EOS 5D Mark IV	
IMAGE SENSOR	
Type	36 x 24 mm CMOS
Effective Pixels	Approx. 30.4 megapixels
Total Pixels	Approx. 31.7 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 6+
LENS	
Lens Mount	EF (excludes EF-S / EF-M lenses)
Focal Length	Equivalent to 1.0x the focal length of the lens
FOCUSING	
Type	TTL-secondary image-forming phase-difference detection system with dedicated AF sensor
AF System/ Points	61 Point / max of 41 cross-type AF points inc 5 dual cross type at f/2.8 and 61 points / 21 cross-type AF points at f/8 (11) The number of cross-type AF points will differ depending on the lens.
AF working range	EV -3 - 18 (at 23°C & ISO100)
AF Modes	One Shot AI Focus AI Servo AF
AF Point Selection	Automatic selection: All 61 point AF (based on EOS iTR AF setting) Manual selection: Single point AF (selectable points 61, 15, 9 or cross type only points selectable) Manual selection: Single point Spot AF Manual selection: AF point Expansion 4 points (up, down, left, right) Manual selection: AF point Expansion surrounding 8 points Manual selection: Zone AF (all AF points divided into 9 focusing zones) Manual selection: Large Zone AF (all AF points divided into 3 focusing zones) AF points can be selected separately for vertical and horizontal shooting
Selected AF point display	Transparent LCD in viewfinder and shown on Quick Control screen
AF Lock	Locked when shutter button is pressed half way or AF ON is pressed in One Shot AF mode. Using customised button set to AF stop in AI servo
AF Assist Beam	Emitted by an optional dedicated Speedlite
Manual Focus	Selected on lens
AF Microadjustment	Manual: Enter adjustment +/- 20 steps (wide and tele setting for zoom lenses) Adjust all lenses by same amount Adjust up to 40 lenses individually Adjustments remembered for lens by serial number

EXPOSURE CONTROL		
	Metering modes	Approx. 150,000-pixel RGB+IR metering sensor, 252-zone metering. EOS Intelligent Subject Analysis system (1) Evaluative metering (linked to All AF point) (2) Partial metering (approx. 6.1% of viewfinder at centre) (3) Spot metering: Center spot metering (approx. 1.3% viewfinder at centre) AF point-linked spot metering not provided (4) Centre weighted average metering
	Metering Brightness Range	EV 0 - 20 (at 23°C, ISO100, with evaluative metering)
	AE Lock	Auto: In the One-Shot AF mode with evaluative metering, AE lock takes effect when focus is achieved Manual: By AE lock button in P, Av, Tv and M modes
	Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
	AEB	+/-3 EV in 1/3 or 1/2 stop increments
	Anti-flicker shooting	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz. Maximum continuous shooting speed may decrease
	ISO Sensitivity (8)	Auto 100-32000 (in 1/3-stop or whole stop increments) ISO can be expanded to L:50, H1: 51200, H2: 102400,
SHUTTER		
	Type	Electronically-controlled focal-plane shutter
	Speed	30-1/8000 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 (Ambeince priority/White priority), Daylight, Shade, Cloudy, Tungsten light, 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, 2, 5 or 7 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/ Green bias

VIEWFINDER

	Type	Pentaprism
	Coverage (Vertical/Horizontal)	Approx. 100%
	Magnification	Approx. 0.71x(4)
	Eyepoint	Approx. 21mm (from eyepiece lens centre)
	Dioptre Correction	-3 to +1 m^{-1} (dioptre)
	Focusing Screen	Fixed, with information Transparent LCD overlay
	Mirror	Quick-return half mirror
	Viewfinder Information	AF information: Single/Spot AF points, AF Frame, AF status, Focus indicator, AF mode, AF point selection, AF point registration Exposure information: Shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, flash metering, spot metering circle, exposure warning, AEB, metering mode, shooting mode 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+), JPEG/RAW indicator, Dual Pixel RAW, Digital Lens Optimizer Composition information: Grid, Electronic level Other information: Battery check, Warning symbol, Flicker Detection, drive mode, white balance
	Depth of field preview	Yes, with Depth of Field preview button
	Eyepiece shutter	On strap

LCD MONITOR

	Type	8.10cm (3.2") Clear View LCD II, approx. 1620K dots
	Coverage	Approx. 100%
	Viewing Angle (horizontally/vertically)	Approx 170° vertically and horizontally
	Coating	Anti-reflection and Anti-smudge. Reinforced glass incorporated
	Brightness Adjustment	Manual: Adjustable to one of seven levels Color Tone Adjument: 4 settings
	Touch-screen operations	Capacitive method with menu functions, Quick Control settings, playback operations, and magnified display. AF point selection in Live View and Movies, touch shutter is possible in Live View still photo shooting
	Display Options	(1) Quick Control Screen (2) Camera settings (3) Dual Axis Electronic Level (4) Custom Quick Control Screen

