



Туре	
Туре	Digital single-lens non-reflex AF/AE camera
Image Processor	DIGIC X
Recording Media	SD card • SD card speed class-compatible. • Compatible with UHS-II • Eye-Fi cards and Multimedia cards (MMC) are not supported.
Compatible Lenses	Canon RF-S/RF lens group (excluding EF, EF-S and EF-M lenses) When using Mount Adapter EF-EOS R: Canon EF or EF-S lenses (excluding EF-M lenses)
Lens Mount	Canon RF mount
Image Sensor	
Туре	CMOS sensor (compatible with Dual Pixel CMOS AF)
Effective Pixels	Approx. 32.5 megapixels
Sensor Size	Approx. 22.3 x 14.8 mm
Pixel Size	Approx. 3.2 μm square
Total Pixels	Approx. 34.4 megapixels
Aspect Ratio	3:2 (Horizontal: Vertical)
Color Filter System	RGB primary color filters
Low Pass Filter	Installed in front of the image sensor, non-detachable
Dust Deletion Feature	 (1) Self Cleaning Sensor Unit Removes dust adhering to the low-pass filter. At power off only / Enable / Disable. Performed automatically (taking about approx. 2 sec. as indicated on the screen) or manually (taking about approx. 7 sec. as indicated on the screen). After manually activated cleaning, the camera will automatically restart (Power OFF to ON). When [Multi Shot Noise Reduction], [Multiple exposures], or [HDR mode] is set, [Clean now] and [Clean manually] cannot be selected. (2) Dust Delete Data acquisition and appending The coordinates of the dust adhering to the low-pass filter are detected by a test shot and appended to subsequent images. The dust coordinate data appended to the image is used by the EOS Canon Digital Professional Software to automatically erase the dust spots. Not available in focus bracketing, RAW burst mode, or multiple-exposure shooting. (3) Manual cleaning (by hand)

Recording System	
Recording Format	Compliant to Design rule for Camera File system 2.0 and Exif 2.31*. *Supports time difference information.
Image Format	Still: JPEG, HEIF, RAW, Dual Pixel RAW, Raw Burst, C-RAW (CR3); Movies: ALL-I*, IPB, IPB Light * Time-lapse movies only
HDR Mode- Continuous Shooting	(1) 1 shot only (2) Every shot
Advanced shooting operations	(1) Focus Bracketing (2) Interval Timer (3) Bulb Timer (4) Multi-Shot NR
Image Quality	3:2 Aspect Ratio Large/HEIF/RAW: 6960 x 4640 Medium: 4800 x 3200 Small 1: 3472 x 2320' Small 2: 2400 x 1600 4:3 Aspect Ratio Large: 6160 x 4640' Medium: 4256 x 3200' Small 1: 3072 x 2320' Small 2: 2112 x 1600' RAW: 6960 x 4640 16:9 Aspect Ratio Large: 6960 x 3904' Medium: 4800 x 2688' Small 1: 3472 x 1952' Small 2: 2400 x 1344* RAW: 6960 x 4640 1:1 Aspect Ratio Large: 4640 x 4640 Medium: 3200 x 3200 Small 1: 2320 x 3220 Small 2: 1600 x 1600 RAW: 6960 x 4640 • Values for Recording Pixels are rounded to the nearest 100,000th. • RAW/C-RAW images are generated at 3:2, with information added about the specified aspect ratio, and JPEG images are generated at the specified aspect ratio. • These aspect ratios (M / S1 / S2) and pixel counts also apply to resizing. * Indicate an inexact proportion.
File Numbering	The following file numbers can be set: File numbering methods a. Continuous numbering i. The numbering of captured images continues even after you replace the card. b. Auto reset i. When you replace the card, the numbering will be reset to start from 0001. If the new SD card already contains images, the numbering will continue from the last recorded image in the card.
RAW + JPEG / HEIF Simultaneous Recording	Simultaneous recording of any combination of RAW/C-RAW and JPEG/HEIF image-recording quality is supported.

