



EOS R6

Mark II

Type	
Type	Digital interchangeable lens, mirrorless camera
Image Processor	DIGIC X
Recording Media	(Two) SD card slots • Compatible with UHS-II • Eye-Fi cards and Multimedia cards (MMC) are not supported.
Compatible Lenses	Canon RF lens group (including RF-S 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	
Type	Full-frame CMOS sensor (compatible with Dual Pixel CMOS AF)
Effective Pixels	Approx. 24.2 megapixels
Screen Size	Approx. 36.0 x 24.0 mm
Pixel Unit	Approx. 6.00 µm square
Total Pixels	Approx. 25.6 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. 8 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 software to automatically erase the dust spots. • Not available with RF-S/EF-S lenses, in cropped shooting, during focus bracket shooting, in FAW 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 in Exif 2.31.						
Image Format	JPEG, HEIF, RAW / C-RAW / Dual Pixel RAW/ RAW burst (CR3), C-RAW (Canon original) ; Movies: ALL-I (Time-lapse video only), IPB (MP4)						
File Size			Image Quality	File Size [Approx. MB]	Possible Shots [Approx.]* ¹	Maximum Burst [Approx.]*	
						Standard Card* ¹	High-speed Card* ² (UHS-II)
		JPEG* ³	L (fine)	8.2	3700	540	1000 or more
			L (Normal)	4.4	6820	1000 or more	1000 or more
			M (fine)	4.6	3360	1000 or more	1000 or more
			M (Normal)	2.6	11450	1000 or more	1000 or more
			S1 (Fine)	3.1	9820	1000 or more	1000 or more
			S1 (Normal)	1.9	12840	1000 or more	1000 or more
			S2	1.8	16290	1000 or more	1000 or more
		HEIF* ⁴	L (fine)	8.3	3600	470	1000 or more
			L (Normal)	6.3	4690	1000 or more	1000 or more
			M (fine)	5.0	5830	1000 or more	1000 or more
			M (Normal)	3.9	7400	1000 or more	1000 or more
			S1 (Fine)	3.5	8390	1000 or more	1000 or more
			S1 (Normal)	2.8	10270	1000 or more	1000 or more
			S2	1.8	14250	1000 or more	1000 or more
		RAW	RAW	26.1	1170	85	110
			C-RAW	13.2	2350	240	1000 or more
		RAW+JPEG* ³	RAW + L (fine)	26.1 + 8.2	890	85	110
			C-RAW + L (fine)	13.2 + 8.2	1430	170	390
		RAW+HEIF* ⁴	RAW + L (fine)	28.6 + 8.3	820	85	95
			C-RAW + L (fine)	15.8 + 8.3	1260	160	180
* At H+ Drive setting (12 fps), using Mechanical or 1st-curtain Electronic shutter. *1: Number of shots using a 32 GB card that conforms to Canon testing standards. *2: Number of shots 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].							

File Numbering	The following file numbers can be set: - File numbering methods - Continuous numbering - The numbering of captured images continues even after you replace the card. - Auto reset - 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. - Manual reset - Resets the file number to 0001, and creates a new folder automatically. * When manually resetting the file number, folders can also be renamed.
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	- Auto - Standard - Portrait - Landscape - Fine Detail - Neutral - Faithful - Monochrome - User Defined 1–3 - In Scene Intelligent Auto, [Auto] will be set automatically. [Standard] is the default setting for [User Def. 1–3].
White Balance	
Settings	- Auto (Ambience priority/White priority) - Daylight - Shade - Cloudy*¹ - Tungsten light - White fluorescent light - Flash - Custom (Custom WB) - Color temperature*² *1: Effective also in twilight and sunset. *2: White balance can be adjusted during movie recording.
Auto White Balance	Option between ambience priority and white priority settings, using SET button
White Balance Shift	Blue/amber bias: ±9 levels Magenta/green bias: ±9 levels - Shifted from the color temperature of the current WB mode. - Blue/amber and magenta/green shift can be set at the same time. WB Bracketing available, up to ±3 levels Blue/amber or magenta/green, via Quick Control Dial
Viewfinder	
Type	OLED color electronic viewfinder; 0.5-inch, approx. 3.69 million dots
Coverage	Approx. 100% vertically and horizontally relative to the shooting image area (with image quality L, at approx. 23mm eyepoint).
Magnification / Angle of View	Approx. 0.76x / Approx. 35.2 degrees (with 50mm lens at infinity, -1 m ⁻¹)
Eye Point	Approx. 23mm (at -1 m ⁻¹ from the eyepiece lens end)

