility	E-TTL II with EX series Speedlites, wireless optical multi-flash support		
External Flash Control	via camera menu screen		
SHOOTING			
Modes	Scene Intelligent Auto (Stills and Movie), No Flash, Creative Auto, Portrait, Landscape, Close-up, Sports, SCN (Night Portrait, Handheld Night Scene, HDR Backlight Control, Food, Kids, Candlelight), Creative filters, Program AE, Shutter priority AE, Aperture priority AE, Manual (Stills and Movie)		
Picture Styles	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)		
Colour Space	sRGB and Adobe RGB		
Image Processing	Highlight Tone Priority Auto Lighting Optimizer (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings) Multi Shot Noise Reduction Auto Correction of Lens Peripheral Illumination, Chromatic aberration correction, Distortion correction, Diffraction correction Creative filters (Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect, HDR art standard, HDR art vivid, HDR art bold, HDR art embossed) Multi-exposure RAW image processing - during image Playback only Resize to M or S1, S2, S3		
Drive modes	Single, Continuous L, Continuous H, Self timer (2s+remote, 10s +remote), Silent single shooting, Silent continuous shooting		
Continuous Shooting	Max. Approx. 6fps. (speed maintained until card is full) (JPEG) ^{(1) (10)} (with UHS-I card), 27 images (RAW) (with UHS-I card) ^{(2) (10)}		
LIVE VIEW MODE			
Type	Electronic viewfinder with image sensor		
Coverage	Approx. 100% (horizontally and vertically)		
Frame Rate	29.97 fps		
Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen) Autofocus: Dual Pixel CMOS AF (Face detection and Tracking AF, FlexiZone-Multi, FlexiZone-Single) One-shot AF and Servo AF selectable for Stills and Movie		
Metering	Real-time evaluative metering with image sensor. Evaluative metering, partial metering, spot metering, center-weighted average metering.		
Display Options	Grid overlay (x3), Histogram, Electronic level		
FILE TYPE			
Still Image Type		JPEG: Fine, Normal (Exif 2.30 [Exif Print] compliant) / Design rule for Camera File system (2.0), RAW: RAW, M-Raw, S-Raw (14bit, Canon original RAW 2nd edition), Digital Print Order Format [DPOF] Version 1.1 compliant Yes, any combination of RAW + JPEG, M-Raw + JPEG, S-Raw + JPEG possible.	
RAW+JPEG simultaneous recording			
Image Size		JPEG 3:2: (L) 6000 x 4000, (M) 3984 x 2656, (S1) 2976 x 1984, (S2) 1920x1280, (S3) 720x480 JPEG 4:3: (L) 5328x4000, (M) 3552x2664, (S1) 2656x1992, (S2) 1696x1280, (S3) 640x480 JPEG 16:9: (L) 6000x3368, (M) 3984x2240, (S1) 2976x1680, (S2) 1920x1080, (S3) 720x408 JPEG 1:1: (L) 4000x4000, (M) 2656x2656, (S1) 1984x1984, (S2) 1280x1280, (S3) 480x480 RAW: (RAW) 6000x4000, (M-Raw) 4500x3000, (S-Raw) 3000x2000	
Movie Type		MP4 (Video: H.264 Intra frame / inter frame, Sound: Linear PCM / AAC, recording level can be manually adjusted by user)	
Movie Size		1920 x 1080 (59.94, 50 fps) inter-frame 1920 x 1080 (29.97, 25, 23.98 fps) inter frame 1920 x 1080 (29.97, 25) lite inter-frame 1280 x 720 (59.94, 50 fps) inter-frame 1280 x 720 (29.97, 25) lite inter-frame 640 x 480 (29.97, 25) inter-frame 640 x 480 (29.97, 25) lite inter-frame	
Movie Length		Max duration 29min 59sec, Max file size 4GB (If file size exceeds 4GB a new file will be created automatically)	
Folders		New folders can be manually created and selected	
File Numbering		(1) Consecutive numbering (2) Auto reset (3) Manual reset	
OTHER FEATURES			
Custom Functions		15 Custom Functions	
Metadata Tag		User copyright information (can be set in camera) Image rating (0-5 stars)	
LCD Panel / Illumination		Yes / Yes	
Intelligent Orientation Sensor		Yes	
Playback zoom		1.5x - 10x	
Display Formats		(1) Single image with information (2 levels) (2) Single image (3) 4 image index (4) 9 image index (5) 36 image index (6) 100 image index (7) Jump Display	
Slide Show		Choose images with Image Search Playback time: 1/2/3/5/10/20 seconds Repeat: On/Off Background music: On/Off Transition effect: Off, Slide in 1, Slide in 2, Fade 1, Fade 2, Fade 3	
Histogram		Brightness: Yes RGB: Yes	
Highlight Alert		Yes	