Color Space	Selectable between sRGB and Adobe RGB					
Picture Style	(1) Auto (2) Standard (3) Portrait (4) Landscape (5) Fine Detail (6) Neutral (7) Faithful (8) Monochrome (9) User Defined 1–3					
White Balance						
Settings	(1) Auto (Ambience priority/White priority) (2) Daylight (3) Shade (4) Cloudy¹ (5) Tungsten light (6) White fluorescent light (7) Flash (8) Custom² (Custom WB) (9) Color temperature ¹ Effective also in twilight and sunset. ² Setting method options include [Custom White Balance] and [Shoot to set WB].					
Auto White Balance	Option between ambience priority and white priority settings.					
White Balance Shift	Blue/amber bias: ±9 levels Magenta/green bias: ±9 levels Corrected in reference to the current WB mode's color temperature. Blue/amber and magenta/green shift can be set at the same time.					
Viewfinder						
Туре	OLED color electronic viewfinder; approx. 2.36 million dots resolution					
Coverage	Approx. 100% vertically and horizontally relative to the shooting image area (with image quality L, at approx. 22mm eyepoint).					
Magnification / Angle of View	Approx. 1.15x / Approx. 33 degrees (with 3:2 display, an 50mm lens at infinity, -1 m ⁻¹)					
Eye Point	Approx. 22mm (at -1 m ⁻¹ from the eyepiece lens end)					
Dioptric Adjustment Range	Approx4.0 to + 2.0 m ⁻¹ (dpt)					
Autofocus						
Focus Method	Dual Pixel CMOS AF					
Number of AF zones available for Automatic Selection	AF area: Horizontal: Approx. 100% x Vertical: Approx. 100%* Stills: Max. 651 zones (31 x 21) Movies: Max. 527 zones (31 x 17)					
AF Working Range	EV -5 to 20 (f/1.2 lens*, center AF point, One-Shot AF, at room temperature, ISO 100) * Except RF lenses with a Defocus Smoothing (DS) coating.					
Focusing brightness range (in movie recording)	Full HD 29.97fps: EV -3.5 to 20 With an f/1.2 lens*, center AF point, One-Shot AF,at room temperature, ISO 100 * Except RF lenses with a Defocus Smoothing (DS) coating.					

	AF Method					
	Whole area AF					
	Spot AF					
	1-point AF					
	Expand AF Area					
AF Methods	(Above, below, left and right, around)					
	Expand AF Area: Around					
	Flexible Zone AF 1,2,3					
Subject to Detect	People, Animals, Vehicles, No Priority • Available with [AF Area] set to Whole area AF					
	AF / MF					
Focus mode switch	 Applies when an RF or RF-S lens without a focus mode switch is attached. 					
	 When lenses with a focus mode switch are attached, the setting on the lens takes precedent 	ce.				
Exposure Control						
	Real-time metering with image sensor (384 zones [24x16 zone metering])					
	(1) Evaluative metering					
Metering Modes	(2) Partial metering (approx. 6.0% of the area at the center of the screen)					
	(3) Spot metering (approx. 3.0% of the area at the center of the screen)					
	(4) Center-weighted average metering					
Metering Range Still Photo Shooting: EV -2 to 20 (at room temperature, ISO 100)						
motering Nange	Movie Recording: EV 0 to 20 (at room temperature, ISO 100)					

			Sho	Shooting mode		
	Mode dial	Mode dial		Movie recording		
			Power switch: On	Power switch: Movie		
		A+	Scene Intelligent Auto	Scene Intelligent Auto movies		
Exposure Control Modes		SCN	Special scene Portrait Group photo Landscape Panoramic shot Sports Kids Panning Close-up Food	HDR movies		
	Basic Zone		Night Portrait Handheld Night Scene HDR Backlight Control Silent shutter Creative filters Grainy B/W			
		Creative filters	Soft focus Fish-eye effect Water painting effect Toy camera effect Miniature effect HDR art standard HDR art vivid HDR art bold HDR art embossed	Dream Old Movies Memory Dramatic B&W Miniature effect movie		
		Fv	Flexible-priority AE	Movie auto exposure		
		Р	Program AE	Movie auto exposure		
	Croative Zone	Tv	Shutter-priority AE	Movie shutter-priority auto exposure		
	Creative Zone	Av	Aperture-priority AE	Movie aperture-priority auto exposure		
		М	Manual exposure	Movie manual exposure		
		В	Bulb exposure	Movie auto exposure		
	Custom Shooting Modes	C1, C2, C3	Custom shooting	Custom shooting		

Available ISO speeds; user-set

Normal	ISO 100–32000 (in 1/3- or 1-stop increments)
Expanded	H (equivalent to ISO 51200)

- For [Highlight tone priority], the settable ISO speed range will be ISO 200 to 32000.
- Expanded ISO cannot be set for HDR mode or during HDR PQ shooting.

User-defined ISO range - still photo shooting

ISO Speed Range	ISO speed
Minimum	L 100 – 32000 (in 1-stop increments)
Maximum	ISO 200 – H (51200) (in 1-stop increments)

^{*} Expanded ISO speeds are noted as being "equivalent" to these speeds.

