Image sensor       Type       35.9 x 23.9 mm CMOS         Effective Pixels       Approx. 20.2 megapixels         Total Pixels       Approx. 21.5 megapixels         Aspect Ratio       3:2         Low-Pass Filter       Built-in/Fixed         Sensor Cleaning       EOS Integrated cleaning system         Colour Filter Type       Primary Colour         IMAGE PROCESSOR	oss type at ) ing on the lens. R AF setting)
Effective Pixels       Approx. 20.2 megapixels         Total Pixels       Approx. 21.5 megapixels         Aspect Ratio       3:2         Low-Pass Filter       Built-in/Fixed         Sensor Cleaning       EOS integrated cleaning system         Colour Filter Type       Primary Colour         IMAGE PROCESSOR	oss type at ) ing on the lens. R AF setting)
Total Pixels       Approx. 21.5 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         Dual "DIGIC 6+"       Ensor Cleaning         Lens Mount       EF (excludes EF-S / EF-M lenses)         Focal Length       Equivalent to 1.0x the focal length of the lens         FOCUSING       TL-secondary image-forming phase-difference deterwith dedicated AF sensor         AF System/ Points       61 Point / max of 41 cross-type AF points of 40 and 10 points / 21 cross-type AF points at f/8 (11 The number of cross-type AF points will differ dependid to 1.0x the focal length of the lens         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         Al Servo AF (Al Servo AF III+)         AF Point Selection       Automatic selection: AII 61 point AF (based on EOS ITF Manual selection: Single point AF (based on EOS ITF Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points divided into 5 zones)	oss type at ) ing on the lens. R AF setting)
Aspect Ratio 3:2 Low-Pass Filter Built-in/Fixed Sensor Cleaning EOS integrated cleaning system Colour Filter Type Primary Colour IMAGE PROCESSOR Type Dual "DIGIC 6+" LENS Lens Mount EF (excludes EF-5 / EF-M lenses) Focal Length Equivalent to 1.0x the focal length of the lens FOCUSING Type TL-secondary image-forming phase-difference detect with dedicated AF sensor AF System/ Points 61 Point / max of 41 cross-type AF points inc 5 dual cr f/2.8 and 61 points / 21 cross-type AF points at f/8 (11 The number of cross-type AF points will differ dependid AF working range EV -3 - 18 (at 23°C & ISO100) AF Modes One Shot A Servo AF (AI Servo AF III+) AF Point Selection At Selection: Single point AF (selectable points 6 cross type only points selectable) Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion surrounding 8 p Manual selection: Large Zone AF (all AF points divided focusing zones) AF points can be selected separately for vertical and	oss type at ) ing on the lens. R AF setting)
Aspect Ratio       3:2         Low-Pass Filter       Built-in/Fixed         Sensor Cleaning       EOS integrated cleaning system         Colour Filter Type       Primary Colour         IMAGE PROCESSOR       Type         Lens Mount       EF (excludes EF-S / EF-M lenses)         Focal Length       Equivalent to 1.0x the focal length of the lens         FOCUSING       TL-secondary image-forming phase-difference detect with dedicated AF sensor         AF System/ Points       61 Point / max of 41 cross-type AF points inc 5 dual cr         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         AI Servo AF (Al Servo AF III+)       AF lostection         AF Point Selection       Automatic selection: Single point AF (selectable points 6 cross type only points selectable)         Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: Large Zone AF (all AF points divided into 5 zones)         Manual selection: Large Zone AF (all AF points divided into 5 zones)       AF points divided into 5 zones)	oss type at ) ing on the lens. R AF setting)
