

DIGITAL CAMERA		EOS 500D
<b>IMAGE SENSOR</b>		
	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
<b>IMAGE PROCESSOR</b>		
	Type	DIGIC 4
<b>LENS</b>		
	Lens Mount	EF/EF-S
	Focal Length	Equivalent to 1.6x the focal length of the lens
<b>FOCUSING</b>		
	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
<b>EXPOSURE CONTROL</b>		
	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
<b>SHUTTER</b>		
	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)
<b>WHITE BALANCE</b>		
	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.
<b>VIEWFINDER</b>		
	Type	Pentamirror

	<p>Coverage (Vertical/Horizontal)</p> <p>Magnification</p> <p>Eyepoint</p> <p>Dioptre Correction</p> <p>Focusing Screen</p> <p>Mirror</p> <p>Viewfinder Information</p> <p>Depth of field preview</p> <p>Eyepiece shutter</p>	<p>Approx. 95%</p> <p>Approx. 0.87x (4)</p> <p>Approx. 19mm (from eyepiece lens centre)</p> <p>-3 to +1 m-1 (dioptre)</p> <p>Fixed</p> <p>Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF600mm f/4 or shorter)</p> <p>AF information: AF points, focus confirmation light</p> <p>Exposure information: Shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, spot metering circle, exposure warning, AEB</p> <p>Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light</p> <p>Image information: White balance correction, SD card information, monochrome shooting, maximum burst (1 digit display), Highlight tone priority (D+)</p> <p>Yes, with Depth of Field preview button.</p> <p>On strap</p>
<b>LCD MONITOR</b>		
	<p>Type</p> <p>Coverage</p> <p>Viewing Angle (horizontally/vertically)</p> <p>Coating</p> <p>Brightness Adjustment</p> <p>Display Options</p>	<p>3.0" TFT, approx. 920K dots</p> <p>Approx. 100%</p> <p>Approx 170°</p> <p>Dual Anti-reflection, anti smudge</p> <p>Adjustable to one of seven levels</p> <p>(1) Quick Control Screen</p> <p>(2) Camera settings</p>
<b>FLASH</b>		
	<p>Built-in Flash GN (ISO 100, meters)</p> <p>Built-in Flash Coverage</p> <p>Built-in Flash recycle time</p> <p>Modes</p> <p>Red-Eye Reduction</p> <p>X-sync</p> <p>Flash Exposure Compensation</p> <p>Flash Exposure Bracketing</p> <p>Flash Exposure Lock</p> <p>Second Curtain Synchronisation</p> <p>HotShoe/ PC terminal</p> <p>External Flash Compatibility</p> <p>External Flash Control</p>	<p>13</p> <p>up to 17mm focal length (35mm equivalent: 27mm)</p> <p>Approx. 3 seconds</p> <p>Auto, Manual Flash On/Off, Red-Eye Reduction</p> <p>Yes</p> <p>1/200sec</p> <p>+/- 2EV in 1/2 or 1/3 increments</p> <p>Yes, with compatible External Flash</p> <p>Yes</p> <p>Yes</p> <p>Yes/ -</p> <p>E-TTL II with EX series Speedlites, wireless multi-flash support</p> <p>via camera menu screen</p>
<b>SHOOTING</b>		
	<p>Modes</p> <p>Picture Styles</p> <p>Colour Space</p> <p>Image Processing</p> <p>Drive modes</p>	<p>Auto, Portrait, Landscape, Close-up, Sports, Night Portrait, No Flash, Movie, Program AE, Shutter priority AE, Aperture priority AE, Manual, A-DEP</p> <p>Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Defined (x3)</p> <p>sRGB and Adobe RGB</p> <p>Highlight Tone Priority</p> <p>Auto Lighting Optimizer (Basic and Creative modes)</p> <p>Long exposure noise reduction</p> <p>High ISO speed noise reduction</p> <p>Peripheral illumination correction</p> <p>Single, Continuous, Self timer (2s, 10s+remote, 10s + continuous shots 2-10)</p>

	Continuous Shooting	Max. Approx. 3.4fps. (speed maintained for up to 170 images (JPEG)(1), 9 images (RAW)) (2)
<b>LIVE VIEW MODE</b>		
	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
<b>FILE TYPE</b>		
	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
<b>OTHER FEATURES</b>		
	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.
<b>INTERFACE</b>		
	Computer	Hi-Speed USB
	Other	Video output (PAL/ NTSC) (integrated with USB terminal), HDMI Type C
<b>DIRECT PRINT</b>		

	Canon Printers PictBridge	Canon SELPHY Printers, Bubble Jet Printers with the direct print function and PIXMA Printers supporting PictBridge Yes
<b>STORAGE</b>		
	Type	SD card, SDHC card
<b>SUPPORTED OPERATING SYSTEM</b>		
	PC & Macintosh	Windows / XP (SP2/SP3) / Vista (excl. Starter Edition) OS X v10.4-10.5
<b>SOFTWARE</b>		
	Browsing & Printing Image Processing Other	ZoomBrowser EX / ImageBrowser Digital Photo Professional PhotoStitch, EOS Utility (inc. Remote Capture, Original Data Security Tools*), Picture Style Editor * Requires optional accessory
<b>POWER SOURCE</b>		
	Batteries Battery life  Battery Indicator Power saving Power Supply & Battery Chargers	1 x Rechargeable Li-ion Battery LP-E5 Approx. 400 (at 23°C, AE 50%, FE 50%) (5) Approx. 380 (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-E5, Battery charger LC-E5E, Car Battery charger CBC-E5
<b>PHYSICAL SPECIFICATIONS</b>		
	Body Materials Operating Environment Dimensions (WxHxD) Weight (body only)	Stainless Steel/Plastic 0 – 40 °C, 85% or less humidity 128.8 x 97.5 x 61.9 mm Approx. 480g
<b>ACCESSORIES</b>		
	Viewfinder  Case Lenses Flash  Battery Grip Remote Controller/ Switch Other	Eyecup Ef, E-series Dioptoric Adjustment Lens with Rubber Frame Ef, Eyepiece Extender EP-EX15II, Angle Finder C Semi-Hard Case EH19-L All EF and EF-S lenses 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) BG-E5 Remote Switch RS-60E3, Remote Controller RC-1/RC-5 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