Dioptric Adjustment Range	Approx. -4.0 to + 2.0 m ⁻¹ (dpt)
Viewfinder Information	(1) Maximum burst (2) Possible shots/Sec. until self-timer shoots (3) Focus Bracketing/ Multiple-exposure/HDR shooting/Multi Shot Noise Reduction/Bulb time/Interval timer (4) Shooting mode (5) AF method (6) AF operation (7) Image quality (8) Card (9) Drive mode (10) Metering mode (11) No. of remaining shots for focus bracketing, multiple exposures, or interval timer (12) Electronic level (13) Movie recording time available (14) Battery level (15) Image Stabilizer (IS mode) (16) Histogram (Brightness/RGB) (17) Quick Control button (18) Anti-flicker shooting (19) White balance/White balance correction (20) Picture style (21) Auto Lighting Optimizer (22) Still photo cropping / Aspect ratio (23) AF point (1-point AF) (24) AEB/FEB (25) View Assist (26) HDR PQ (27) Flash ready / FE lock / High-speed sync (28) Electronic shutter (29) Touch shutter / Create folder (30) AE lock (31) Shutter speed / Multi-function lock warning (32) Aperture value (33) Wi-Fi® function (34) Wi-Fi® signal strength (35) Bluetooth® function (36) Exposure simulation (37) Magnify button (38) ISO speed (39) Highlight tone priority (40) Exposure compensation (41) Exposure level indicator
Autofocus	
Focus Method	Dual Pixel CMOS AF
Number of AF zones available for Automatic Selection	AF area: Horizontal: Approx. 100% x Vertical: Approx. 100% (100% x 100% AF coverage in Face Detect + Tracking AF; coverage can vary, depending upon lens being used) Stills: Max. 1053 zones (39 x 27) Movies: Max. 1053 zones (39 x 27)
Selectable Positions for AF Point	AF area: Horizontal: Approx. 90% x Vertical: Approx. 100% Stills: Max. 4897 positions (83 x 59) Movies: Max 4067 positions (83 x 49)

Focusing brightness range (still photo shooting)	EV -6.5 to 21 (with an f/1.2 lens,* center AF point, One-Shot AF at room temperature, and ISO 100) * Except RF lenses with a Defocus Smoothing (DS) coating.
Focusing brightness range (movie recording)	4K: EV -4.0 to 21 Full HD: EV -4.5 to 21 (with an f/1.2 lens,* center AF point, One-Shot AF at room temperature, ISO 100, and 29.97 / 25.00 fps.) * Except RF lenses with a Defocus Smoothing (DS) coating.
Available AF Areas	• Spot AF • 1-point AF • Expand AF area: Above/below/left/right • Expand AF area: Around • Flexible Zone AF 1 • Flexible Zone AF 2 • Flexible Zone AF 3 • Whole area AF
Available Subject Detection	• Auto • People • Animals (dogs / cats / birds / horses) • Vehicles (motorsports cars or motorcycles / aircraft / trains) * Certain types of animals or vehicles may not be detected, depending on shape and appearance
Eye Detection	Auto: • Selects the eye closer to the camera (as detected from the angle of the face). • At the same distance from the camera, selects the eye closer to the center of the image. Right Eye: • Prioritizes the subject's right eye. Left Eye: • Prioritizes the subject's left eye.
Exposure Control	
Metering Modes	Real-time metering from CMOS image sensor (384 [24x16] metering zones) (1) Evaluative metering (AF point-linked) (2) Partial metering (approx. 5.9% 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	EV -3 – 20 (at 73°F/23°C, ISO 100) (Still Photo Shooting)
Exposure Modes	(1) Scene Intelligent Auto (2) Hybrid Auto (3) Special Scenes (4) Creative Filters (5) Flexible-priority AE (6) Program AE (7) Shutter-priority AE (8) Aperture-priority AE (9) Manual Exposure (10) Bulb Exposure (11) Custom Shooting Modes C1, C2, C3

