

DIGITAL CAMERA		EOS 100D
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 23°C & ISO100) Other AF points: EV 0.5 -18 (at 23°C & 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 23°C with 50mm f/1.8 II 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)
	Dioptrre Correction	-3 to +1 m-1 (dioptrre)
	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 170°
	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 continuous 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
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)
	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 15steps
	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 only, 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 Image Processing Other	ImageBrowser EX Digital Photo Professional PhotoStitch, EOS Utility, Picture Style Editor
POWER SOURCE		
	Batteries Battery life Battery Indicator Power saving Power Supply & Battery Chargers	1 x Rechargeable Li-ion Battery LP-E12 Approx. 380 (at 23°C, AE 50%, FE 50%) (5) Approx. 350 (at 0°C, AE 50%, FE 50%) 4 levels Power turns off after 30sec or 1, 2, 4, 8 or 15mins. AC Adapter Kit ACK-E15, Battery charger LC-E12
PHYSICAL SPECIFICATIONS		
	Body Materials Operating Environment Dimensions (WxHxD) Weight (body only)	Aluminium alloy and polycarbonate resin with carbon and glass fiber 0 - 40 °C, 85% or less humidity 116.8 x 90.7 x 69.4mm Approx. 407g (CIPA testing standard, including battery and memory card)
ACCESSORIES		
	Viewfinder Case Wireless File Transmitter Lenses Flash Battery Grip Remote Controller/ Switch Other	Eyecup Ef, E-series Dioptic Adjustment Lens with Rubber Frame Ef, Eyepiece Extender EP-EX15II, Angle Finder C Semi-Hard Case EH25-L Compatible with Eye-Fi cards All EF and EF-S lenses 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) None Remote Controller RC-6, Remote Switch RS-60E3 Hand Strap E2, GPS Receiver GP-E2

All data is based on Canon standard testing methods except where indicated.

Subject to change without notice.

1 Large/Fine(Quality 8) resolution

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.

3 Compatible with large memory card capacities, including cards of 2GB and more (camera may require firmware update).

4 with 50mm lens at infinity, -1m^{-1} dpt

5 Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated

7 with EF300mm f/2.8L IS USM at 50kph

8 Recommended Exposure Index

10 Maximum fps and buffer capacity may be reduced depending on the cameras settings and light level

12 With Battery strength 75% or higher