User-defined Auto ISO range - still photo shooting

· ·	
Auto Range	ISO speed
Minimum	ISO 100–25600 (in 1-stop increments)
Maximum	ISO 200–32000 (in 1-stop increments)

ISO Speed Range

ISO Auto details in still photo shooting

Shooting mode			Using Flash			
Variable control of maximum ISO Auto limit for E-TTL		No Flash	Compatible lens	Incompatible lens		
P						
	TV	ISO 100*1*2–32000 ⁻²	ISO 100*1*2-6400*2	ISO 100*1*2-1600*2		
Creative Zone	AV	130 100 1 2–32000				
	М					
	В	ISO 400 ⁻³	ISO 400 ⁻³	ISO 400*3		
	A+	ISO 100-6400	ISO 100-6400	ISO 100-1600		
Basic Zone	SCN	Varies by shooting mode				
	Creative Filters	Varies by shooting mode				

- * 1: ISO 200 when [Highlight tone priority] is set to [Enable] or [Enhanced].
- * 2: Varies depending on [Maximum] and [Minimum] of [Auto range].
- * 3: If outside the setting range, changed to the value most close to ISO 400.

Exposure Compensation

	Photo Movie		
Manual	±3 stops in 1/3- or 1/2-stop increments		
AEB	±3 stops in 1/3- or 1/2-stop increments		

AE Lock

- (1) Auto AE lock
 - The metering mode for AE lock after one-shot focus can be customized.
- (2) User-applied AE lock
 - In the Fv, P, Tv, Av and M modes, enabled with the AE lock button. (Press again to update.)
 - · Enabled in all metering modes.

Shutter							
Туре	(1) Mechanical (2) Electronic 1st-Curtain (3) Electronic Shutter (1st and 2nd curtain - silent*) * Cannot be used in conjunction with the following functions: flash photography, HDR shooting, multiple exposures, Multi Shot Noise Reduction, AEB, HDR PQ, anti-flicker shooting, Dual Pixel RAW shooting, Digital Lens Optimizer [High]. * A shutter release sound is not generated. However, note that the sounds other than the shutter release sound (aperture, focusing lens drive sound/electronic sound, etc.) may be generated. * In electronic shutter shooting under conditions such as flash firing by other cameras or with fluorescent lighting or other flickering light sources, a strip of light or banding due to the brightness difference may be recorded in the image.						
Shutter Speeds	When [Mechanical] or [Elec. 1st- When [Electronic] is set: 1/16000	-	000-30 sec, bulb				
X-sync Speed	Mechanical Shutter: 1/250 sec. Elec. 1st-curtain: 1/320 sec.						
Shutter Release	Soft-touch electromagnetic release						
Self Timer	10-sec. delay, 2-sec. delay						
Shutter Lag Time	Mechanical Shutter Electronic 1st curtain Shutter						
Based on Canon testing standards. Image Stabilization (IS mode)							
Still Photo IS	In-body IS operation can be selected when using a non-IS lens. • Always on • Only for shot						

	Lens			Lens	s IS	IBIS			
Lens Mount	Lens IS Support			Pitch/ YAW	X/Y	Pitch/ YAW	X/Y	Roll	5-axis Stabilization
		Yes Hybrid	Photo	Yes⁺¹	Yes	Yes⁺¹		Yes	
	IS	IS	Movie	Yes⁴¹		Yes⁴¹	Yes	Yes	
RF/RF-S	Lens	No Hybrid	Photo	Yes*1		Yes*1	Yes	Yes	Yes
		IS	Movie	Yes*1		Yes⁴¹	Yes	Yes	
	Non I	Non IS Lens				Yes	Yes	Yes	
	Non 15 Lens		Movie			Yes	Yes	Yes	
	Yes Hybrid IS IS Lens No Hybrid IS		Photo	Yes	Yes			Yes	
		_	Movie	Yes			Yes	Yes	
EF/EF/S		-	Photo	Yes			Yes	Yes	Yes
			Movie	Yes			Yes	Yes	
	Non I	Non IS Lens				Yes	Yes	Yes	
	Non is Lens		Movie			Yes	Yes	Yes	

5-axis Image Stabilization with RF/RF-S, EF/EF-S lenses

- Y/P: Correction of angular camera shake (yaw/pitch); X/Y: Correction of shift- shake; Roll: Correction of roll shake.
- May not enable suitable coverage of the available stabilization area.
- *1: Coordinated control of lens optical IS and camera in-body IS

EOS R7 coordinated In-Body Image Stabilizer Still Shooting performance with RF & RF-S lenses

