

Product specifications: Canon EOS 30D digital SLR

IMAGE SENSOR	Type	22.5 x 15.0mm CMOS	
	Effective Pixels	Approx. 8.2M	
	Total Pixels	Approx. 8.5M	
	Aspect Ratio	3:2	
	Low-Pass Filter	Built-in/Fixed	
	Colour Filter Type	Primary Colour	
IMAGE PROCESSOR	Type	DIGIC II	
LENS	Lens Mount	EF/EF-S	
	Focal Length	1.6x Multiplication with EF lens fitted	
FOCUSING	Type	TTL-CT-SIR with a CMOS sensor	
	AF System/ Points	9-point AF	
	AF working range	EV -0.5-18 (at 20°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 top LCD panel	
	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	
Manual Focus	Selected on lens		
EXPOSURE CONTROL	Metering modes	TTL full aperture metering with 35 zone SPC (1) Evaluative metering (linked to any AF point) (2) Partial metering (approx. 9% of viewfinder at centre) (3) Spot metering: Centre spot metering (approx. 3.5% viewfinder at centre) (4) Centre weighted average metering	
	Metering Range	EV 1-20 (at 20°C with 50mm f/1.4 lens ISO100)	
	AE Lock	Auto: Operates in 1-shot AF mode with evaluative metering when focus is achieved Manual: By AE lock button in creative zone modes.	
	Exposure Compensation	+/- 2 EV, 1/2 or 1/3-stop increments	
	AEB	+/- 2 EV, 1/2 or 1/3-stop increments	
	ISO Speed Equivalent	100-1600 (in 1/3-stop increments) ISO can be expanded to H: 3200 (selected in Custom Function)	
	SHUTTER	Type	Electronically-controlled focal-plane shutter
		Speed	30-1/8000 sec (1/2 or 1/3 stop increments), Bulb.
		Shutter release	Soft touch electromagnetic release
WHITE BALANCE	Type	Auto white balance with the imaging sensor	
	Settings	AWB, Daylight, Shade, Cloudy, Tungsten, White Fluorescent light, Flash, Custom, Colour Temperature Setting. White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9.	
	WB Bracketing	+/-3 stops in full stop increments 3 bracketed images per shutter release. Selectable Blue/Amber bias or Magenta/ Green bias.	
COLOUR MATRIX	Type	Two types of colour space, sRGB and Adobe RGB.	
VIEWFINDER	Viewfinder	Pentaprism	
	Coverage (Vertical/Horizontal)	Approx. 95%	
	Magnification	0.9x (Note 4)	
	Eyepoint	20mm	
	Dioptre Correction	-3 to +1 dpt	
	Focusing Screen	Fixed	
	Mirror	Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF600mm f4 or shorter)	
	Viewfinder Information	AF information (AF points, focus confirmation light), exposure information (shutter speed, aperture value, ISO speed, AE lock, exposure level/compensation, spot metering circle, exposure warning, AEB), flash information (flash ready, high-speed sync, FE lock, flash exposure compensation), white balance correction, AF confirmation, CF card information	
	Depth of field preview	Yes	
LCD MONITOR	Monitor	2.5" TFT, approx. 230,000 pixel	
	Coverage	Approx. 100% (for JPEG images)	
	Brightness	Adjustable to one of five levels	
FLASH	Modes	Auto, Manual Flash On/Off, Red-Eye Reduction	
	HotShoe/ PC terminal	Yes/ Yes	
	X-sync	1/250sec	
	Red-eye Reduction	Yes	
	Flash Exposure Compensation	+/- 2EV in 1/2 or 1/3 increments	
	Flash Exposure Bracketing	Yes	
	Flash Exposure Lock	Yes	
	Second Curtain Synchronisation	Yes	
	Built-in Flash Range	Coverage up to 17mm focal length (27mm equivalent)	
	Guide Number (ISO 100, meters)	13	
	External Flash	E-TTL II with EX series Speedlites, wireless multi-flash support	