FLASH

	Modes	E-TTL II Auto Flash, Metered Manual
	X-sync	1/200sec
	Flash Exposure Compensation	+/- 3EV in 1/3 increments with EX series Speedlites
	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	Scene Intelligent Auto, Program AE , Shutter priority AE, Aperture priority AE, Manual (Stills and Movie), Bulb and Custom (x3)
	Picture Styles	Auto, Standard, Portrait, Landscape, Fine Detail, 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)
		Lens optical correction (3):
		- Peripheral illumination correction, Chromatic aberration correction (during/after still photo shooting, during Video only)
		- Distortion correction, Diffraction correction, Digital Lens Optimizer (during/after still photo shooting)
		Resize to M, S1, S2 or S3 (6)
		Cropping: JPEG images can be cropped (Aspect ratios 3:2, 4:3, 16:9, 1:1)
		- 45 cropping sizes selectable, from 11% to 95% (diagonal)
		- Switch between vertical and horizontal cropping orientation
		- Cropping frame can be moved using touch screen operation
		RAW image processing (7)
		Multiple exposure
	Drive modes	Single, Continuous High, Continuous Low, Silent Single, Silent Continuous, Self timer (2s+remote, 10s+remote)
	Continuous Shooting	Max. Approx. 7fps. with full AF / AE tracking, speed maintained for up to unlimited number of JPEGs or 21 RAW images (1) (2) (10)
		Max. 4.3fps in Live View mode with AF Tracking
	Interval timer	Built-in, number of shots selectable from 1-99 or unlimited (Selectable interval time - 1sec to 99hr 59mins 59sec). Bulb timer possible (Selectable time - 1sec to 99hr 59mins 59sec)

LIVE VIEW MODE		
	Type	Electronic viewfinder with image sensor
	Coverage	Approx. 100% (horizontally and vertically)
	Frame Rate	29.97 fps (may increase when AF is performed)
	Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen)
		Autofocus: Dual Pixel CMOS AF (Face Detection and Tracking AF, FlexiZone - Single, FlexiZone - Multi), available with all EF lenses and Touch shutter
	Metering	Real-time evaluative metering with image sensor (315-zone)
		Partial metering (approx. 6.3% of Live View screen)
		Spot metering (approx. 2.7% of Live View screen)
		Center-weighted average metering
		Active metering timer can be changed
	Display Options	4 levels available through INFO. button: No information, Basic shooting information, Advanced shooting information and Advanced shooting information with Histogram
		Multiple Exposure status also avaible in Multiple Exposure mode

FILE TYPE - Stills		
	Still Image Type	JPEG: 3 compression options RAW: RAW, M-RAW, S-RAW and Dual Pixel RAW (14bit, Canon original RAW 2nd edition) Complies with Exif 2.30 and Design rule for Camera File system 2.0 Complies with Digital Print Order Format [DPOF] Version 1.1
	RAW+JPEG simultaneous recording	Yes, any combination of RAW + JPEG possible, separate formats to separate cards possible including Dual Pixel RAW +JPEG
	Image Size	JPEG: 3:2 ratio (L) 6720x4480, (M1) 4464x2976, (S1) 3360x2240 , (S2) 1696x1280 , (S3) 640x480 4:3 ratio (L) 5952x4480, (M1) 3968x2976, (S1) 2976x2240 , (S2) 1920x1280 , (S3) 720x480 16:9 ratio (L) 6720x3776, (M1) 4464x2512, (S1) 3360x1888 , (S2) 1920x1080 , (S3) 720x408 1:1 ratio (L) 4480x4480, (M1) 2976x2976, (S1) 2240x2240 , (S2) 1280x1280 , (S3) 480x480 RAW: (RAW) 6720x4480, (M-RAW) 5040x3360, (S-RAW) 3360x2240
	Folders	New folders can be manually created and selected
	File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset

