

DIGITAL CAMERA		EOS 500D
IMAGE SENSOR		
Type		22.3 x 14.9mm CMOS
Effective Pixels		Approx. 15.1M
Total Pixels		Approx. 15.5M
Aspect Ratio		3:2
Low-Pass Filter		Built-in/Fixed with Self Cleaning Sensor Unit
Sensor Cleaning		EOS integrated cleaning system
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		DIGIC 4
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		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, default in Live View Mode
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 (approx. 4% of viewfinder at center) (4) Center weighted average metering
Metering Range		EV 1-20 (at 23°C 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		+/-2 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
AEB		+/- 2 EV, 1/2 or 1/3-stop increments
ISO Sensitivity (8)		AUTO(100-1600), 100, 200, 400, 800, 1600, 3200 Expandable to 6400 + H (approx 12800) in 1-stop increments
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)
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 (dioptr)
	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: White balance correction, SD card information, monochrome shooting, maximum burst (1 digit display), Highlight tone priority (D+)
	Depth of field preview	Yes, with Depth of Field preview button.
	Eyepiece shutter	On strap
LCD MONITOR		
	Type	3.0" TFT, approx. 920K dots
	Coverage	Approx. 100%
	Viewing Angle (horizontally/vertically)	Approx 170°
	Coating	Dual Anti-reflection, 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)	13
	Built-in Flash Coverage	up to 17mm focal length (35mm equivalent: 27mm)
	Built-in Flash recycle time	Approx. 3 seconds
	Modes	Auto, Manual Flash On/Off, Red-Eye Reduction
	Red-Eye Reduction	Yes
	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/ -
	External Flash Compatibility	E-TTL II with EX series Speedlites, wireless multi-flash support
	External Flash Control	via camera menu screen
SHOOTING		
	Modes	Auto, Portrait, Landscape, Close-up, Sports, Night Portrait, No Flash, Movie, Program AE, Shutter priority AE, Aperture priority AE, Manual, A-DEP
	Picture Styles	Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Defined (x3)
	Colour Space	sRGB and Adobe RGB
	Image Processing	Highlight Tone Priority Auto Lighting Optimizer (Basic and Creative modes) Long exposure noise reduction High ISO speed noise reduction Peripheral illumination correction

	Drive modes	Single, Continuous, Self timer (2s, 10s+remote, 10s + continuous shots 2-10)
	Continuous Shooting	Max. Approx. 3.4fps. (speed maintained for up to 170 images (JPEG)(1), 9 images (RAW)) (2)
LIVE VIEW MODE		
	Type	Electronic viewfinder with image sensor
	Coverage	Approx. 100% (horizontally and vertically)
	Frame Rate	30 fps
	Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen) Autofocus: Quick mode, Live mode
	Metering	Real-time evaluative metering with image sensor Active metering time can be changed
	Display Options	Grid overlay, Histogram
FILE TYPE		
	Still Image Type	JPEG: Fine, Normal (Exif 2.21 [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: (L) 4752x3168 (M) 3088x2056, (S) 2256x1504 RAW: (RAW) 4752x3168
	Movie Type	MOV (Video: H.264, Sound: Linear PCM)
	Movie Size	HD (16:9)1920 x 1080P -20fps, 1280x720P -30fps, SD(4:3) 640 x 480 -30fps
	Movie Length	Max duration 29m 59sec, Max file size 4GB
	File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
OTHER FEATURES		
	Custom Functions	13 Custom Functions with 39 settings
	Metadata Tag	User copyright information
	Intelligent Orientation Sensor	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
	Slide Show	Autoplay: All images, repeat
	Histogram	Brightness: Yes RGB: Yes
	Highlight Alert	Yes (Shooting information display only)
	Image Erase/Protection	Erase: Single image, Checkmarked images, Unprotected images Protection: Erase protection of one image at a time
	Data Verification	Original image verification data can be appended to the image (OSK-E3 required for verification)
	Menu Categories	(1) Shooting menu (x2) (2) Playback menu (3) Setup menu (x3) (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 Type C
DIRECT PRINT		
	Canon Printers	Canon SELPHY Printers, Bubble Jet Printers with the direct print function and PIXMA Printers supporting PictBridge
	PictBridge	Yes
STORAGE		
	Type	SD card, SDHC card
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows / XP (SP2/SP3) / Vista (excl. Starter Edition) OS X v10.4-10.5
SOFTWARE		
	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Image Processing	Digital Photo Professional
	Other	PhotoStitch, EOS Utility (inc. Remote Capture, Original Data Security Tools*), Picture Style Editor * Requires optional accessory
POWER SOURCE		
	Batteries	1 x Rechargeable Li-ion Battery LP-E5
	Battery life	Approx. 400 (at 23°C, AE 50%, FE 50%) (5) Approx. 380 (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-E5, Battery charger LC-E5E, Car Battery charger CBC-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. 480g
ACCESSORIES		
	Viewfinder	Eyecup Ef, E-series Dioptic Adjustment Lens with Rubber Frame Ef, Eyepiece Extender EP-EX15II, Angle Finder C
	Case	Semi-Hard Case EH19-L
	Lenses	All EF and EF-S lenses
	Flash	Canon Speedlites (220EX, 270EX, 380EX, 420EX, 430EX, 430EX II, 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
	Other	Original Data Security Kit OSK-E3

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.

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

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

8 Recommended Exposure Index