Low-Pass Filter       Built-in/Fixed         Sensor Cleaning       EOS integrated cleaning system         Colour Filter Type       Primary Colour         IMAGE PROCESSOR       Type         Dual "DIGIC 6+"       E         Lens Mount       EF (excludes EF-S / EF-M lenses)         Focal Length       Equivalent to 1.0x the focal length of the lens         FOCUSING       Tupe         Type       Tut-secondary image-forming phase-difference detect with dedicated AF sensor         AF System/ Points       61 Point / max of 41 cross-type AF points inc 5 dual cr         f/2.8 and 61 points / 21 cross-type AF points at f/8 (11 The number of cross-type AF points will differ dependied on the focal section: A for the focal on EOS if Manual selection: Single point AF (based on EOS if Manual selection: Single point AF (based on EOS if Manual selection: Single point AF (selectable points 6 cross type only point selectable)         Manual selection: AF point Expansion A points (up, do Manual selection: AF point Expansion surrounding 8 polanual selection: AF point Expansion surrounding 8 polanual selection: AF point Expansion surrounding 8 polanual selection: Large Zone AF (all AF points divided into 5 zones)         Manual selection: Large Zone AF (all AF points divided into 6 zones)       AF points can be selected separately for vertical and	oss type at ) ing on the lens. R AF setting)
Sensor Cleaning Colour Filter Type       EOS integrated cleaning system         IMAGE PROCESSOR       Type         Image: Type       Dual "DIGIC 6+"         Lens       Mount         Focal Length       Equivalent to 1.0x the focal length of the lens         FOCUSING       TIL-secondary image-forming phase-difference detect with dedicated AF sensor         AF System/ Points       61 Point / max of 41 cross-type AF points inc 5 dual cro f/2.8 and 61 points / 21 cross-type AF points at f/8 (11 The number of cross-type AF points will differ dependi AF working range         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot Al Servo AF (Al Servo AF III+)         AF Point Selection       Automatic selection: AII 61 point 5 (point 5 dual cro f/2.8 and 3 point 20°C & ISO100)         AF modes       One Shot Al Servo AF (Al Servo AF III+)         AF point Selection       Automatic selection: AII 61 point AF (based on EOS IIF Manual selection: AII 61 point 5 (point 5 dual cro cross type only point selectable)         Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points divided into 5 zones)         Manual selection: Large Zone AF (all AF points divided into 5 zones)       AF points can be selected separately for vertical and	oss type at ) ing on the lens. R AF setting)
Colour Filter Type       Primary Colour         IMAGE PROCESSOR       Type         LENS       Lens Mount         Focal Length       Equivalent to 1.0x the focal length of the lens         FOCUSING       Type         Type       Tul-secondary image-forming phase-difference detect with dedicated AF sensor         AF System/ Points       61 Point / max of 41 cross-type AF points inc 5 dual cross-type AF points at f/8 (11 The number of cross-type AF points at f/8 (11 The number of cross-type AF points at f/8 (11 The number of cross-type AF points will differ dependided and the sensor         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         AI Servo AF (AI Servo AF III+)       AF Point Selection         Automatic selection: Single point AF (based on EOS IIF Manual selection: Single point AF (based on EOS IIF Manual selection: Single point AF (selectable points 6 cross type only points selectable)         Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion surounding 8 p Manual selection: AF point Expansion surounding 8 p Manual selection: AF point Expansion surounding 8 p Manual selection: Large Zone AF (all AF points divided into 9 zones)         Manual selection: Large Zone AF (all AF points divided focusing zones)       AF points can be selected separately for vertical and	oss type at ) ing on the lens. R AF setting)
IMAGE PROCESSOR         Type       Dual "DIGIC 6+"         Lens       EF (excludes EF-S / EF-M lenses) Focal Length         Focal Length       Equivalent to 1.0x the focal length of the lens         FOCUSING       TIL-secondary image-forming phase-difference detect with dedicated AF sensor         AF System/ Points       61 Point / max of 41 cross-type AF points inc 5 dual cro f/2.8 and 61 points / 21 cross-type AF points at f/8 (11 The number of cross-type AF points will differ dependi         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         AI Servo AF (AI Servo AF III+)         AF Point Selection       Automatic selection: Single point AF (based on EOS ITF Manual selection: Single point AF (based on EOS ITF Manual selection: Single point AF (based on EOS ITF Manual selection: AF point Expansion 4 points (up, do Manual selection: Large Zone AF (all AF points divided into ' zones)         Manual selection: Large Zone AF (all AF points divided focusing zones)       AF points can be selected separately for vertical and	oss type at ) ing on the lens. R AF setting)
