

New camera and accessories

Entry-point DSLR and updated Speedlite

New camera EOS 1000D



Key features

- 10.1 megapixel CMOS sensor
- up to 3.5 frames per second
- 7-point wide-area AF system with f5.6 cross-type centre point
- EOS Integrated Cleaning System
- 2.5-inch LCD with Live View shooting
- DIGIC III image processor
- Customisable Picture Style image processing parameters
- Compatible with SD and SDHC memory cards
- Compact and lightweight body
- Digital Photo Professional RAW processing software
- Fully compatible with all Canon EF and EF-S lenses and EX-series Speedlites

Prices

- EOS 1000D body: £499.99/€649.99
- EOS 1000D EF-S 18-55mm IS Lens Kit: £579.99/€749.99

Prices are RRP inc. VAT

Bundled accessories include

- Battery Pack LP-E5
- Battery Charger LC-E5E
- Wide Strap EW100DBIII

Optional accessories include

- Car Battery Charger CBC-E5: £89.99
- Battery Grip BG-E5: £129.99
- Eyepiece Extender EP-EX15II: £17.99

Availability

Late July 2008

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EOS 1000D

CAMERA

Type Digital SLR with built-in flash
Recording media SD or SDHC memory card
Lens mount Canon EF and EF-S
Field-of-view factor 1.6x (a lens on a 35mm full-frame camera will show a field-of-view 1.6x greater than the same lens on the EOS 1000D)

IMAGE SENSOR

Type Single-plate CMOS
Size 22.2 x 14.8mm
Effective pixels approx. 10.1 megapixels
Total pixels approx. 10.5 megapixels
Aspect ratio 3:2
Colour filter system RGB primary colour
Low-pass filter Built-in; fixed
Dust reduction 1) automatic sensor cleaning; 2) antistatic coating on filter covering the sensor; 3) Dust Delete Data appended to the captured image

IMAGE PROCESSOR

Type DIGIC III

RECORDING SYSTEM

Still image format JPEG (Exif 2.21 [Exif Print] compliant)/Design rule for Camera File system (2.0), Digital Print Order Format [DPOF] Version 1.1 compliant
Image type JPEG, RAW (12-bit Canon original)
RAW+JPEG simultaneous recording yes (RAW + Large JPEG only)
File sizes (pixels)
 Large/Fine: 3.8MB (3888x2592 pixels)
 Large/Normal: 2.0MB (3888x2592 pixels)
 Medium/Fine: 2.3MB (2816x1880 pixels)
 Medium/Normal: 1.2MB (2816x1880 pixels)
 Small/Fine: 1.3MB (1936x1288 pixels)
 Small/Normal: 0.7MB (1936x1288 pixels)
 RAW: 9.8MB(3888x2592 pixels)
 RAW + Large/Fine JPEG: 13.6MB
 (file sizes are approximate and depend on the subject, ISO speed, Picture Style, etc.)
File numbering 1) consecutive numbering; 2) auto reset; 3) manual reset

IMAGE PROCESSING

Colour space sRGB, Adobe RGB
Picture style six preset styles (Standard, Portrait, Landscape, Neutral, Faithful, Monochrome); three user-defined settings
Noise reduction for long exposures
Auto lighting optimiser provided
Original image verification data attached to image file (verified by Original Data Security kit OSK-E3)

WHITE BALANCE

Type auto white balance with the imaging sensor
Settings AWB, daylight, shade, cloudy, tungsten, white fluorescent light, flash, custom
White balance compensation Blue/Amber ± 9 ; Magenta/Green ± 9
White balance bracketing ± 3 levels in single level increments, three bracketed images per shutter release, selectable Blue/Amber bias or Magenta/Green bias.
Colour temperature information transmission provided

FOCUSING

Type TTL secondary image registration, phase detection
AF points 7 (cross-type f5.6 at centre)
AF working range EV 0.5 to 18 (at 23°C and ISO 100)
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 yes
AF Lock locked when shutter button is pressed half-way in One-shot AF mode
AF assist beam intermittent firing of built-in flash; range approx. 4 metres at centre (3.5 metres are edge)
Manual focus selected on lens

EXPOSURE CONTROL

Type 35-zone TTL full aperture metering
 1) Evaluative metering (linked to any/all AF points)
 2) Partial metering (approx. 10% of viewfinder)
 3) Centre-weighted average metering
Metering range EV 1 to 20 (at 23°C with 50mm f/1.4 lens, ISO 100)

Shooting modes Auto, Portrait, Landscape, Close-up, Sports, Night Portrait, Flash Off, Program AE, Shutter-priority AE, Aperture-priority AE, Manual, A-DEP
AE lock auto (operates in One-shot AF mode with evaluative metering when focus is achieved); manual (by AE lock button in creative zone modes).
Exposure compensation ± 2 EV in 1/3 or 1/2-stop increments
Auto exposure bracketing (AEB) ± 2 EV in 1/3 or 1/2-stop increments
ISO speed equivalent auto (100-800); 100, 200, 400, 800, 1600 (in 1-stop increments)