Lens	Coordinated Control IS	Focal Length	IS stop (CIPA Standard)
RF14-35mm F4 L IS USM	Yes	35mm	7
RF-S18-45mm F4.5-6.3 IS STM	Yes	45mm	6.5
RF-S18-150mm F3.5-6.3 IS STM	Yes	150mm	7
RF24-105mm F4L IS USM	Yes	105mm	8
RF24-105mm F4-7.1 IS STM	Yes	105mm	8
RF24-240mm F4-6.3 IS USM	Yes	240mm	6.5
RF70-200mm F2.8 L IS USM	Yes	200mm	7.5
RF70-200mm F4 L IS USM	Yes	200mm	7.5
RF100-400mm F5.6-8 IS USM	Yes	400mm	6
RF100-500mm F4.5-7.1 L IS USM	Yes	500mm	6
RF35mm F1.8 MACRO IS STM	Yes	35mm	7
RF100mm F2.8L MACRO IS USM	Yes	100mm	8
RF16mm F2.8 STM	-	16mm	6
RF50mm F1.8 STM	-	50mm	7

External Speedlite	External Speedlite				
E-TTL balance	Ambience priority, standard, flash priority				
Compatible E-TTL Speedlites	Canon EX- and EL-series Speedlites				
E-TTL II Flash Metering	(1) Evaluative (Face Priority) (2) Evaluative (3) Average				

	Mechanical Shutter	Electronic 1st curtain				
Slow Sync	1/250-30 sec. auto	1/320–30 sec. auto				
(P/Av modes)	1/250–1/60 sec. auto	1/320–1/60 sec. auto				
	1/250 sec. (fixed)	1/320 sec. (fixed)				
Flash Function Menu	Provided for EX- and EL-series Speedlites					
Flash Exposure Compensation	±3 stops in 1/3- or 1/2-stop increments					
Continuous flash control	E-TTL each shot E-TTL 1st shot					

Drive System

Drive Modes	AF Operation	Mechanical Shutter	Electronic 1st curtain	Electronic shutter	
Single	Single Shooting		Yes	Yes	
High-speed Continuous	One-Shot AF	Max. approx.	Max. approx.	Max. approx.	
shooting +	Servo AF	15 shots/sec.*1,6,8	15 shots/sec.*1,6.8	30 shots/sec.*3,8	
High-speed	One-Shot AF	Max. approx.	Max. approx.	Мах. арргох.	
Continuous shooting	Servo AF	6.5 shots/sec.*5,6,8	8.0 shots/sec.*4.5,6.8	15 shots/sec.*2,8	
Low-speed	One-Shot AF	Max. approx.	Max. approx.	Max. approx.	
Continuous Shooting	Servo AF	3.0 shots/sec.*5,6	3.0 shots/sec.*7	3.0 shots/sec.*8	
Self-timer:10 sec / remote control		Yes	Yes	Yes	
Self-timer:2 sec	c / remote control	Yes	Yes	Yes	
Self-timer:	Continuous	Yes	Yes	Yes	

Drive Modes and Continuous Shooting Speed

^{*1:} AE, flash metering, and WB do not change after the first shot in flash photography.

^{*2:} Note that maximum continuous shooting speed is slower when certain lenses are attached and AF operation is set to Servo AF.

^{*3:} Certain lenses support up to 30 shots/sec. Note that maximum continuous shooting speed is slower when other lenses are attached and AF operation is set to Servo AF.

^{*4:} Certain lenses support up to 8 shots/sec. Note that maximum continuous shooting speed is slower when specific lenses AF operation is set to Servo AF.

^{*5:} Continuous shooting speed is slower during flash photography (flash metering control: determined for each shot).

^{*6:} Continuous shooting speed is slower with anti-flicker shooting.

^{*7:} Continuous shooting speed is slower in flash photography with anti-flicker shooting.

^{*8:} Not available when set to [Dual Pixel RAW: Enable].

Still Shooting with Mechanical Shutter or electronic 1st-curtain shutter, shot at approx. 15 fps

	Image	Mechanica Electronic 1 Approx. 15	st-curtain	Electronic shutter Approx. 30 shots/sec.	
	Quality	SD Card (UHS-I)*1	SD Card [High-speed] (UHS-II) ²	SD Card (UHS-I) ¹¹	SD Card [High-speed] (UHS-II) ²
JPEG*3	L (fine)	184	224	117	126
HEIF*4	L (fine)	184	190	117	122
RAW*3	RAW	46	51	41	42
NAW	C-RAW	105	187	87	93
RAW+JPEG*3	RAW + L (fine)	46	51	41	42
RAW+JPEG"	C-RAW + L (fine)	105	187	87	93
	RAW + L (fine)	46	51	41	41
RAW+HEIF'4	C-RAW + L (fine)	101	109	84	93

Still photo file size / Number of possible shots / Maximum burst for continuous shooting

- * Maximum burst as measured under conditions conforming to Canon testing standards (High-speed continuous shooting + in One-Shot AF mode, ISO 100, and Standard Picture Style).
- * Number of shots available varies depending on shooting conditions (including aspect ratio, subject, memory card brand, ISO speed, Picture Style, and Custom Function).
- *1: When using a 32 GB UHS-I card that conforms to Canon testing standards.
- *2: When using a 32 GB UHS-II card that conforms to Canon testing standards.
- *3: When set to [HDR shooting (HDR PQ): Disable].
- *4: When set to [HDR shooting (HDR PQ): Enable].