Technical Specifications

Image Erase/Protection	Erase: Select image, select range, all images in folder, all images on a card, all found images (during image search) Protection: Single image, select range, all images in folder, all images on a card, all found images (during image search)	PHYSICAL SPECIFICATIONS	
Menu Categories	(1) Shooting menu (x5) (2) Playback menu (x3) (3) Setup menu (x4) (4) Display Options menu (5) My Menu	Body Materials	Chassis: Aluminum alloy and polycarbonate resin with glass fiber Exterior: Polycarbonate resin with glass fiber and special conductive fiber
Menu Languages	25 Languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean and Japanese	Operating Environment	0 – 40 °C, 85% or less humidity
Firmware Update	Update possible by the user.	Dimensions (WxHxD)	131.0 x 99.9 x 76.2mm
INTERFACE		Weight (body only)	Approx. 532g (CIPA testing standard, including battery and memory card)
Computer	Hi-Speed USB	ACCESSORIES	
Other	Video output (PAL/ NTSC) (integrated with USB terminal), HDMI mini output (HDMI-CEC compatible), External microphone (3.5mm Stereo mini jack)	Viewfinder	Eyecup Ef Rubber Frame Ef, E-series Dioptic Adjustment Lenses Eyepiece Extender EP-EX15II Magnifier MG-Ef Angle Finder C
DIRECT PRINT		Case	Leather case EH21-L
Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge	Wireless File Transmitter	Built in Wi-Fi transmission Connectivity to Smart devices is possible with Android version 4.0-4.4/5.0-5.1 or iOS 7.1/8-8.3. NFC connectivity is possible only with compatible Android devices.
PictBridge	Yes	Lenses	All EF and EF-S lenses
STORAGE		Flash	Canon Speedlites (90EX, 220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 430EX III-RT, 550EX, 580EX, 580EX II, 600EX, 600EX-RT, Macro-Ring-Lite, MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT)
Type	SD, SDHC or SDXC (UHS-I) card	Remote Controller/ Switch	Remote Switch RS-60E3, Remote Controller RC-6, Remote Controller BR-E1
SUPPORTED OPERATING SYSTEM		Other	Hand Strap E2, GP-E2
PC & Macintosh	Windows 10 / 8.1 / 8 / 7(*) * With Microsoft .NET Framework 4.5 is installed. Mac OS X 10.9, 10.10, 10.11	Footnotes	
SOFTWARE		⁽¹⁾ Large/Fine (Quality 8) resolution	
Image Processing	Digital Photo Professional 4.4.0 (RAW Image Processing)	⁽²⁾ Based on Canon's testing conditions, JPEG, ISO 100, Standard Picture Style. Varies depending on the subject, memory card brand and capacity, image recording quality, ISO speed, drive mode, Picture Style, Custom functions etc.	
Other	EOS Utility EOS Lens Registration Tool EOS Web Service Registration Tool EOS Sample Music Picture Style Editor	⁽³⁾ Compatible with large memory card capacities, including cards of 2GB and more (camera may require firmware update).	
POWER SOURCE		⁽⁴⁾ with 50mm lens at infinity, -1 m ⁻¹ dpt	
Batteries	1 x Rechargeable Li-ion Battery LP-E17	⁽⁵⁾ Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated	
Battery life	Viewfinder: Approx. 600 (at 23°C, AE 50%, FE 50%) ⁽⁵⁾ Viewfinder: Approx. 550 (at 0°C, AE 50%, FE 50%) Live View: Approx. 270 (at 23°C, AE 50%, FE 50%) Live View: Approx. 230 (at 0°C, AE 50%, FE 50%)	⁽⁶⁾ Memory card and battery door only	
Battery Indicator	6 levels + percentage	⁽⁷⁾ with EF300mm f/2.8L IS USM at 50kph	
Power saving	Power turns off after 10/30 (10 sec viewfinder/30 sec live view, functions, image playback etc) sec, 30 sec, 1, 2, 4, 8, or 15 mins.	⁽⁸⁾ Recommended Exposure Index	
		⁽⁹⁾ Environmental protection	
		⁽¹⁰⁾ Sustained continuous shooting speed is tested based on Canon's testing standard. Function requires compatible SDHC/SDXC UHS Speed Class 1 memory card, total number of frames captured varies depending on shooting subject, settings and brand of memory card	
		⁽¹¹⁾ Peripheral Cross type AF points will not function as a cross type AF points with the following lenses: EF 35-80mm f4-5.6 (II/III/USM), EF35-105mm f4.5-5.6 (USM), EF 80-200mm f4.5-5.6 (II)	
		⁽¹²⁾ With Battery strength 75% or higher	
		⁽¹³⁾ Viewfinder Information	
		All data is based on Canon standard testing methods except where indicated. Subject to change without notice.	