EOS MOVIE		
	Movie Type	MOV Video: 4K (17:9) 4096 x 2160 - Motion JPEG (internal recording only), Full HD, HD - MPEG4 AVC / H.264 variable (average) bit rate, Audio: Linear PCM MP4 Video: Full HD (16:9) 1920 x 1080 - MPEG4 AVC/H.264, Audio: AAC
	Movie Size	4K (17:9) 4096 x 2160 (29.97, 25, 24, 23.98 fps) Motion JPEG Full HD (16:9) 1920 x 1080 (59.94, 50, 29.97, 25, 23.98 fps) intra or inter frame (13) Full HD (16:9) 1920 x 1080 HDR (29.97, 25 fps) inter frame (13) Full HD (16:9) 1920 x 1080 (29.97, 25) lite inter frame HD (16:9) 1280 x 720 (119.9, 100 fps) intra frame
	Colour Sampling (Internal recording)	4K - YCbCr4:2:2 (8 bit) Full HD/ HD - YCbCr4:2:0 (8 bit)
	Movie Length	4K and Full HD - Max duration 29min 59sec. (excluding High Frame Rate movies). No 4GB file limit with exFAT CF card
	High Frame Rate Movie	MOV Video: HD - 1280 x 720 at 100fps or 119.9fps Recorded as 1/4-speed slow motion movie Single scene maximum recording up to 7min 29sec.
	4K Frame Grab	8.8 megapixel JPEG still image frame grab from 4K movie possible
	Bitrate / Mbps	MOV: 4K (29.97p/25.00p/24.00p/23.98p): Approx. 500 Mbps Full HD (59.94p/50.00p)/ALL-I: Approx. 180 Mbps Full HD (59.94p/50.00p)/IPB Approx. 60 Mbps Full HD (29.97p/25.00p/24.00p/23.98p)/ALL-I: Approx. 90 Mbps Full HD (29.97p/25.00p/24.00p/23.98p)/IPB (Standard): Approx. 30 Mbps HD (119.9p/100.0p)/ALL-I: Approx. 160 Mbps MP4: Full HD (59.94p/50.00p)/IPB (Standard): Approx. 60 Mbps Full HD (29.97p/25.00p/24.00p/23.98p)/IPB (Standard): Approx. 30 Mbps Full HD (29.97p/25.00p)/IPB (Light): Approx. 12 Mbps
	Microphone	Built-in monaural microphone (48Khz, 16 bit x 2 ch)
	HDMI Display	External monitor only, External Monitor only without information display or Simultaneous on camera and external monitor

	HDMI Output	Full HD recording only, uncompressed YCbCr 4:2:2, 8-bit, sound output via HDMI is also possible
	Focusing	Dual Pixel CMOS AF with Face Detection and Tracking AF, Movie Servo AF
		Manual Focus
	ISO	4K - Auto: 100-12800, H: 25600, H: 32000, H1: 51200, H2: 102400,
		Full HD / HD - Auto: 100-25600, H: 32000, H1: 51200, H2:102400

BUILT-IN GPS

	Geotag Information	Longitude, Latitude, Elevation, Coordinated Universal Time
	Positioning Modes	Mode 1: Camera continues to receive GPS signals at regular intervals when power is switched off
		Mode 2: GPS is switched off when power is switched off
	Position Update Timing	Intervals of 1 sec., 5 sec., 10 sec., 15 sec., 30 sec., 1 min., 2 min. or 5 min.
	Position Accuracy	Within approx. 30 m/98.4 ft (Based on good GPS satellite reception conditions on a clear day with no surrounding obstructions)
	Compatible Satellite Navigation Systems	• GPS satellites (USA)
		• GLONASS satellites (Russia)
		• Quasi-Zenith Satellite Michibiki (Japan)
	Log Files Format	NMEA Format. One log file per day based
	Log File Usage	Transfer log data to memory card and copy it to a computer
		Use Map Utility to append the log file to the images
	Digital Compass	Not provided

OTHER FEATURES

	Custom Functions	17 Custom Functions with 46 settings
	Metadata Tag	User copyright information (can be set in camera)
		Image rating (0-5 stars)
		IPTC data (registered with EOS Utility)
		Image transfer with caption (Caption registered with EOS Utility)
	LCD Panel / Illumination	Yes / Yes
	Water/ Dust resistance	Yes
	Voice Memo	No
	Intelligent Orientation Sensor	Yes
	Playback zoom	1.5x - 10x in 15 steps
	Display Formats	(1) Single image
		(2) Single image with information (2 levels)
		Basic - Shooting information (shutter speed, aperture, ISO and Image quality)
		Detailed - Shooting information (shutter speed, aperture, ISO, metering Image, quality and file size), Lens information , Brightness and RGB histogram, White balance, Picture Style, Color space and noise reduction, Lens optical correction, GPS information
		(3) 4 image index
		(4) 9 image index
		(5) 36 image index
		(6) 100 image index
		(7) Jump Display (1, 10 or 100 images, Date, Folder, Movies, Stills, Protected images, Rating)
		(8) Movie edit
		(9) RAW processing
		(10) Rating
	Slide Show	Image selection: All images, by Date, by Folder, Movies, Stills, Protected images or Rating
		Playback time: 1/2/3/5/10 or 20 seconds
		Repeat: On/Off
	Histogram	Brightness: Yes
		RGB: Yes

