DIGITAL CAMERA		EOS 6D Mark II
IMAGE SENSOR		
	Type	Approx. 35.9 x 24.0 mm CMOS
	Effective Pixels	Approx. 26.2 megapixels
	Total Pixels	Approx. 27.1 megapixels
	Aspect Ratio	3:2
	Low-Pass Filter	Built in/Fixed
	Sensor Cleaning	EOS integrated cleaning system
	Colour Filter Type	Primary Colour
IMAGE PROCESSOR		
	Type	DIGIC 7
LENS		
	Lens Mount	EF (excludes EF-S, EF-M lenses)
	Focal Length	Equivalent to 1.0x the focal length of the lens
	Image Stabilisation	Optical Image Stabilizer on compatible lens Movie: In-camera 5-axis Digital IS available. [29]
FOCUSING		
	Type	Via optical viewfinder: TTL secondary image-forming phase detection system with AF dedicated sensor Via liveview on LCD screen: Dual Pixel CMOS AF System. Phase detection pixels built onto imaging sensor [20]
	AF System/ Points	Via optical viewfinder: 45 cross-type AF points (45 f/5.6 cross-type AF points, 27 f/8 points (9 cross-type), centre point is f/2.8 and f/5.6 dual cross-type) Via liveview on LCD screen:
	AF working range	Via optical viewfinder: EV -3 - 18 (at 23 °C & ISO 100) with centre AF point & f/2.8 or brighter lenses Via liveview on LCD screen: EV -2.5- 18 (at 23 °C & ISO 100) with One-Shot AF
	AF Modes	Via optical viewfinder: One Shot AF Predictive AI Servo AF (AI Servo II algorithm) AI Focus AF Via liveview on LCD screen: One-Shot AF Servo AF
	AF Point Selection	Via optical viewfinder: Automatic selection: 45 point AF Manual selection: Single point/ Spot AF Manual selection: Zone AF Manual selection: Large Zone AF AF points can be selected separately for vertical and horizontal shooting Via LCD screen: Automatic selection: Face AIAF + Tracking, up to 63 AF points when no subject/ face detected
	Selected AF point display	Superimposed in viewfinder and indicated on top LCD panel and Quick Control screen
	Predictive AF (7)	Yes
	AF Lock	Locked when shutter button is pressed half way in One Shot AF mode or AF-ON Button is
	AF Assist Beam	Emitted by an optional dedicated Speedlite or optional Speedlite Transmitter ST-E2
	Manual Focus	Selected on lens
	AF Microadjustment	C.Fn II-16 +/- 20 steps (wide and tele setting for Zooms) Adjust all lenses by same amount Adjust up to 40 lenses individually Adjustments remembered for lens by serial number
EXPOSURE CONTROL		

