EOS 100D

A DSLR you'll never want to leave behind

A small and responsive DSLR to take everywhere. The 18-megapixel EOS 100D delivers superb photos and video and features an optical viewfinder and intuitive touch-screen controls.

EOS 100D

you can

18.0 MEGA PIXELS CMOS | EOS Movie FULL HD | A+ Scene Intelligent Auto | Optical Viewfinder | Creative Filters | Hybrid CMOS AF II | 3:2 WIDE 7.7cm / 3.0" LCD ClearView II

- Create superb 18 megapixel images with a fully-featured, responsive DSLR that's small enough to take everywhere

- Easy to use: Scene Intelligent Auto analyses the conditions and picks the optimal camera settings

- Compose using an optical viewfinder or a large Clear View LCD II Touch screen

- Continuous focusing when shooting Full-HD movies with Hybrid CMOS AF II. Create edited clip sequences in camera using Video Snapshot

- Be artistic with Creative filters. Extra Effect Shot captures a filtered and unfiltered shot simultaneously

- Built-in Feature Guide for instant help when shooting

- Experiment with the extensive EOS System of lenses and accessories

Product Range

EOS M

EOS 100D

EOS 700D

EOS M
EOS 1100D
EOS 100D
EOS 600D
EOS 700D
EOS 60D
EOS 60Da
EOS 6D
EOS 7D
EOS 5D Mark III
EOS-1D X
EOS-1D C

Canon

Technical Specifications

IMAGE SENSOR	
Type	22.3 x 14.9mm CMOS
Effective Pixels	Approx. 18.0 megapixels
Total Pixels	Approx. 18.5 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 5

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	9 AF points (f/5.6 cross type at centre, extra sensitivity at f/2.8)
AF working range	Centre AF point: EV -0.5 -18 (at 23ºC & ISO100) Other AF points: EV 0.5 -18 (at 23ºC & ISO100)
AF Modes	AI Focus One Shot AI Servo
AF Point Selection	Automatic selection, Manual selection
Selected AF point display	Superimposed in viewfinder and indicated on LCD monitor
Predictive AF [7]	Yes, up to 10m
AF Lock	Locked when shutter button is pressed half way in One Shot AF mode.
AF Assist Beam	Intermittent firing of built-in flash or emitted by optional dedicated Speedlite
Manual Focus	Selected on lens

EXPOSURE CONTROL	
Metering modes	TTL full aperture metering with 63-zone SPC (1) Evaluative metering (linked to all AF points) (2) Partial metering at center (approx. 9% of viewfinder) (3) Spot metering (approx. 4% of viewfinder at center) (4) Center weighted average metering
Metering Range	EV 1-20 (at 23ºC with 50mm f/1.4 lens ISO100)
AE Lock	Auto: In 1-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 +/- 2 EV, 1/2 or 1/3-stop increments
ISO Sensitivity [8]	AUTO(100-6400), 100-12800 in 1-stop increments ISO can be expanded to H: 25600 During Movie shooting: Auto (100-6400), 100-6400 (Whole stop increments) ISO can be expanded to H: 12800

SHUTTER	
Type	Electronically-controlled focal-plane shutter, with electronic first curtain
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, Daylight, Shade, Cloudy, Tungsten, White Fluorescent light, Flash, Custom. White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9.
Custom White Balance	Yes, 1 setting can be registered
WB Bracketing	+/-3 levels in single level increments 3 bracketed images per shutter release. Selectable Blue/Amber bias or Magenta/ Green bias.

VIEWFINDER	
Type	Pentamirror
Coverage (Vertical/Horizontal)	Approx. 95%
Magnification	Approx. 0.87x [4]
Eyepoint	Approx. 19mm (from eyepiece lens centre)
Dioptre Correction	-3 to +1 m-1 (dioptre)
Focusing Screen	Fixed
Mirror	Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF600mm f/4 or shorter)
Viewfinder Information	AF information: AF points, focus confirmation light 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: Highlight tone priority (D+), monochrome shooting, maximum burst (1 digit display), White balance correction, SD card information
Depth of field preview	Yes, with Depth of Field preview button.
Eyepiece shutter	On strap