Type       Dual "DIGIC 6+"         LENS       EF (excludes EF-S / EF-M lenses) Focal Length         Equivalent to 1.0x the focal length of the lens         FOCUSING         Type         Type         TL-secondary image-forming phase-difference detect with dedicated AF sensor         AF System/ Points         61 Point / max of 41 cross-type AF points inc 5 dual cro- f/2.8 and 61 points / 21 cross-type AF points at f/8 (11 The number of cross-type AF points will differ dependi         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         AI Servo AF (AI Servo AF III+)         AF Point Selection       Automatic selection: Single point AF (based on EOS iTF Manual selection: Single point AF (selectable points 6 cross type only points selectable)         Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion surrounding 8 p Manual selection: Large Zone AF (all AF points divided focusing zones)         AF points can be selected separately for vertical and	oss type at ) ing on the lens. R AF setting)
LENS       Lens Mount Focal Length       EF (excludes EF-S / EF-M lenses) Equivalent to 1.0x the focal length of the lens         FOCUSING       TTL-secondary image-forming phase-difference deterwith dedicated AF sensor         AF System/ Points       61 Point / max of 41 cross-type AF points inc 5 dual cross-type AF points at f/8 (11 The number of cross-type AF points will differ dependid         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         AF Point Selection       Al Servo AF (Al Servo AF III+)         AF Point Selection       Automatic selection: Single point AF (based on EOS iTF Manual selection: Single point AF (selectable points 6 cross type only points selectable)         Manual selection: AF point Expansion 4 points (up, do Manual selection: Core AF (all AF points divided into 9 zones)         Manual selection: AF point Expansion 4 points divided into 9 zones)       AF points can be selected separately for vertical and	oss type at ) ing on the lens. R AF setting)
Lens Mount Focal Length       EF (excludes EF-S / EF-M lenses) Equivalent to 1.0x the focal length of the lens         FOCUSING       Type         Type       TIL-secondary image-forming phase-difference detect with dedicated AF sensor         AF System/ Points       61 Point / max of 41 cross-type AF points inc 5 dual cro f/2.8 and 61 points / 21 cross-type AF points at f/8 (11 The number of cross-type AF points will differ dependid         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         AI Servo AF (AI Servo AF III+)         AF Point Selection       Automatic selection: Single point AF (based on EOS iTF Manual selection: Single point AF (selectable points 6 cross type only points selectable)         Manual selection: AF point Expansion 4 points (up, do Manual selection: Core AF (all AF points divided into 4 zones)         Manual selection: Large Zone AF (all AF points divided focusing zones)       AF points can be selected separately for vertical and	oss type at ) ing on the lens. R AF setting)
Focal Length       Equivalent to 1.0x the focal length of the lens         FOCUSING       Type       TIL-secondary image-forming phase-difference detect with dedicated AF sensor         AF System/ Points       61 Point / max of 41 cross-type AF points inc 5 dual cross-type AF points at f/8 (11)         The number of cross-type AF points will differ dependid         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         AI Servo AF (AI Servo AF III+)         AF Point Selection       Automatic selection: All 61 point AF (based on EOS IIF)         Manual selection: Single point Spot AF         Manual selection: AF point Expansion 4 points (up, do Manual selection: AF point Expansion 4 points (up, do Manual selection: Zone AF (all AF points divided into 9 zones)         Manual selection: Large Zone AF (all AF points divided into 9 zones)	oss type at ) ing on the lens. R AF setting)