	Metering modes	Via optical viewfinder:
		7560-pixel RGB+IR metering sensor
		Metering with the area divided into 63 segments (9 × 7)
		(1) Evaluative metering (linked to all AF points)
		(2) Partial metering (approx. 6.5 % of viewfinder)
		(3) Spot metering (approx. 3.2 % of viewfinder)
		(4) Center-weighted average metering
		Via liveview on LCD screen:
		(1) Evaluative metering (315 zones)
		(2) Partial metering (approx. 6.3 % of LCD screen)
		(3) Spot metering (approx. 2.7 % of LCD screen)
		(4) Center-weighted average metering
	Metering Range	Via optical viewfinder:
		EV 1-20 (at 23 °C , ISO 100)
		Via liveview on LCD screen:
		EV 0-20 (at 23 °C, ISO 100, evaluative metering)
	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	+/-5 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
	AEB	2, 3, 5 or 7 Shots +/-3 EV 1/3 or 1/2 stop increments
	ISO Sensitivity	Stills: Auto (100 - 40000), 100 - 40000 (in 1/3-stop or whole stop increments), Manual ISO can be expanded to L: 50, H1: 51200, H2: 102400 [8]
		Movie: Auto (100 - 25600), 100 - 25600 (in 1/3-stop or whole stop increments), Auto ISO/ Manual ISO settings can be expanded to H1: 51200. H2: 102400 [8]
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 (Ambeince priority/White priority), Daylight, Shade, Cloudy, Tungsten, White Fluorescent light, Flash, Custom, Colour Temperature Setting (Approx. 2500 K - 10000 K)
		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
		2, 3, 5 or 7
		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	Fixed (Transmissive LCD screen)
	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, AF area selection mode, AF mode
		Exposure information: Exposure mode, Shutter speed, aperture value, ISO speed, AE lock, exposure level/compensation, Metering mode, spot metering circle, exposure warning, AEB.
		Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light.
		Image information: Card information, maximum burst (2 digit display), Highlight tone priority (D+).
		Composition information: Grid, Electronic level, Aspect Ratio
	Depth of field preview	Yes, with Depth of Field preview button.
	Eyepiece shutter	On strap
LCD MONITOR		
	Type	Touch screen Vari angle 7.7cm (3.0") 3:2 Clear View II TFT, approx. 1040K dots
	Coverage	Approx. 100%
	Viewing Angle (horizontally/vertically)	Approx 170°
	Coating	Anti smudge
	Brightness Adjustment	Adjustable to one of seven levels
	Display Options	(1) Quick Control Screen
		(2) Camera settings
		(3) Electronic Level
FLASH		
	Modes	E-TTL II Auto Flash, Metered Manual

	X-sync	1/180sec
	Flash Exposure Compensation	+/- 3EV 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/ No
	External Flash Compatibility	E-TTL II with EX series Speedlites, wireless multi-flash support (with optional accessory)
	External Flash Control	via camera menu screen
SHOOTING		
	Modes	Scene Intelligent Auto, Creative Auto, Special Scene (Portrait, Group Photo, Landscape, Sports, Kids, Panning [31], Close-up, Food, Candlelight, Night Portrait, Handheld Night Scene, HDR Backlight Control), Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure,
	Picture Styles	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined
	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 + Multi Shot Noise Reduction) Auto Correction of Lens Peripheral illumination, Distortion correction, Chromatic aberration correction and Diffraction correction Multi-exposure HDR Mode RAW image processing - during image Playback only Resize to M or S1, S2
	Drive modes	Single, Continuous L, Continuous H, Self timer (2s + Remote, 10s + Remote, Continuous), Silent single shooting, Silent continous shooting
	Continuous Shooting	Max. Approx. 6.5 fps. (speed maintained for up to 150 images in JPEG, 21 images in RAW) [2]
	Intervalometer	Built-in, number of shots selectable from 1-99 or unlimited. Bulb timer available Timelapse Movie mode available [29]
LIVE VIEW MODE		
	Type	Electronic viewfinder with image sensor
	Coverage	Approx. 100% (horizontally and vertically)
	Frame Rate	29.97 fps
	Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen) Autofocus: Dual Pixel CMOS AF [20], Tracking sensitivity (-3 to +3) and Movie Servo AF Speed (-
	Metering	Real-time evaluative metering with image sensor Active metering time can be changed
	Display Options	Grid overlay (x3), Histogram, Aspect ratios, Electronic Level
FILE TYPE		
	Still Image Type	JPEG: Fine, Normal (Exif 2.30 [Exif Print] compliant) / Design rule for Camera File system (2.0), RAW: RAW, M-RAW, S-RAW (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, M-RAW + JPEG, S-RAW + JPEG possible.
	Image Size	JPEG 3:2: (L) 6240 x 4160, (M) 4160 x 2768, (S1) 3120 x 2080 (S2) 2400 x 1600 JPEG 4:3: (L) 5536 x 4160, (M) 3680 x 2768, (S1) 2768 x 2080, (S2) 2112 x 1600 JPEG 16:9: (L) 6240 x 3504, (M) 4160 x 2336, (S1) 3120 x 1752, (S2) 2400 x 1344 JPEG 1:1: (L) 4160 x 4160, (M) 2768 x 2768, (S1) 2080 x 2080, (S2) 1600 x 1600 RAW: (RAW) 6240 x 4160, (M-RAW) 4680 x 3120, (S-RAW) 3120 x 2080
	Movie Type	MP4: Movie: MPEG4 AVC / H.264 (Video: H.264 inter frame, Sound: Linear PCM / AAC, recording level can be manually adjusted by user) MOV: Motion JPEG (4K 29.97/25.00, time-lapse movies only) ALL-I (FHD 29.97/25.00, time-lapse movies only)
	Movie Size	1920 x 1080 (59.94, 50, 29.97, 25, 23.976 fps) IPB Standard or Light 1280 x 720 (59.94, 50, 29.97, 25 fps) IPB Standard or Light HDR movie [30]: 1920 x 1080 (59.94, 50, 29.97, 25, 23.976 fps) IPB (Standard, Light) Time-lapse movie: 3840 x 2160 (29.97, 25 fps) Motion JPEG 1920 x 1080 (29.97, 25 fps) ALL-I
	Movie Length	Max duration 29min 59sec, Max file size 4GB (If file size exceeds 4GB a new file will be created automatically except in Timelapse Movie mode)
	Folders	New folders can be manually created and selected
	File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
OTHER FEATURES		
	Custom Functions	28 Custom Functions