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Product Details:

Product Name	Mercury Code	EAN Code
EOS 800D	1895C001AA	4549292083552
EOS 800D + EF-S18-55 F4-5.6 STM	1895C002AA	4549292083736
EOS 800D + EF-S18-200mm f/3.5-5.6 IS	1895C031AA	8714574650494

Optional Accessories:

Product Name	Mercury Code	EAN Code
Wireless Remote Controller BR-E1	2140C001AA	4549292087864

Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Net Weight (kg)	Gross Weight (kg)
EOS 800D	1895C001AA	EA	Each	1	222	166	148	0.717	1.219
		CT	Carton	6	468	354	261	7.31	8.21
		EP	Euro Pallet	96	1200	800	1194		141
			Layers per Pallet	4					
			Cartons per Layer	4					
			Products per layer	24					
EOS 800D + EF-S18-55 F4-5.6 STM	1895C002AA	EA	Each	1	222	166	148	0.957	1.47
		CT	Carton	6	468	354	261	8.82	9.72
		EP	Euro Pallet	96	1200	800	1194		166
			Layers per Pallet	4					
			Cartons per Layer	4					
			Products per layer	24					

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Sales Start Date: TBC

Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Net Weight (kg)	Gross Weight (kg)
EOS 800D + EF-S18-200mm f/3.5-5.6 IS	1895C031AA	EA	Each	TBD	TBD	TBD	TBD	TBD	TBD
		CT	Carton	TBD	TBD	TBD	TBD	TBD	TBD
		EP	Euro Pallet	TBD	TBD	TBD	TBD		TBD
			Layers per Pallet	TBD					
			Cartons per Layer	TBD					
			Products per layer	TBD					

Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Net Weight (kg)	Gross Weight (kg)
Wireless Remote Controller BR-E1	2140C001AA	EA	Each	1	61.5	30.5	109.5	0.014	0.044
		CT	Carton	16	216	141	141	0.71	0.81
		EP	Euro Pallet	3248	1200	800	1137		174
			Layers per Pallet	3					
			Cartons per Layer	29					
			Products per layer	464					

What's in the box?

- Digital Camera EOS 800D Body
- Eyecup EF
- Camera Cover R-F-3
- Wide Strap EW-400D
- Battery Charger LC-E17E
- Battery Pack LP-E17
- Power Cable
- User Manual Kit