SHUTTER

Type electronically-controlled focal-plane
Shutter release soft-touch electromagnetic
Speed range 30 seconds to 1/4000 second in 1/2 or 1/3 stop increments (available range varies with shooting mode); bulb
Self-timer 10 or 2 second delay, or 10 second delay plus continuous shooting
Remote control Remote Switch RS-60E3

VIEWFINDER

Type eye-level SLR (with fixed pentamirror)
Coverage approx. 95% (vertical/horizontal)
Magnification approx. 0.81x (with 50mm lens at infinity, -1 dioptre)
Eye point approx. 21mm (from eyepiece lens centre)
Dioptre correction built-in (-3 to +1 dioptre)
Focusing screen fixed (precision matte)
Mirror quick-return half mirror (transmission: reflection ratio of 40:60); no mirror cut-off with EF 600mm f4L IS USM or shorter lenses
Viewfinder Information
 1) AF information: AF points, focus confirmation light
 2) exposure information: shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, spot metering circle, exposure warning, AEB
 3) flash information: flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light
 4) white balance correction;
 5) SD card information
 6) monochrome shooting
 7) maximum burst
Depth-of-field preview with depth-of-field preview button
Eyepiece cover on strap

LIVE VIEW FUNCTIONS

Shooting modes 1) Live View shooting; 2) Remote Live View shooting (using personal computer with EOS Utility installed)
Focusing 1) manual; 2) autofocus (Quick mode, Live mode)
Metering Evaluative with the image sensor
Exposure display simulated exposure displayed in real-time
Grid display available on monitor

LCD MONITOR

Type 2.5-inch TFT colour liquid-crystal,
Pixels approx. 230,000 pixels
Coverage approx. 100%
Monitor brightness adjustable (7 levels)
Brightness adjustable to one of seven levels

BUILT-IN FLASH

Type retractable, auto pop-up flash
Coverage to 17mm lens angle-of-view
Flash metering E-TTL II autofocus
Guide number (ISO 100, metres) 13
Flash exposure compensation ± 2 stops in 1/3 or 1/2 stop increments
Modes auto, manual flash on/off, red-eye reduction
FE Lock provided
Recycle time approx. 3 seconds
Flash-ready indicator icon lights in viewfinder

EXTERNAL FLASH

External flash EX-series Speedlites, wireless multi-flash support
Flash metering E-TTL II autofocus
Hot-shoe yes
PC terminal no
X-sync 1/200 second
Flash exposure compensation ± 2 stops in 1/2 or 1/3 increments
Flash exposure bracketing yes
Flash exposure lock yes
Second-curtain synchronisation yes

DRIVE SYSTEM

Modes single, continuous



Continuous shooting speed approx 3fps maximum with JPEG; approx 1.5fps maximum with RAW and RAW+JPEG
Maximum burst approx. 514 Large/Fine JPEG (based on 2MB card); approx. 5 RAW; approx 4 RAW+JPEG (Large/Fine)

IMAGE PLAYBACK AND ERASE

Display formats single image; single image + image recording quality, shooting information, histogram; 4- or 9-image index; magnified view (approx 1.5x to 10x); rotated image; image jump (by 1, 10 or 100 images, or by shooting date)
Highlight alert yes (overexposed areas blink)
Image erase protection erase protection of one image at a time
Image erase single image, all images on card, checkmarked images, unprotected images

PRINTING

Canon printers Canon SELPHY printers, Bubble Jet printers with Direct Print function and PIXMA printers supporting PictBridge
Easy print feature yes
PictBridge compatible yes
Direct Print Order Format (DPOF) Version 1.1 compatible

OTHER FEATURES

Custom functions 12 Custom Functions with 32 settings
My Menu registration yes
Intelligent orientation sensor yes
Histogram brightness; RGB
Photo effects monochrome (selected from the Picture Style menu) with options for filters and toning effects
Menu categories 1) Shooting menu; 2) Playback menu; 3) Setup menu; 4) My Menu
Menu languages include English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Japanese, Simplified and Traditional Chinese, Korean, Russian, Polish, Hungarian, Czech
Firmware update update possible by user

INTERFACE

Computer USB 2.0 Hi-Speed (Mini-B)
Other video output (PAL/ NTSC)

SOFTWARE

Browsing & printing ZoomBrowser EX (for Windows) / ImageBrowser (for Mac)
Other PhotoStitch; EOS Utility - includes Remote Capture, Original Data Security Tools (requires optional accessory)
Drivers PTP TWAIN Driver (Windows 2000)
Image manipulation Digital Photo Professional (RAW image processing)