ISO Speed Range

Manually Set

Normal	ISO 100–102400 (in 1/3- or 1-stop increments)
Expanded	L: equivalent to ISO 50, H: 204800

• For [Highlight tone priority], the settable ISO speed range will be ISO 200 to 102400.

• Expanded ISO cannot be set for HDR mode or during HDR PQ shooting.

ISO Auto range settings in still photo shooting

Auto Range	ISO Speed
Minimum	ISO 100–51200 (in 1-stop increments)
Maximum	ISO 200–102400 (in 1-stop increments)

ISO Auto details in still photo shooting

Shooting mode	No Flash	Using Flash	
		Compatible Lens	Incompatible Lens
Auto / Hybrid Auto	ISO 100–25600	ISO 100–6400	ISO 100–1600
Special Scenes	Varies by shooting mode		
Creative Filters	Varies by shooting mode		
Fv / P / Tv / Av / M	ISO 100*1*2–102400*2	ISO 100*1*2–6400*2	ISO 100*1*2–1600*2
B	ISO 400*3	ISO 400*3	

*1: ISO 200 when set to [Highlight tone priority: Enable/Enhanced].

*2: Varies depending on the [Maximum] and [Minimum] settings for [Auto range].

*3: If outside the setting range, changed to the value closest to ISO 400.

Exposure Compensation

User-set	±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

• AE is locked as soon as subjects are in focus using One-Shot AF when set to selected metering mode in [C.Fn2: AE lock meter. mode after focus].

(2) User-set AE lock

• Use the AE lock button (update by pressing the button again) in Fv, P, Tv, Av, and M mode.

• Enabled in all metering modes.

Shutter

Type

Electronically controlled focal-plane shutter

(1) Electronic first curtain

(2) Mechanical shutter

(3) Electronic shutter*

* 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- curtain] is set: 1/8000-30 sec, bulb

When [Electronic] is set: 1/8000-0.5 sec.

X-sync Speed

Mechanical Shutter: 1/200 sec.

Elec. 1st-curtain: 1/250 sec.

