DIGITAL CAMERA	EOS 5D Mark II
IMAGE SENSOR	
Type	36x 24 mm CMOS
Effective Pixels	Approx 21.1M
Total Pixels	Approx 22.0M
Aspect Ratio	3:2
Low-Pass Filter	Built in/Fixed
Sensor Cleaning	EOS integrated cleaning system with fluorine coating
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC 4
LENS	
Lens Mount	EF (excludes EF-S lenses)
Focal Length	Equivalent to 1.0x the focal length of the lens
FOCUSING	
Type	TTL-CT-SIR with a CMOS sensor
AF System/ Points	9-point AF (plus 6 Assist AF points)
AF working range	EV -0.5 - 18 (at 20ºC & ISO 100)
AF Modes	One Shot
	AI Servo
	AI Focus
AF Point Selection	Automatic selection, Manual selection.
Selected AF point display	Superimposed in viewfinder and indicated on top LCD panel and Quick Control screen
Predictive AF (7)	Yes, up to 8m
AF Lock	Locked when shutter button is pressed half way in One Shot AF mode.
AF Assist Beam	Emitted by an optional dedicated Speedlite
Manual Focus	Selected on lens
AF Microadjustment	C.Fn III-8
	+/- 20 steps
	Adjust all lenses by same amount
	Adjust up to 20 lenses individually
EXPOSURE CONTROL	
Metering modes	TTL full aperture metering with 35 zone SPC
	(1) Evaluative metering (linked to any AF point)
	(2) Partial metering (approx. 8% of viewfinder at centre)
	(3) Spot metering: (approx. 3.5% viewfinder at center)
	(4) Center weighted average metering
Metering Range	EV 1-20 (at 20ºC with 50mm f1.4 lens ISO 100)
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 (100-3200), 100-6400 (in 1/3-stop or whole stop increments)
	ISO can be expanded to H1: 12800 and H2:25600
SHUTTER	
Type	Electronically-controlled focal-plane shutter
Speed	30 - 1/8000 sec. (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	Auto, Daylight, Shade, Cloudy, Tungsten, White Fluorescent light, Flash, Custom, Colour Temperature setting.
	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	Pentaprism
Coverage (Vertical/Horizontal)	Approx. 98%
Magnification	Approx. 0.71x (4)
Eyepoint	Approx. 21mm (from eyepiece lens centre)
Dioptre Correction	-3 to +1 m-1 (dioptre)

	Focusing Screen	Interchangeable (3 types, optional). Standard Focusing Screen Precision Matte Eg-A
	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. Image information: White balance correction, CF card information, monochrome shooting, maximum burst (2 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" Clear View TFT, approx. 920K dots
	Coverage	Approx. 100%
	Viewing Angle (horizontally/vertically)	Approx 170º
	Coating	Dual Anti-reflection
	Brightness Adjustment	Auto 3 levels + Manual adjustable to one of seven levels
	Display Options	(1) Quick Control Screen (2) Camera settings
FLASH		
	Modes	E-TTL Auto Flash
	X-sync	1/200sec
	Flash Exposure Compensation	+/-2 EV in 1/3-stop increments
	Flash Exposure Bracketing	Yes, with compatible External Flash
	Flash Exposure Lock	Yes
	Second Curtain Synchronisation	Yes
	HotShoe/ PC terminal	Yes/ 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, Creative Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom (x3)
	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 (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings) Auto Correction of Lens Peripheral illumination
	Drive modes	Single, Continuous, Self timer /remote control (10s), Self timer /remote control (2s)
	Continuous Shooting	Max. Approx. 3.9fps. (speed maintained for up to 78 images (JPEG)(1)(310 with UDMA card), 13 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, Live Face detection mode
	Metering	Real-time evaluative metering with image sensor Active metering time can be changed
	Display Options	Grid overlay (x2), Histogram, data, no data
FILE TYPE		
	Still Image Type	JPEG: Fine, Normal (Exif 2.21 [Exif Print] compliant) / Design rule for Camera File system (2.0), RAW: RAW, sRAW1, sRAW2 (14bit, Canon original RAW 2nd edition), Digital Print Order Format [DPOF] Version 1.1 compliant

	RAW+JPEG simultaneous recording	Yes, any combination of RAW + JPEG possible.
	Image Size	JPEG: (L) 5616x3744, (M) 4080x2720, (S) 2784x1856, RAW: (RAW) 5616x3744, (sRAW1) 3861x2574, (sRAW2) 2784x1856
	Movie Type	MOV (Video: H.264, Sound: Linear PCM)
	Movie Size	HD 1920 x 1080 (16:9), SD 640 x 480 (4:3) -30fps
	Movie Length	Max duration 29m 59sec, Max file size 4GB
	Folders	New folders can be manually created and selected
	File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
OTHER FEATURES		
	Custom Functions	25 Custom Functions with 71 settings
	Metadata Tag	User copyright information
	LCD Panel / Illumination	Yes / Yes
	Water/ Dust resistance	Yes (9)
	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) Magnified view (6) Jump display
	Slide Show	Image selection: All images, by date, by folder, movies, or stills. Playback time: 1/2/3/5 sec Repeat: On/Off
	Histogram	Brightness: Yes RGB: Yes
	Highlight Alert	Yes
	Image Erase/Protection	Erase: Single image, All images in folder, 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 (x2) (3) Setup menu (x3) (4) Custom Functions menu (5) 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	USB 2.0 Hi-Speed (Mini-B)
	Other	HDMI mini output, Video output (PAL/ NTSC), Microphone input, Extension system terminal (for WFT-E4)
DIRECT PRINT		
	Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
	PictBridge	Yes
STORAGE		
	Type	CompactFlash Type I/ II (Microdrive compatible, UDMA compatible), external storage with WFT-E4
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 2000 (SP4) / XP (SP2/SP3) / Vista inc SP1 (excl. Starter Edition) OS X v10.3-10.5
SOFTWARE		
	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Image Processing	Digital Photo Professional
	Other	PhotoStitch, EOS Utility (inc. Remote Capture, WFT utility*, Original Data Security Tools*), Picture Style Editor * Requires optional accessory
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery LP-E6, 1xCR1616 for date & settings

	Battery life	Approx. 850 (at 20ºC) (5) Approx. 750 (at 0ºC)
	Battery Indicator	6 levels + percentage
	Power saving	Power turns off after 1, 2, 4, 8, 15 or 30mins.
	Power Supply & Battery Chargers	AC Adapter Kit ACK-E6, Battery charger LC-E6E/LC-E6, Car Battery charger CBC-E6, Car Battery Cable CB-570
PHYSICAL SPECIFICATIONS		
	Body Materials	Magnesium Alloy
	Operating Environment	0 – 40 ºC, 85% or less humidity
	Dimensions (WxHxD)	152 x 113.5 x 75
	Weight (body only)	Approx. 810g
ACCESSORIES		
	Viewfinder	Eyecup Eb, E-series Dioptric Adjustment Lens with Rubber Frame Eb, Eyepiece Extender EP-EX15, Focusing Screens Eg, Angle Finder C
	Case	
	Wireless File Transmitter	Wireless File Transmitter WFT-E4
	Lenses	All EF lenses (excludes EF-S lenses)
	Flash	Canon Speedlites (220EX, 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-E6
	Remote Controller/ Switch	Remote control with N3 type contact, Wireless Controller LC-5, Remote Controller RC-1, Remote Controller 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
 Varies depending on the subject, memory card brand and capacity, image recording quality, ISO speed, drive mode,

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

9 Environmental protection