HDR Shooting and Movie Recording Disable / Enable **HDR PQ Shooting** * Can be used in conjunction with Auto Lighting Optimizer. **Recording format** Bit depth Color sampling method HDR specification HDR PQ **Shooting - Still** HEIF 10 bit YCbCr 4:2:2 Rec. ITU-R BT.2100 (PQ) **Recording format** Bit depth Color sampling method HDR specification HDR PQ **Shooting - Movie** MP4 10 bit YCbCr 4:2:2 Rec. ITU-R BT.2100 (PQ) Dual Pixel CMOS AF II **Focusing Exposure** ±3 stops in 1/3- or 1/2-stop increments Compensation Canon Log Canon Log 3

	Status	Still photo image	Early warning	Intermediate	Late warning
Temperature Warning	Display		0		
	Definition	Blinking icon displayed. Still image quality declines (lower S/N ratio) as the image sensor heats up	temperature	blinking. Indicator level b	
	Overheated!	Shutting down.	he maximum internal temp mera automatically stops (perature is reached, this guid (power off state).	ance is displayed, and the
	Estimated rectemperature,	covery times are in continued camera	mera automatically stops (i	se are affected by various selected shooting resolutions.	ous factors such as ar
Estimated Camera Recovery Time	Estimated rectemperature,	covery times are in continued camera available, will value on wa	ndicated below. Thesa operation and the sry with ambient temp	se are affected by various selected shooting resolutions.	ous factors such as ar lution. The time until fo

Standard Movie Recording

Cano	n Log	OFF	ON (Canon Log 3)			
HDR PQ		OFF	OFF ON			
Containe	er format	MP4				
Bit d	lepth	8 bit	10 bit	10 bit		
Compr	ession	H.264 / MPEG-4 AVC	H.265 / HEVC	H.265 / HEVC		
Video signa raı	al recording nge	Full range (0-255) Full range (0-1023)		Full range (128-1020)		
Color samp	ling method	YCbCr 4:2:0	YCbCr 4:2:2	YCbCr 4:2:2		
Color	Gamut	Rec.ITU-R BT.709 Rec.ITU-R BT.2020		Rec.ITU-R BT.709/ BT.2020/ Cinema Gamut		
Audio	IPB	AAC (Audio compression: Enable) Linear PCM Audio compression: Diable				
	IPB (light)		AAC			

Movie Recording Format

Movie recording size overview

	Danalustia a	Fran	ne rate	Digital	Video	Audio
	Resolution	NTSC	PAL	Zoom	Compression	Compres- sion
4K UHD Fine ^{*1}		29.97 23.98	25.00			
4K UHD	3840 × 2160	59.94 29.97 23.98	50.00 25.00		IPB (Standard) IPB (Light)	AAC Linear PCM
4K UHD Crop		59.94	50.00			
Time-lapse movies 4K UHD		29.97*2	25.00 ^{*2}		All-I	
High Frame Rate		119.88*3	100.00*3			
		59.94	50.00		IPB (Standard)	4.4.0
Full HD		29.97 23.98	25.00	Approx. 1X - 10X	IPB (Light)	AAC Linear PCM
Time-lapse movies Full HD	1920 × 1080	29.97*2	25.00*2		All-I	
HDR movies		29.97	25.00		IPB Standard	
Creative filters		29.97 23.98	25.00		IPB (Standard) IPB (Light)	AAC* ⁴

 $^{^{\}star}$ Audio compression is restricted to [AAC] in Basic Zone modes.

^{*} Only [AAC] is available for audio compression of IPB (Light).

^{*1:} Generated from 7K oversampling.

^{*2:} Playback frame rate.

^{*3:} Recording frame rate.

^{*4:} No audio is recorded for Miniature effect movies.