FOCUSING       Type       TIL-secondary image-forming phase-difference detection         AF System/ Points       61 Point / max of 41 cross-type AF points inc 5 dual cross-type AF points at f/8 (11)         The number of cross-type AF points will differ dependid         AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         AI Servo AF (Al Servo AF III+)         AF Point Selection       Automatic selection: Single point AF (based on EOS iTF         Manual selection: Single point AF (selectable points 6 cross type only points selectable)         Manual selection: AF point figure at selection: AF point figure at selection: AF point figure at selection for a point (up, do Manual selection: AF point figure at selection figure at selection: Zone AF (all AF points divided into figure at selection: Large Zone AF (all AF points divided into figure at selection: Large Zone AF (all AF points divided focusing zones)	oss type at ) ing on the lens. R AF setting)
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AF working range       EV -3 - 18 (at 23°C & ISO100)         AF Modes       One Shot         AI Servo AF (AI Servo AF III+)         AF Point Selection       Automatic selection: All 61 point AF (based on EOS iTF         Manual selection: Single point AF (selectable points 6         cross type only points selectable)         Manual selection: AF point Expansion 4 points (up, do         Manual selection: AF point Expansion surrounding 8 p         Manual selection: Zone AF (all AF points divided into 9         zones)         Manual selection: Large Zone AF (all AF points divided focusing zones)         AF points can be selected separately for vertical and	R AF setting)
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Manual selection: Large Zone AF (all AF points divided focusing zones) AF points can be selected separately for vertical and	0
focusing zones) AF points can be selected separately for vertical and	d into 3
AF points can be selected separately for vertical and	
shooting	horizontal
Selected AF point display Superimposed in viewfinder and shown on Quick Co	ntrol screen
Selected AL point display Superimposed in viewinder and shown of Quick Co	
AF Lock Locked when shutter button is pressed half way or AF	ON is proseed
	ON IS pressed
in One Shot AF mode	
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. 360,000-pixel RGB+IR metering sensor, 216-zoi	ne metering.
EOS Intelligent Subject Analysis system	-
(1) Evaluative metering (linked to All AF point)	
(1) Evaluative meleting (inked to Air Air point) (2) Partial metering (approx. 6.2% of viewfinder at cer	ntrol
	m©)
(3) Spot metering:	
Center spot metering (approx. 1.5% viewfinder at cer	itre)
AF point-linked spot metering	
Multi-spot metering	
(4) Centre weighted average metering	
Metering Brightness Range EV 0 - 20 (at 23°C, ISO100, with evaluative metering)	
	ring AElect
AE Lock Auto: In the One-Shot AF mode with evaluative meter	ing, at 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	ed with AEB).
AEB +/-3 EV in 1/3 or 1/2 stop increments	

	Anti-flicker shooting ISO Sensitivity (8)	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz. Maximum continuous shooting speed may decrease Auto 100-51200 (in 1/3-stop or whole stop increments) ISO can be expanded to L:50, H1: 102400, H2: 204800, H3: 409600
SHUTTER	Type Speed Shutter Release	Electronically-controlled focal-plane shutter 30-1/8000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode) Soft touch electromagnetic release
WHITE BALANCE	-	
	Type Settings Custom White Balance WB Bracketing	Auto white balance with the imaging sensor 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 Yes, 5 setting can be registered +/-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 Coverage (Vertical/Horizontal)	Pentaprism Approx. 100%