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

FLASH	
Built-in Flash GN (ISO 100, meters)	9.4
Built-in Flash Coverage	Up to 18mm focal length (35mm equivalent: 29mm)
Built-in Flash recycle time	Approx. 3 seconds
Modes	Auto, Manual Flash
Red-Eye Reduction	Yes - with red-eye reduction lamp
X-sync	1/200sec
Flash Exposure Compensation	+/- 2EV 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 multi-flash support (with optional accessory)
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(Kids, Food, Candlelight, Night Portrait, Handheld Night Scene, HDR Backlight Control), Program AE , Shutter priority AE, Aperture priority AE, Manual (Stills and Movie)
Picture Styles	Auto, Standard, Portrait, Landscape, 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 and Chromatic aberration correction Basic+ (Shoot by ambience selection, Shoot by lighting or scene type) Creative filters (Art Bold, Water painting, Grainy B/W, Soft focus, Toy camera, Miniature effect, Fish-eye) Miniature effect movie Image Cropping during playback Resize to M or S1, S2, S3
Drive modes	Single, Continuous, Self timer (2s, 10s+remote, 10s + continuous shots 2-10), Silent single shooting, Silent continous shooting
Continuous Shooting	Max. Approx. 4.0fps. (speed maintained for minimum of approx. 28 images (JPEG) [1], 7 images (RAW)) [2][10]

LIVE VIEW MODE	
Type	Electronic viewfinder with image sensor
Coverage	Approx. 100% (horizontally and vertically)
Frame Rate	60 fps
Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen) Autofocus: Hybrid CMOS AF II (Face detection and Tracking AF, FlexiZone-Multi, FlexiZone-Single), Phase detection AF (Quick mode)
Metering	Real-time evaluative metering with image sensor. Evaluative metering, partial metering, spot metering, center-weighted average metering.
Display Options	Grid overlay (x2), Histogram, Multi aspect ratios

Technical Specifications

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FILE TYPE	
Still Image Type	JPEG: Fine, Normal (Exif 2.30 [Exif Print] compliant) / Design rule for Camera File system (2.0), RAW: RAW (14bit, Canon original RAW 2nd edition), Digital Print Order Format [DPOF] Version 1.1 compliant
RAW+JPEG simultaneous recording	Yes (RAW + Large JPEG only)
Image Size	JPEG 3:2: (L) 5184x3456, (M) 3456x2304, (S1) 2592x1728, (S2) 1920x1280, (S3) 720x480 JPEG 4:3: (L) 4608x3456, (M) 3072x2304, (S1) 2304x1728, (S2) 1696x1280, (S3) 640x480 JPEG 16:9: (L) 5184x2912, (M) 3456x1944, (S1) 2592x1456 (S2) 1920x1080, (S3) 720x400 JPEG 1:1: (L) 3456x3456, (M) 2304x2304, (S1) 1728x1728, (S2) 1280x1280, (S3) 480x480 RAW: (RAW) 5184x3456
Movie Type	MOV (Video: H.264, Sound: Linear PCM, recording level can be manually adjusted by user) MOV (Video: H.264, Sound: Linear PCM, recording level can be manually adjusted by user)
Movie Size	1920 x 1080 (29.97, 25, 23.976 fps) 1280 x 720 (59.94, 50 fps) 640 x 480 (30, 25 fps)
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	8 Custom Functions with 24 settings
Metadata Tag	User copyright information (can be set in camera) Image rating (0-5 stars)
Intelligent Orientation Sensor	Yes
Playback zoom	1.5x - 10x enabled in 15 steps
Display Formats	(1) Single image with information (2 levels) (2) Single image (3) Index display (4/9/36/100 images) (4) Jump Display (1/10/100 images, by Date,by Folder, Movies, Stills only, by Rating)
Slide Show	Image selection: All images, by Date, by Folder, Movies, Stills, Rating Playback time: 1/2/3/5/10 or 20 seconds Repeat: On/Off Transition Effect: Off, Slide 1, Slide 2, Fade 2, Fade 2, Fade 3 Background Music: On, Off
Histogram	Brightness: Yes RGB: Yes
Highlight Alert	Yes (Shooting information display only)
Image Erase/Protection	Erase: Single image, All images in folder, Checkmarked images, unprotected images Protection: Single image, all images in folder, all images on card
Menu Categories	(1) Shooting menu (x6) (2) Playback menu (x2) (3) Setup menu (x4) (4) My Menu
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
Firmware Update	Update possible by the user.