Canon Log: Off, HDR PQ: Off

Wide- De-	li Oi		Theoretica	al Recording Ti	me (approx.)	Bit Rate/File Size
Video Rec	ording Size		32 GB	128 GB	512 GB	(approx.)
4K UHD Fine	D Fine 29.97	IPB	35 min.	2 hr. 21 min.	9 hr. 27 min.	120 Mbps 860 MB/min.
4K OND FINE	23.98		1 hr. 10 min.	4 hr. 43 min.	18 hr. 52 min.	60 Mbps 431 MB/min.
	50.04	IPB	18 min.	1 hr. 14 min.	4 hr. 56 min.	230 Mbps 1647 MB/min.
AK IIIID	59.94	IPB (Light)	35 min.	2 hr. 21 min.	9 hr. 27 min.	120 Mbps 860 MB/min.
4K UHD	29.97	IPB	35 min.	2 hr. 21 min.	9 hr. 27 min.	120 Mbps 860 MB/min.
	23.98	IPB (Light)	1 hr. 10 min.	4 hr. 43 min.	18 hr. 52 min.	60 Mbps 431 MB/min.
4K UHD	59.94	IPB	18 min.	1 hr. 14 min.	4 hr. 56 min.	230 Mbps 1647 MB/min.
Crop	55.54	IPB (Light)	35 min.	2 hr. 21 min.	9 hr. 27 min.	120 Mbps 860 MB/min.
4K UHD (Time-lapse movie)	29.97	ALL-I	9 min.	36 min.	2 hr. 25 min.	470 Mbps 3362 MB/min.
Full HD (High Frame	119.88	IPB	35 min.	2 hr. 22 min.	9 hr. 28 min.	120 Mbps 858 MB/min.
Rate movie)	119.00	IPB (Light)	1 hr. 0 min.	4 hr. 3 min.	16 hr. 15 min.	70 Mbps 501 MB/min.
	50.04	IPB	1 hr. 10 min.	4 hr. 43 min.	18 hr. 52 min.	60Mbps 431 MB/min.
E-WIID	59.94	IPB (Light)	2 hr. 0 min.	8 hr. 3 min.	32 hr. 15 min.	35 Mbps 252 MB/min.
Full HD	29.97	IPB	2 hr. 20 min.	9 hr. 23 min.	37 hr. 35 min.	30 Mbps 216 MB/min.
	23.98	IPB (Light)	5 hr. 47 min.	23 hr. 11 min.	92 hr. 47 min.	12 Mbps 88 MB/min.
Full HD (Time-lapse movie)	29.97	ALL-I	47 min.	3 hr. 9 min.	12 hr. 38 min.	90 Mbps 644 MB/min.

Estimated Recording Time and Data

- Bit rate only applies to video output, not audio or metadata.
- When audio data is set to [C.Fn 4-2 Audio compression: Enable] (audio: AAC recording).
- Movie recording stops when the maximum recording time per movie is reached.
- Sound is not recorded for approx. the last two frames when the compression method
 for movie recording quality is IPB (Standard) and the camera is set to [C.Fn 4-2 Audio
 compression: Enable] or IPB (Light) (audio: AAC). Moreover, the video and sound may be
 slightly out of sync when movies are played back in Windows.

Canon Log: On, HDR PQ: On

V			Theoretica	Theoretical Recording Time (approx.)			
Video Rec	ording Size		32 GB	128 GB	512 GB	(approx.)	
4K UHD Fine	29.97	IPB	25 min.	1 hr. 40 min.	6 hr. 40 min.	170 Mbps 1218 MB/min.	
4K OND Fille	23.98	IPB (Light)	50 min.	3 hr. 20 min.	13 hr. 20 min.	85 Mbps 610 MB/min.	
		IPB	12 min.	50 min.	3 hr. 20 min.	340 Mbps 2434 MB/min.	
4K UHD	59.94	IPB (Light)	25 min.	1 hr. 40 min.	6 hr. 40 min.	170 Mbps 1218 MB/min.	
4K UND	29.97	IPB	25 min.	1 hr. 40 min.	6 hr. 40 min.	170 Mbps 1218 MB/min.	
	23.98	IPB (Light)	50 min.	3 hr. 20 min.	13 hr. 20 min.	85 Mbps 610 MB/min.	
4K UHD	59.94	IPB	12 min.	50 min.	3 hr. 20 min.	340 Mbps 2434 MB/min.	
Crop		IPB (Light)	25 min.	1 hr. 40 min.	6 hr. 40 min.	170 Mbps 1218 MB/min.	
4K UHD (Time-lapse movie)	29.97	ALL-I	9 min.	36 min.	2 hr. 25 min.	470 Mbps 3362 MB/min.	
Full HD (High Frame	440.00	IPB	23 min.	1 hr. 34 min.	6 hr. 19 min.	180 Mbps 1287 MB/min.	
Rate movie)	119.88	IPB (Light)	42 min.	2 hr. 50 min.	11 hr. 22 min.	100 Mbps 715 MB/min.	
		IPB	47 min.	3 hr. 9 min.	12 hr. 36 min.	90Mbps 646 MB/min.	
E-WIID	59.94	IPB (Light)	1 hr. 24 min	5 hr. 39 min.	22 hr. 38 min.	50 Mbps 360 MB/min.	
Full HD	29.97	IPB	1 hr. 34 min.	6 hr. 17 min.	25 hr. 8 min.	45 Mbps 324 MB/min.	
	23.98	IPB (Light)	2 hr. 30 min.	10 hr. 3 min.	40 hr. 15 min.	28 Mbps 202 MB/min.	
Full HD (Time-lapse movie)	29.97	ALL-I	31 min.	2 hr. 6 min.	8 hr. 25 min.	135 Mbps 966 MB/min.	