	Metadata Tag	User copyright information (can be set in camera)
		Image rating (0-5 stars)
		GPS coordinates: Latitude, Longitude, Elevation, Coordinated Universal Time (UTC), Satellite signal acquisition status
	LCD Panel / Illumination	Yes / Yes
	Water/ Dust resistance	Yes
	Sound Memo	No
	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) 36 image index
		(6) 100 image index
		(7) Jump Display
		(8) Movie/edit
	Slide Show	Playback time: 1/2/3/5/10/20 seconds
		Repeat: On/Off
		Background music: On/Off
		Transition effect: Off, Slide in 1, Slide in 2, Fade 1, Fade 2, Fade 3
	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
	Menu Categories	(1) Shooting menu (x5)
		(2) Playback menu (x3)
		(3) Setup menu (x5)
		(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
	GPS	Compatible satellites: GPS satellites (USA), GLONASS satellites (Russia), Quasi-Zenith Satellite System (QZSS) MICHIBIKI (Japan) [32]
		Position update interval: 1 sec., 5 sec., 10 sec., 15 sec., 30 sec., 1 min., 2 min., 5 min.
		Time setting: GPS time data set to camera
		Log data: One file per day, NMEA format
	Firmware Update	Update possible by the user.
INTERFACE		
	Computer	Hi-Speed USB (USB 2.0)
	Wi-Fi	Wi-Fi (2.4GHz) Channels: IEEE802.11b, IEEE802.11g, IEEE802.11n [17]
	Wi-Fi Security	Camera Access Point: WPA2-PSK with AES encryption or open
		Infrastructure: Shared key, with WEP encryption, WPA-PSK/WPA2-PSK with TKIP/AES encryption
	Bluetooth	Bluetooth Specification Version 4.1 compliant (Bluetooth low energy technology) [25]
	NFC	NFC Forum Type 3/4 Tag compliant (dynamic)
	Other	HDMI output (Type-C), External microphone (3.5 mm Stereo mini jack)
DIRECT PRINT		
	Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
	PictBridge	Yes (PictBridge via WLAN compatible)
STORAGE		
	Type	SD, SDHC or SDXC (UHS-I) card
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 10 / 8.1 / 8 / 7 (With Microsoft .NET Framework 4.5 is installed) [24]
		Mac OS X 10.9 / 10.10 / 10.11 / 10.12
SOFTWARE		
	Browsing & Printing	
	Image Processing	Digital Photo Professional 4
	Other	EOS Utility
		EOS Lens Registration Tool
		EOS Web Service Registration Tool
		EOS Sample Music
		Picture Style Editor
		Map Utility
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery LP-E6N (supplied)
	Battery life	Approx. 1200 shots (at 23°C, AE 50%, FE 50%) [5]
		Approx. 1100 shots (at 0°C, AE 50%, FE 50%)
	Battery Indicator	6 levels + percentage
	Power saving	Power turns off after 1, 2, 4, 8 or 15 mins.
	Power Supply & Battery Chargers	AC Adapter AC-E6(N), DC coupler: DR-E6, Battery charger LC-E6E, Car Battery charger CBC-E6
PHYSICAL SPECIFICATIONS		