SHOOTING	Modes	Auto, Portrait, Landscape, Close-up, Sports, Night Portrait, No Flash, Program AE, Shutter priority AE, Aperture priority AE, Manual, A-DEP
	Photo Effects	Monochrome (selected from the "Picture Style" menu) with options for Filters and Toning Effects.
	Drive modes	Single/ Continuous L/ Continuous H
	Continuous Shooting	Max. Approx. 5fps. (speed maintained for up to 30 images (JPEG)(Note 1), 11 images (RAW) (Note 2)
RECORDING PIXELS / COMPRESSION	Image Size	(LF) 3504x2336, (LN) 3504x2336, (MF) 2544x1696, (MN) 2544x1696, (SF) 1728x1152, (SN) 1728x1152, (RAW) 3504x2336
	Compression	Fine, Normal, RAW (Canon RAW 2nd edition)
FILE FORMAT	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
	RAW+JPEG simultaneous recording	Yes
	File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
	Processing Parameters	6 Preset 'Picture Styles' with 3 User defined settings
DIRECT PRINT	Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
	PictBridge	Yes
OTHER FEATURES	Custom Functions	19 Custom Functions with 53 settings
	LCD Panel (EL) Illumination	Yes
	Water/ Dust resistance	No
	Sound Memo	No
	Intelligent Orientation Sensor	Yes
	Histogram	Brightness: Yes RGB: Yes
	Playback zoom	1.5x - 10x
	Display Formats	(1) Single image with information (2) Single image (3) 9 image index (4) Magnified view
	Image Erase Protection	Erase protection of one image at a time
	Image Erase	Single image, All
	Self Timer	Approx. 10 sec.
	Menu Categories	(1) Shooting Menu (2) Playback menu (3) Setup menu
	Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Japanese, Traditional Chinese, Korean, Russian
	Firmware Update	Update possible by the user.
INTERFACE	Computer	USB 2.0 Hi-Speed (Mini-B, PTP)
	Other	Video output (PAL/ NTSC)
MEMORY CARD	Type	CompactFlash Type I / II (Microdrive compatible)(Note 3)
SUPPORTED OPERATING SYSTEM	PC	Windows 98SE / 2000 / Me / XP
	Macintosh	OS X v10.2 to v10.4
SOFTWARE	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Other	PhotoStitch, EOS Utility (inc. Remote Capture)
	Drivers	TWAIN (Windows 98/2000), WIA (Windows Me/XP)
	Image Manipulation	Digital Photo Professional (Windows 2000 / XP)
POWER SOURCE	Batteries	Rechargeable Li-ion Battery BP-511/BP-511A or BP-512/BP-514 (BP-511A battery supplied), 1xCR2016 for date & settings
	Battery life	Approx. 750 (at 20°C, AE 50%, FE 50%) (Note 5) Approx. 600 (at 0°C, AE 50%, FE 50%)
	Battery check	Automatic
	Power saving	Power turns off after 1, 2, 4, 8, 15 or 30mins.
	A/C Power Supply	Optional, Power adapter AC-EK2
ACCESSORIES	Case	Semi-Hard case EH17-L
	Lenses	All EF and EF-S lenses
	Flash	Canon Speedlites (220EX, 380EX, 420EX, 430EX, 550EX, 580EX, Macro-Ring-Lite, MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2)
	Battery Grip	BG-E2
	Remote Controller/ Switch	Remote control with N3 type contact
	Power Supply & Battery Chargers	AC Adapter Kit ACK-E2, Compact power adapter CA-PS400, Battery charger CB-5L, Battery charger CG-570, Car Battery Cable Kit CR-560, BP-511A
PHYSICAL SPECIFICATIONS	Body Materials	Magnesium Alloy/Plastic
	Operating Environment	0 – 40 °C, 85% or less humidity
	Dimensions (WxHxD)	144 x 105.5 x 73.5mm
	Weight (body only)	Approx. 700g

1 Large/Fine resolution

2 Depending on memory card speed/capacity

3 Compatible with all memory card capacities, including cards of 2GB and more

4 with 50mm lens at infinity, -1 dpt

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

* Product specifications subject to change without notice