Estimated Recording Time and Data

- Bit rate only applies to video output, not audio or metadata.
- When audio data is set to [C.Fn 4-2 Audio compression: Enable] (audio: AAC recording).
- Movie recording stops when the maximum recording time per movie is reached.
- Sound is not recorded for approx. the last two frames when the compression method
 for movie recording quality is IPB (Standard) and the camera is set to [C.Fn 4-2 Audio
 compression: Enable] or IPB (Light) (audio: AAC). Moreover, the video and sound may be
 slightly out of sync when movies are played back in Windows.

LCD Screen	
Туре	TFT color, liquid-crystal monitor
Monitor Size	3.0-inch (screen aspect ratio of 3:2)
Dots	Approx. 1.62 million dots
Coverage	Approx. 100% vertically/horizontally
Brightness Control	Manually adjustable to one of seven brightness levels
Coating	Anti-smudge coating applied.Anti-reflection coating not applied.
Interface Languages	29 (English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Ukraine, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Turkish, Arabic, Thai, Simplified/Traditional Chinese, Korean, Malay, Indonesian, Japanese)
Plavback	

Playback

Item	Still Photo	Movie			
Magnify zoom display	1.5x-10x (5 levels)	-			
AF point display	Yes	-			
Grid display	Off / 3×3 / 6×4 / 3×3+diag	-			
Rating	OFF / 1 to 5 Stars Select images / Select range / All images in folder / All images on card / All found images				
Image Search	Rating / Da	Search conditions ate / Folder / Protect / Type of file			
Protect	Select images / Select range / All images in folder / Unprotect all images in folder / All images on card / Unprotect all images on card / All found images / Unprotect all found images				
Cloud RAW image processing	Supported	-			
RAW image processing	Supported				
RAW Burst processing	Supported				
HEIF -> JPEG Conversion	Supported	-			
Cropping	Supported	-			

Display Format

Highlight Alert	The white areas with no image data will blink.				
Histogram	Brightness and RGB				
Quick Control Function					
Function	The Quick Control screen is accessed by pressing the Quick Control button during still photo shooting.				
Image Protection and Erase					
Protection	 (1) Single image (select image) (2) Select range (3) All images in a folder (4) All images on card Image browsing and image search can be based on ratings. Ratings-based image selections also possible with DPP. (5) All found images (only during image search) 				
Erase	Except protected images (1) Select images to erase (2) Select range (3) All images in folder (4) All images on card (5) All fo)und images (only during image search)				
Direct Printing					
Compatible Printers	Not supported				
DPOF: Digital Prin	t Order Format				
DPOF	Compliant to DPOF Version 1.1				
Wi-Fi®					
Standards Compliance	IEEE 802.11b/g/n				
Transmission Method	DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n)				
Transition Frequency (Central Frequency)	2.4 GHz band Frequency: 2412 to 2462 MHz Channels: 1 to 11 channels				
		Authentication	Encryption		
	Connection Method		Encryption	Key Format and Length	
Security	Camera Access Point	WPA2/ WPA3-Personal	AES	ASCII 8 characters	
	Infrastructure	Open Open	WEP	Hexadecimal 10 digits Hexadecimal 26 digits ASCII 5 characters ASCII 13 characters	
			[Disable	
		Shared key WPA-PSK WPA2-PSK WPA3-Personal	WEP TKIP AES	Same as WEP above 1-127 characters	
Communication with a Smartphone	Images can be viewed, controlled, and received using a smartphone. Remote control of the camera using a smartphone is possible depending on the Camera Connect specifications. Images can be sent to a smartphone. Firmware can be downloaded and saved to a card in the camera using Camera Connect.				