	Magnification Eyepoint Dioptre Correction Focusing Screen Mirror Viewfinder Information	Approx76x(4) Approx. 20mm (from eyepiece lens centre) -3 to +1 m <sup>-1</sup> (dioptre) Interchangeable. Standard Focusing Screen Ec-C6 provided. Can be changed to Ec-A, B or L Quick-return half mirror 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+). Composition information: Grid, Electronic level Other information: Battery check, Warning symbol, Flicker Detection, drive mode, white balance, JPEG/RAW indicator Yes, with Depth of Field preview button
	Depth of field preview Eyepiece shutter	Yes, with Depth of Field preview button Built-in
LCD MONITOR	Type Coverage Viewing Angle (horizontally/vertically) Coating Brightness Adjustment Touch-screen operations Display Options	<ul> <li>8.11cm (3.2") Clear View LCD II, approx. 1620K dots</li> <li>Approx. 100%</li> <li>Approx 170° vertically and horizontally</li> <li>Anti-reflection and Anti-smudge. Reinforced glass incorporated</li> <li>Manual: Adjustable to one of seven levels</li> <li>Capacitive method. During Live View shooting and Movie shooting for AF Point Selection / Switching and for Magnified View. Touch-screen can be disabled</li> <li>(1) Quick Control Screen</li> <li>(2) Camera settings</li> <li>(3) Dual Axis Electronic Level</li> <li>(4) Custom Quick Control Screen</li> </ul>

FLASH		
	Modes	E-TTL II Auto Flash, Metered Manual
	X-sync	1/250sec
	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	Program AE, Shutter priority AE, Aperture priority AE, Manual (Stills
		and Movie), Bulb, 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
		- Distortion correction (during/after still photo shooting)
		- Diffraction correction (during/after still photo shooting)
		- Digital Lens Optimizer (after still photo shooting)
		Resize to M1, M2 or S (6)
		Cropping: JPEG images can be cropped (Aspect ratio is fixed - 3:2
		or 2:3)
		- 41 cropping sizes selectable, from 13% 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
		Continous High, Silent Continuous Low, Self timer (2s+remote,
		10s+remote)
	Continuous Shooting	Max. Approx. 14fps. with full AF / AE tracking, speed maintained for
		up to unlimited number of JPEGs or 170 RAW images, with CFast
		2.0™ card (1) (2) (10)
		Max. 16fps in Live View mode with mirror locked up and exposure
		and AF locked on first frame
LIVE VIEW MODE	Tuno	
	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 (Face Detection and Tracking AF,
		FlexiZone - Single), available with all EF lenses
	Matarina	Pool time avaluative matering with image senser (215 -and)
	Metering	Real-time evaluative metering with image sensor (315-zone)
		Partial metering (approx. 6.5% of Live View screen)
		Spot metering (approx. 2.8% of Live View screen)
		Center-weighted average metering
		Active metering timer can be changed
	Display Options	3 levels available through INFO. button: No information, Basic
		shooting information, Histogram
		Multiple Exposure status also avaible in Multiple Exposure mode

FILE TYPE - Stills		
	Still Image Type	JPEG: 10 compression options RAW: RAW, M-RAW, S-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 Image Size	Yes, any combination of RAW + JPEG possible, separate formats to separate cards possible JPEG: (L) 5472x3648, (M1) 4368x2912, (M2) 3648x2432, (S) 2736x1824 RAW:
	Folders File Numbering	<ul> <li>(RAW) 5472x3648, (M-RAW) 4104x2736, (S-RAW) 2736x1824</li> <li>New folders can be manually created and selected</li> <li>(1) Consecutive numbering</li> <li>(2) Auto reset</li> <li>(3) Manual reset</li> </ul>
EOS Movie		
	Movie Туре	MOV Video: 4K (17:9) 4096 x 2160 - Motion JPEG (internal recording only), Full 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 Full HD (16:9) - 1920 x 1080
	Frame Rate	119.9p/59.94p/29.97p/24.00p/23.98p (with NTSC) 100.0p/50.00p/25.00p/24.00p (with PAL) 119.9p/100.0p in Full HD quality High Frame Rate movie only
	Colour Sampling (Internal	4K - YCbCr4:2:2 (8 bit)
	recording)	Full 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 or CFast card
	High Frame Rate Movie	MOV Video: Full HD - 1920 x 1080 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 Microphone	MOV: 4K (59.94p/50.00p): Approx. 800 Mbps 4K (29.97p/25.00p/24.00p/23.98p): Approx. 500 Mbps Full HD (119.9p/100.0p)/ALL-I: Approx. 360 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 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 (Standard): Approx. 60 Mbps Full HD (29.97p/25.00p)/IPB (Light): Approx. 12 Mbps 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 Dual Pixel CMOS AF with Face Detection and Tracking AF, Movie