	Highlight Alert	Yes
	Image Erase	Single image, Selected images, Folder, Card
	Image Erase Protection	Erase protection of Single image, Folder or Card
	Self Timer	2 or 10 sec.
	Menu Categories	(1) Shooting menu 1 - 6
		(2) AF Menu 1 - 5
		(3) Playback menu 1 - 3
		(4) Setup menu 1 - 5
		(5) Custom Functions menu 1 - 5
		(6) My Menu (1 - 5 user selectable)
	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 (Camera, Lens, WFT, External Speedlite)

INTERFACE

	Computer	SuperSpeed USB 3.0
	WiFi	Wireless LAN (IEEE802.11b/g/n), (2.4 GHz only), with Dynamic NFC support [12] Features supported - FTP/FTPS, EOS Utility, SmartPhone, Upload to Web , Wireless printing
	Other	HDMI mini out (Type C, HDMI-CEC compatible), External Microphone In / Line In (Stereo mini jack), Headphone socket (Stereo mini jack), N3-type terminal (remote control terminal)

DIRECT PRINT

	PictBridge	Yes (Via Wireless LAN only)

STORAGE

	Type	1x CompactFlash Type I (UDMA 7 compatible) (Incompatible with Type II and Microdrive)
		1x SD/SDHC/SDXC and UHS-I

SUPPORTED OPERATING SYSTEM

	PC & Macintosh	Windows 7 (excl. Starter Edition) Windows 8 and Windows 10
		OS X v10.7-10.11

SOFTWARE

	Image Processing	Digital Photo Professional 4.5 or later (RAW Image Processing)
	Other	EOS Utility 3.5 or later (inc. Remote Capture), Picture Style Editor, Map Utility, EOS Lens Registration Tool, EOS Web Service Registration Tool, Canon Camera connect app (iOS/ Android)

POWER SOURCE

	Batteries	Rechargeable Li-ion Battery LP-E6N (supplied) / LP-E6
	Battery life	Approx. 900 shots (at 23°C) (5)
		Approx. 850 (at 0°C)
	Battery Indicator	6 levels + percentage
	Power saving	Power turns off after 1, 2, 4, 8, 15 or 30mins
	Power Supply & Battery Chargers	Battery charger LC-E6E (supplied), Battery charger LC-E6, AC Adapter AC-E6N and DC Coupler DR-E6, AC Adapter Kit ACK-E6N/ACK-E6, Car Battery Charger CBC-E6

PHYSICAL SPECIFICATIONS

	Body Materials	Magnesium Alloy body and polycarbonate with glass fiber Prism cover
	Operating Environment	0 – 40 °C, 85% or less humidity
	Dimensions (WxHxD)	150.7 x 116.4 x 75.9mm
	Weight (body only)	Approx. 890 g

ACCESSORIES		
	Viewfinder	Eyecup Eg, Eg-series Dioptric Adjustment Lens with Rubber Frame Eg, Anti Fog Eyepiece Eg, Angle Finder C
	Wireless File Transmitter	Wireless File Transmitter WFT-E7B
	Lenses	All EF lenses (excluding EF-S / EF-M lenses)
	Flash	Canon Speedlites (90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 430EX III 550EX, 580EX, 580EX II, 600EX, 600EX-RT, 600EX-II-RT, Macro-Ring-Lite MR-14EX, Macro Ring Lite MR-14EX II, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT)
	Remote Controller/ Switch	Remote control with N3 type contact, Wireless Controller LC-5 and Speedlite 600EX-II-RT
	Other	BG-E20 battery grip, Hand Strap E2, Connect Station CS100

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, JPEG, ISO 100, Standard Picture Style. Maximum fps and buffer capacity may be reduced depending on the cameras settings, light level, subject, memory card brand and capacity, image recording quality, ISO speed, drive mode, Picture Style, Custom functions etc.
3 Not possible with M-RAW and S-RAW
4 with 50mm lens at infinity, -1m^{-1} dpt
5 Viewfinder shooting. Based on the CIPA Standard and using the battery supplied with the camera, except where indicated
6 Frame grab images from 4K movies and images shot in S3 quality cannot be resized
7 RAW image processing during image Playback only with RAW and Dual Pixel RAW only
8 Recommended Exposure Index
10 Figures quoted are when used with UDMA 7 Compact flash memory card
11 The number of AF points, cross-type AF points, and dual cross-type AF points vary depending on the lens used
12 Wi-Fi use may be restricted in certain countries or regions