

DSLR		EOS 450D
IMAGE SENSOR		
Type		22.2 x 14.8mm CMOS
Effective Pixels		Approx. 12.2M
Effective / Total Pixels		
Aspect Ratio/Colour		
Total Pixels		Approx. 12.4M
Aspect Ratio		3:2
Low-Pass Filter		Built-in/Fixed with Self Cleaning Sensor Unit
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		DIGIC III
LENS		
Lens Mount		EF/EF-S
Focal Length		1.6x Multiplication with EF lens fitted
Zoom		
Maximum f/number		
Construction		
Image Stabilisation		
Ultrasonic Motor (USM)		
FOCUSING		
Type		TTL-CT-SIR with a CMOS sensor
AF System/ Points		9 AF points (Cross type f/2.8 at centre)
AF working range		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		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
AF Lock/AF Assist Beam		
Manual Focus		Selected on lens
Focus Bracketing		

	Closest Focusing Distance	
EXPOSURE CONTROL		
	Metering modes	TTL full aperture metering with 35-zone SPC (1) Evaluative metering (linked to all AF points) (2) Partial metering at center (approx. 9% of viewfinder) (3) Spot metering at center (approx. 4% 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: Operates in 1-shot AF mode with evaluative metering when focus is achieved Manual: By AE lock button in creative zone modes.
	Exposure Compensation	+/- 3 EV, 1/2 or 1/3-stop increments
	AEB	+/- 3 EV, 1/2 or 1/3-stop increments
	Exposure Compensation / AEB	
	ISO Speed Equivalent	AUTO(100-800), 100, 200, 400, 800, 1600 (in 1/3-stop increments) ISO 200-1600 in Highlight Tone Priority (C.Fn II -3)
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)
	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. White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9.
	Personal White Balance	
	WB Bracketing	+/-3 levels in single level 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	Eye-level SLR (with fixed pentamirror)

	Coverage (Vertical/Horizontal)	Approx. 95%
	Viewfinder / Coverage	
	Magnification	Approx. 0.87x (4)
	Eyepoint	Approx. 19mm (from eyepiece lens center)
	Dioptre Correction	-3 to +1 m-1 (dioptre)
	Eyepoint / Dioptre Correction	
	Focusing Screen	Fixed
	Mirror	Quick-return half mirror (Transmission: reflection ratio of 40:60)
	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), white balance correction, SD card information, monochrome shooting, maximum burst
	Depth of field preview	Yes
	Eyepiece shutter	On strap
LCD MONITOR		
	Monitor	3.0" TFT, approx. 230K dots Live View Mode with selectable grid.
	Coverage	Approx. 100%
	Monitor / Coverage	Adjustable to one of seven levels
	Brightness	Adjustable to one of seven levels
FLASH		
	Modes	Auto, Manual Flash On/Off, Red-Eye Reduction
	HotShoe/ PC terminal	Yes/ No
	X-sync	1/200sec
	Slow Sync Speed	
	Red-Eye Reduction	Yes
	Flash Exposure Compensation	+/- 2EV in 1/2 or 1/3 increments
	Flash Exposure Bracketing	Yes
	Flash Exposure Lock	Yes
	Manual Power Adjustment	
	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
	Continuous Shooting	Max. Approx. 3.5fps. (speed maintained for up to 53 images (JPEG)(1), 6 images (RAW)) (2)
	Intervalometer	
RECORDING PIXELS / COMPRESSION		
	Image Size	(LF) 4272x2848, (LN) 4272x2848, (MF) 3088x2056, (MN) 3088x2056, (SF) 2256x1504, (SN) 2256x1504, (RAW) 4272x2848
	Compression	Fine, Normal, RAW (14bit, Canon original RAW 2nd edition)
	Movies	
	Movie Length	
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 (RAW + Large JPEG only)
	Folders	
	File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
	Processing Parameters	6 Preset 'Picture Styles' with 3 User defined settings
	Movies	
	Sound Files	
DIRECT PRINT		
	Canon Printers	Canon Selphy Printers, Bubble Jet Printers with the direct print function and PIXMA Printers supporting PictBridge
	PictBridge	Yes

OTHER FEATURES		
	Custom Functions	13 Custom Functions with 34 settings
	Personal Functions	
	IPTC Tag	
	LCD Panel (EL) Illumination	N/A
	Water/ Dust resistance	No
	My Camera	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 levels) (2) Single image (3) 4 image index (4) 9 image index (5) Jump Display
	Image Erase Protection	Erase protection of one image at a time
	Image Erase	Single image, All images on card, Checkmarked images, Unprotected images
	Image Erase / Protection	
	Self Timer	Approx. 2 or 10 sec.
	Menu Categories	(1) Shooting menu (2) Playback menu (3) Setup menu (4) My Menu
	Menu Languages	English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Simplified Chinese, Japanese, Traditional Chinese, Korean, Russian, Polish, Hungarian, Czech
	Firmware Update	Update possible by the user.
INTERFACE		
	Computer	USB 2.0 Hi-Speed (Mini-B)
	Other	Video output (PAL/ NTSC)
	Computer/Other	

MEMORY CARD		
	Type	SD card, SDHC card
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 2000 (SP4) / XP (SP2) / Vista (excl. Starter Edition) OS X v10.3-10.4
SOFTWARE		
	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Other	PhotoStitch, EOS Utility (inc. Remote Capture, Original Data Security Tools*) * Requires optional accessory
	Drivers	PTP TWAIN Driver (Windows 2000)
	Image Manipulation	Digital Photo Professional (RAW Image Processing)
POWER SOURCE		
	Batteries	1 x Rechargeable Li-ion Battery LP-E5
	Battery life	Approx. 500 (at 23°C, AE 50%, FE 50%) (5) Approx. 400 (at 0°C, AE 50%, FE 50%)
	Battery check	Automatic
	Power saving	Power turns off after 30sec or 1, 2, 4, 8 or 15mins.
	A/C Power Supply	Optional, AC Adapter Kit ACK-E5
ACCESSORIES		
	General	Eyecup Ef, Eyepiece Extender EP-EX15II, Angle Finder C, Semi-Hard Case EH18-L
	Waterproof / Weatherproof Case	
	Soft Case / Waterproof Case	
	Lenses	All EF and EF-S lenses
	Flash	Canon Speedlites (220EX, 380EX, 420EX, 430EX, 550EX, 580EX, 580EX II, Macro-Ring-Lite MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2)
	Battery Grip	BG-E5
	Remote Controller/ Switch	Remote Switch RS-60E3, Remote Controller RC-1/RC-5
	Power Supply & Battery Chargers	AC Adapter Kit ACK-E5, Battery charger LC-E5E, Car Battery charger CBC-E5, Battery Pack LP-E5
PHYSICAL SPECIFICATIONS		

Body Materials	Stainless Steel/Plastic
Operating Environment	0 – 40 °C, 85% or less humidity
Dimensions (WxHxD)	128.8 x 97.5 x 61.9 mm
Weight (body only)	Approx. 475g

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

Subject to change without notice.

1 Large/Fine resolution

2 Based on Canon's testing conditions with 1GB CF card JPEG quality 8, 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

6 Memory card and battery door only