Remote Operation Using EOS Utility	The camera can be controlled via Wi-Fi® using EOS Utility.		
Print from Wi-Fi® Printers	Supported		
Send Images to a Web Service	Still photos (RAW, C-RAW, HEIF, and JPEG) and movies (MP4) can be uploaded to image.canon server album. With the image.canon server, images can be sent to social media or a photo album link can be sent (by the image.canon specifications).		
Cloud RAW Image Processing via image.canon (firmware 1.1.0 or higher)	Still RAW photos can be transferred to image.canon for RAW development using Deep Learning technology resulting in clearer images without losing detail through the reduction of noise, false color, moiré and jagged lines. *This feature requires a paid subscription (service begins July 25, 2022).		
Bluetooth®			
Standards Compliance	Bluetooth Specification Version 4.2 compliant (Bluetooth low energy technology)		
Transmission Method	GFSK modulation		

Customization

		Still photo	Movie
	Shutter button (half- press)	Yes	-
	Movie shooting button	Yes	-
	Multi-function (<m- Fn>) button</m- 	Yes	Yes
	ISO speed button	Yes	Yes
	AF-ON button	Yes	Yes
	AE lock (<*>) button	Yes	Yes
Custom Functions	AF point button	Yes	Yes
	DOF preview button	Yes	Yes
	Lens function (<l- Fn>) button</l- 	Yes	Yes
	Cross keys: Up button	Yes	Yes
	Cross keys: Left button	Yes	Yes
	Cross keys: Right button	Yes	Yes
	Cross keys: Down button	Yes	Yes
	Set button	Yes	Yes
	Multi-controllers	Yes	Yes

	Customizable Dials				
Custom Dials	Main dial				
	Quick control dial				
	Control ring				
My Menu Registration	Up to six top-tier menu items and Up to five My Menu tabs can be My Menu tab overall operations My Menu tab detailed operations	and Custom Functions can be registered. be added. - Adding a tab - Deleting tabs in a batch - Deleting all tab items - Setting the menu display - Selecting a registered item - Sorting registered items - Deleting selected registered items - Deleting registered items - Deleting registered items in a batch - Deleting tabs			
	Changing a tab name (16 ASCII characters)				
Interface					
USB Terminal	 Equivalent to Superspeed Plus USB (USB 3.2 Gen 2) For PC communication Terminal type: USB Type-C Shared with terminal for in-camera charging with USB Power Adapter PD-E1. In-camera Charging: Equivalent to USB type-C (5 V/1.5 A), but use should be restricted to USB Power Adapter PD-E1. 				
USB Cables Compatible with iPhones	Operation with the following USB cables has been verified when connected to an iPhone.* Regardless of which cable is used, set the camera power to <off> before connecting the cable. • When connecting a USB Type-C to Lightning cable Use an Anker 514 Lightning to USB-C Accessory Cable (0.9 m, for Camera). • When connecting a USB Type-C to USB Type-C cable Genuine Canon accessories are recommended (Interface Cable IFC-100U or IFC-400U). * As of May 2022</off>				
Video Out Terminal	 HDMI micro OUT terminal Type D (Resolution switches automatically) / CEC not compatible Images can be displayed through the HDMI output and on screen at the same time. Images will not be displayed unless [NTSC] or [PAL] is properly set according to the video system of the TV set. 				
Clean HDMI output	Provided				
Microphone input terminal	3.5mm diameter stereo mini jack				
Headphone terminal	3.5mm diameter stereo mini jack				
Remote control terminal	Remote Switch RS-60E3 type terminal supported				
Wireless remote control	 Compatible with the Wireless Remote Control BR-E1 Compatible with infrared remote controls such as Remote Controller RC-6 				

Multi-function shoe	Supported	
Power Source		
Battery	LP-E6NH/LP-E6N/LP-E6* • With the AC Adapter AC-E6N + DC Coupler DR-E6, AC power is possible. • With the USB Power Adapter PD-E1, in-camera charging of LP-E6NH is possible.	
Battery Check	Automatic battery check when the power switch is turned ON. Displayed in 6 levels on top LCD panel. • Battery level can be checked on the LCD panel and in the viewfinder. Battery Info display in Set-up Menu: •Type of power source used. •Remaining capacity (percentage of battery charge remaining). •Recharge performance: (3-level display of battery's ability to hold a charge)	
Start-up Time	Approx. 0.4 sec. • Based on CIPA testing standards.	
Dimensions and V	Veight	
Dimensions (W x H x D)	Approx. 5.20 x 3.56 x 3.61 in. / 132.0 x 90.4 x 91.7 mm • Based on CIPA standards.	
Weight	Approx. 1.1 lbs (18.70 oz) Body Only Approx. 1.3 lbs (21.59 oz) With battery,and memory card	
Operating Environment		
Working Temperature Range	32–104°F / 0–+40°C	
Working Humidity Range	85% or less	