INTERFACE	
Computer	Hi-Speed USB
Other	Video output (PAL/ NTSC) (integrated with USB terminal), HDMI mini output (HDMI-CEC compatible), External microphone (3.5mm Stereo mini jack)

DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
PictBridge	Yes

STORAGE	
Type	SD, SDHC or SDXC (UHS-I) card

SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows XP inc. SP3 / Vista inc. SP2 (excl. Starter Edition) / 7 inc. SP1(excl. Starter Edition) / 8 OS X v10.6-10.8 (Intel processor required)

SOFTWARE	
Browsing & Printing	ImageBrowser EX
Image Processing	Digital Photo Professional
Other	PhotoStitch, EOS Utility, Picture Style Editor

POWER SOURCE	
Batteries	1 x Rechargeable Li-ion Battery LP-E12
Battery life	Approx. 380 (at 23°C, AE 50%, FE 50%) [5] Approx. 350 (at 0°C, AE 50%, FE 50%)
Battery Indicator	4 levels
Power saving	Power turns off after 30sec or 1, 2, 4, 8 or 15mins.
Power Supply & Battery Chargers	AC Adapter Kit ACK-E15, Battery charger LC-E12

PHYSICAL SPECIFICATIONS	
Body Materials	Aluminium alloy and polycarbonate resin with carbon and glass fiber
Operating Environment	0 – 40°C, 85% or less humidity
Dimensions (WxHxD)	116.8 x 90.7 x 69.4mm
Weight (body only)	Approx. 407g (CIPA testing standard, including battery and memory card)

ACCESSORIES	
Viewfinder	Eyecup Ef, E-series Dioptric Adjustment Lens with Rubber Frame Ef, Eyepiece Extender EP-EX15II, Angle Finder C
Case	Semi-Hard Case EH25-L
Wireless File Transmitter	Compatible with Eye-Fi cards
Lenses	All EF and EF-S lenses
Flash	Canon Speedlites (90EX, 220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 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)
Battery Grip	None
Remote Controller/ Switch	Remote Controller RC-6, Remote Switch RS-60E3
Other	Hand Strap E2, GPS Receiver GP-E2

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A small and responsive DSLR to take everywhere. The 18-megapixel EOS 100D delivers superb photos and video and features an optical viewfinder and intuitive touch-screen controls.

Positioning: For those wanting a DSLR to take everywhere, who document their lifestyle with high-quality photos and video

Sales start date: Late April 2013 (TBC)

Product details

Product name	Mercury Code	EAN Code	Recommended Retail Price
EOS 100D	8576B014AA	8714574602653	£569.99 / €729.99
EOS 100D + EF-S 18-55mm IS STM	8576B021AA	8714574602721	£699.99 / €899.99
EOS 100D + EF-S 18-55mm III	8576B028AA	8714574602790	£619.99 / €789.99

Consumables or Accessories and Supplies

Product name	Mercury Code	EAN Code
Semi Hard Case EH25-L	8621B001AA	4960999983585

Logistics information

Pack description	Quantity	Dimensions (L x W x H in mm)	Weight (Net/Gross in kg)
EOS 100D BODY	1	222x166x138	.666kg/.8975kg
EOS 100D + EF-S 18-55mm f/3.5-5.6 IS STM	1	222x166x138	.893kg/1.1315kg
EOS 100D + EF-S 18-55mm f/3.5-5.6 III	1	222x166x138	.9165kg/1.155kg
Semi Hard Case EH25-L	1	148x121x169	.0815kg/.1535kg

What's in the box?

(Body only)
- EOS 100D Body
- Eyecup Ef
- Camera Cover R-F-3
- Wide Strap EW-300D
- Battery Charger LC-E12E(WW)
- Battery Pack LP-E12(WW)
- Battery Cover
- AC Cable (with E-type plug)
- Interface Cable IFC-130U
- User Manual Kit

(Body + EF-S 18-55mm IS STM lens kit)
- EOS 100D Body
- Eyecup Ef
- Camera Cover R-F-3
- Wide Strap EW-300D
- Battery Charger LC-E12E(WW)
- Battery Pack LP-E12(WW)
- Battery Cover
- AC Cable (with E-type plug)
- Interface Cable IFC-130U
- User Manual Kit
- EF-S 18-55mm f/3.5-5.6 IS STM
- Lens Cap E-58II
- Lens Dust Cap E

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