SUPPORTED OPERATING SYSTEMS

PC Windows 2000 (SP4) / XP (SP2) / Vista (excluding Starter Edition)
Macintosh OS X v10.3-10.5

POWER SOURCE

Batteries one rechargeable Li-ion battery LP-E5; size-AA batteries can be used with Battery Grip BG-E5
Battery life approx. 500 at 23°C; approx. 400 at 0°C (both with 50% use of built-in flash)
Battery check automatic
Power saving power turns off after 30 seconds or 1, 2, 4, 8 or 15 minutes
Date/time backup built-in secondary battery
Battery charger LC-E5 (recharging time approx. 2 hours)
AC power supply optional, AC Adapter Kit ACK-E5

PHYSICAL SPECIFICATIONS

Body materials stainless steel/plastic
Operating environment 0 to 40 °C, 85% or less humidity
Dimensions (WxHxD) 126.1 x 97.5 x 61.9mm
Weight (body only) approx. 450g

All data is based on Canon standard testing methods except where indicated. Subject to change without notice.

	EOS 350D	EOS 400D	EOS 450D	EOS 1000D
Introduced	Spring 2005	Autumn 2006	Spring 2008	Summer 2008
Sensor (effective megapixels)	8.00	10.10	12.20	10.10
Recording media	CF	CF	SD	SD
Processor	DIGIC II	DIGIC II	DIGIC III	DIGIC III
Analog/digital conversion	12-bit	12-bit	14-bit	12-bit
Viewfinder (coverage/magnification)	95%/0.80x	95%/0.80x	95%/0.87x	95%/0.81x
AF points	7	9	9	7
LCD monitor – size	1.8 inches	2.5 inches	3 inches	2.5 inches
LCD monitor – pixels	115,000	230,000	230,000	230,000
Maximum shutter speed	1/4000 sec	1/4000 sec	1/4000 sec	1/4000 sec
Maximum flash synchronisation	1/200 sec	1/200 sec	1/200 sec	1/200 sec
Maximum continuous shooting	approx. 3 fps	approx 3 fps	approx 3.5 fps	approx. 3 fps
Maximum burst (JPEG/RAW/RAW+JPEG)	14/5/4	27/10/8	53/6/4	514/5/4
ISO range	100 to 1600	100 to 1600	100 to 1600	100 to 1600
Spot metering	no	no	yes (4%)	no
Live View with Quick AF	no	no	yes	yes
Live View with Live AF	no	no	yes	yes
Highlight Tone Priority	no	no	yes	no
High ISO noise reduction	no	no	yes	yes
IR sensor for RC-1/RC-5 remote controller	yes	yes	yes	no
Self-cleaning sensor unit	no	yes	yes	yes
Dust delete data added to image file	no	yes	yes	yes
Custom functions (number/settings)	9/24	11/29	13/34	12/32
Size (WxHxD)	126x94x64mm	126x94x65mm	129x97x62mm	126x97x62mm
Weight	485g	510g	475g	450g
Body-only price (RRP at time of introduction)	£749.99	£649.99	£599.99	£499.99

What we think...

Canon has a tradition of introducing new EOS cameras in either the spring or the autumn. A summer launch is very unusual. But these are unusual times. There has been a recent flurry of activity at the budget end of the DSLR market by other manufacturers, and Canon cannot afford to be left behind. The EOS 1000D is their answer.

You'd expect some really major features to be axed to bring down the price. But no, Canon has merely omitted a few features from the EOS 450D – highlight tone priority and spot metering, for example, and gone back to the 2.5 inch LCD monitor of the EOS 400D. Also, there are only seven autofocus points on the EOS 1000D, similar to the EOS 350D.

But the EOS 1000D remains a feature-packed camera, with many up-to-the minute functions (Live mode for Live View, and Auto Lighting Optimiser, for example).

It is clear that Canon has introduced a new level of EOS digital. It is significant that

although the EOS 400D replaced the EOS 350D, the EOS 400D was not replaced by the EOS 450D. For the last few months, the EOS 400D has been the 'budget' model, with the EOS 450D the 'consumer' model. The EOS 1000D now replaces the EOS 400D as the budget model.

Canon's target market for the EOS 1000D is probably digital compact camera users who want a little more from their photography. Live View and SD cards are familiar features in this area. Although SLR models only account for about 5% of the digital camera market at the moment, it is an area set for rapid growth.

Among existing EOS users, the EOS 1000D will certainly appeal to some who are on the verge of moving from film to digital. There are plenty of features, and extensive creative control, for experienced photographers.

And if you have an EOS 300D or 350D and want the benefits of a self-cleaning sensor unit, the EOS 1000D is an attractive option.

Name check

EOS 1000D is the European designation of the new camera. In the USA it is known as the EOS Digital Rebel XS, while in Japan it is sold at the EOS KISS Digital F.

Specification