	Body Materials	Chassis: Aluminum alloy and polycarbonate resin with glass fiber
		Body: Polycarbonate resin with special conductive fiber & Polycarbonate resin with glass fiber on some parts
	Operating Environment	0 – 40 °C, 85% or less humidity
	Dimensions (WxHxD)	144.0 x 110.5 x 74.8 mm
	Weight (body only)	Approx. 765 g (CIPA testing standard, including battery and memory card)
ACCESSORIES		
	Viewfinder	Eyecup Eb, E-series Dioptric Adjustment Lens, Eyepiece Extender EP-EX15II, Angle Finder C
	Case	Protecting Cloth PC-E1
	Wireless File Transmitter	Built in Wi-Fi transmission
	Lenses	All EF lenses (excludes EF-S lenses & EF-M lenses)
	Flash	Canon Speedlites (90EX, 220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 430EX III-RT, 550EX, 580EX, 580EX II, 600EX, 600EX-RT, Macro-Ring-Lite MR-14EX II, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT)
	Battery Grip	Battery Grip BG-E21
	Remote Controller/ Switch	Remote Switch RS-80N3
		Timer Remote Controller TC-80N3
		Remote Controller RC-6
		Wireless Remote Control BR-E1 (via Bluetooth)
	Other	Hand Strap E2
		Interface Cable IFC-400PCU
		Directional Stereo Microphone DM-E1

All data is based on Canon standard testing methods except where indicated.
Subject to change without notice.

2 Based on Canon's testing conditions, JPEG, ISO 100, Standard Picture Style. Varies depending on the subject, memory card brand and capacity, image

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

8 Recommended Exposure Index

10 Sustained continuous shooting speed is tested based on Canon's testing standard. Function requires compatible SDHC/SDXC UHS Speed Class 1 memor

15 Maximum number of AF frame is dependent on selected image aspect ratio

16 Sustained continuous shooting function requires compatible SDHC/SDXC UHS Speed Class 1 memory card, total number of frames captured varies depe

17 Wi-Fi use may be restricted in certain countries or regions.

20 Dual Pixel CMOS AF - AF is possible over an area of approx. 80% Vertical x 80% Horizontal of the frame

23 Equipped with Bluetooth® low energy technology. The Bluetooth® word mark and logos are registered trademarks owned by the BluetoothSIG, Inc. an

24 Software applications compatible with Windows 10 in Windows 10 Desktop Mode only

25 Bluetooth connection requires smart device to be equipped with Bluetooth version 4.0 (or later). Also requires smart device to be using operating system

29 Following lenses are not compatible with in-camera digital stabilisation: EF 50mm f/1.2L USM, EF 85mm f/1.2L II USM, EF 200mm f/2L IS USM, EF 300mm f/2.8

30 HDR Movie available in some SCN Modes only

31 Available when using Liveview via LCD. Maximum effect in Panning Mode available when using following lenses: EF 24-105mm f/4L II IS USM

32 GPS use may be restricted in certain countries or regions. Use of GPS should comply with the laws and regulations of the country and area in which it is b