	Focusing	Servo AF Manual Focus
	ISO	4K - Auto: 100-12800, H: 25600, H1: 51200, H2: 102400, H3: 204800 Full HD - Auto: 100-25600, H: 51200, H1: 102400, H2: 204800
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Built-in GPS		
	Geotag Information Positioning Modes	Longitude, Latitude, Elevation, Coordinated Universal Time 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	<ul> <li>GPS satellites (USA)</li> <li>GLONASS satellites (Russia)</li> <li>Quasi-Zenith Satellite Michibiki (Japan)</li> </ul>
	Log Files Format Log File Usage	NMEA Format. One log file per day based 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 Metadata Tag	34 Custom Functions with 104 settings User copyright information (can be set in camera) Image rating (0-5 stars) Image transfer with caption (Caption registered with EOS Utility)
	LCD Panel / Illumination Water/ Dust resistance Voice Memo Intelligent Orientation Sensor Playback zoom Display Formats	Yes / Yes Yes Up to 30sec per image - 48Khz/16 Bit or 8Khz/8 Bit Yes 1.5x - 10x (1) Single image (2) Single image with information (2 levels - Basic and Detailed) Lens information 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 (5) 36 image index (6) 100image 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, Rating Playback time: 1/2/3/5/10 or 20 seconds Repeat: On/Off
	Histogram	Brightness: Yes RGB: Yes
	Highlight Alert Image Erase Image Erase Protection Self Timer Menu Categories	Yes Single image, Selected images, Folder, Card Erase protection of Single image, Folder or Card 2 or 10 sec. (1) Shooting menu 1 - 6 (2) AF Menu 1 - 5 (3) Playback menu 1 - 3 (4) Setup menu 1 - 4 (5) Custom Functions menu 1 - 8 (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 Other	SuperSpeed USB 3.0 HDMI mini out (Type C, HDMI-CEC compatible), System Extension Terminal (for WFT-E8 and WFT-E6), External Microphone In / Line In (Stereo mini jack), Headphone socket (Stereo mini jack), RJ-45 (gigabit ethernet), N3-type terminal (remote control terminal)
DIRECT PRINT		
	Canon Printers PictBridge	Canon Compact Photo Printers and PIXMA Printers Yes
STORAGE		
	Туре	1x CompactFlash Type I (UDMA 7 compatible) (Incompatible with Type II and Microdrive) 1x CFast 2.0™
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 7 (excl. Starter Edition) Windows 8 and Windows 10 OS X v10.7-10.11
SOFTWARE		
	Image Processing Other	Digital Photo Professional 4 (RAW Image Processing) EOS Utility 3 (inc. Remote Capture ), Picture Style Editor
POWER SOURCE		
	Batteries Battery life Battery Indicator	Rechargeable Li-ion Battery LP-E19 (supplied) / LP-E4N / LP-E4 Approx. 1210 shots (at 23°C) (5) Approx. 1020 (at 0°C) 6 levels + percentage
	Power saving Power Supply & Battery Chargers	Power turns off after 1, 2, 4, 8, 15 or 30mins Battery charger LC-E19 (supplied), AC Adapter AC-E19, DC Coupler DC-E19, AC Adapter kit ACK-E4
PHYSICAL SPECIFICATIONS		
	Body Materials Operating Environment Dimensions (WxHxD) Weight (body only)	Magnesium Alloy body covers 0 – 45 °C, 85% or less humidity 158 x 167.6 x 82.6mm Approx. 1340 g
ACCESSORIES	Viewfieder	Fue ou vo For For action Diantizio Adiustro ant Long with Dutcher France
	Viewfinder Wireless File Transmitter	Eyecup Eg, Eg-series Dioptric Adjustment Lens with Rubber Frame Eg, Anti Fog Eyepiece Eg, Angle Finder C Wireless File Transmitter WFT-E8 Wireless File Transmitter WFT-E6
	Lenses Flash	All EF lenses (excluding EF-S / EF-M lenses) Canon Speedlites (90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 430EX III 550EX, 580EX, 580EX II, 600EX, 600EX-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-RT
	Other	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(Quality 8) 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<sup>-1</sup> 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 S quality cannot be resized

7 RAW image processing during image Playback only

8 Recommended Exposure Index

10 Figures quoted are when used with CFast 2.0<sup>™</sup> cards

11 The number of AF points, cross-type AF points, and dual cross-type AF points vary depending on the lens used