Shutter Release

Soft-touch electromagnetic release

Self Timer

10-sec. delay, 2-sec. delay, Continuous

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 (no stabilization in viewfinder/LCD screen between shots) Coordinated IS when used with Canon RF or RF-S lenses having optical Image Stabilization																																																							
External Speedlite																																																								
Accessory Shoe	Canon Multi-function accessory shoe • Optional Canon AD-E1 adapter required for conventional shoe-mount flashes and accessories																																																							
E-TTL balance	Ambience priority, standard, flash priority																																																							
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 and Continuous Shooting Speed	<table><tr><th>Drive Modes</th><th>Operating Modes</th><th>Mechanical Shutter</th><th>Electronic 1st curtain</th><th>Electronic shutter</th></tr><tr><td colspan="2">Single Shooting</td><td>Yes</td><td>Yes</td><td>Yes</td></tr><tr><td rowspan="3">High-speed Continuous Shooting + *1</td><td>Mode A</td><td colspan="2">Approx. 12 shots/sec.*2</td><td rowspan="3">Approx. 40 shots/sec</td></tr><tr><td>Mode B</td><td colspan="2">Approx. 9.2 shots/sec.*2</td></tr><tr><td>Mode C</td><td colspan="2">Approx. 6.6 shots/sec.</td></tr><tr><td rowspan="3">High-speed Continuous Shooting *1</td><td>Mode A</td><td>Approx. 5.5 shots/sec.*2</td><td>Approx. 7.0 shots/sec.*2</td><td rowspan="3">Approx. 20 shots/sec</td></tr><tr><td>Mode B</td><td>Approx. 5.2 shots/sec.*2</td><td>Approx. 6.6 shots/sec.*2</td></tr><tr><td>Mode C</td><td>Approx. 3.5 shots/sec.</td><td>Approx. 4.3 shots/sec.</td></tr><tr><td colspan="2">Low-speed Continuous Shooting</td><td colspan="2">Approx. 3.0 shots/sec.*2</td><td>Approx. 5 shots/sec</td></tr><tr><td colspan="2">Self-timer: 10 sec / remote control</td><td colspan="3">Yes</td></tr><tr><td colspan="2">Self-timer: 2 sec / remote control</td><td colspan="3">Yes</td></tr><tr><td colspan="2">Self-timer: Continuous</td><td colspan="3">Yes</td></tr></table>				Drive Modes	Operating Modes	Mechanical Shutter	Electronic 1st curtain	Electronic shutter	Single Shooting		Yes	Yes	Yes	High-speed Continuous Shooting + *1	Mode A	Approx. 12 shots/sec.*2		Approx. 40 shots/sec	Mode B	Approx. 9.2 shots/sec.*2		Mode C	Approx. 6.6 shots/sec.		High-speed Continuous Shooting *1	Mode A	Approx. 5.5 shots/sec.*2	Approx. 7.0 shots/sec.*2	Approx. 20 shots/sec	Mode B	Approx. 5.2 shots/sec.*2	Approx. 6.6 shots/sec.*2	Mode C	Approx. 3.5 shots/sec.	Approx. 4.3 shots/sec.	Low-speed Continuous Shooting		Approx. 3.0 shots/sec.*2		Approx. 5 shots/sec	Self-timer: 10 sec / remote control		Yes			Self-timer: 2 sec / remote control		Yes			Self-timer: Continuous		Yes		
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	1. Continuous shooting speed is lower under certain shooting and measurement conditions: shutter speed, aperture value subject conditions, brightness, type of lens, timing when internal memory becomes full (temporarily disables shooting) - Mechanical / electronic 1st curtain: use of flash, anti-flicker shooting: Enable, Dual Pixel RAW shooting- Enable, type of battery, battery level, temperature, use of a battery grip, use of WFT, use of built-in Wi-Fi. - Electronic shutter: State of aperture in continuous shooting * With Certain lenses, zooming during continuous shooting with electronic shutter may cause changes in exposure even at the same f/number.																																																							
2. Automatically switches among modes A (drive mode icon lit in green), B (drive mode icon lit in white), and C (drive mode icon flashing in white). Operating Mode is for reference only — automatically set by camera, is dependent on factors such as battery power level, battery type, and lens in use, and cannot be set by user.																																																								
* For flash shooting, values for AE, flash metering, and WB do not change after the first shot.																																																								
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Movie HDR PQ	<table><tr><th>Recording format</th><th>Bit depth</th><th>Color sampling method</th><th>HDR specification</th></tr><tr><td>mp4</td><td>10 bit</td><td>YCbCr 4:2:2</td><td>ITU-R BT.2100 (PQ)</td></tr></table>	Recording format	Bit depth	Color sampling method	HDR specification	mp4	10 bit	YCbCr 4:2:2	ITU-R BT.2100 (PQ)							
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Continuous HDR Shooting (still images)	1 shot only / Every shot															
Video Shooting																
Shooting Times	<table><tr><th>Resolution and Frame Rate</th><th>Mode</th><th>Approx. Continuous Shooting Time*1,2,3</th></tr><tr><td>4K 59.94p (without crop)</td><td>100% sensor width (6K oversampling)</td><td>40 min. or longer</td></tr><tr><td>4K 59.94p (crop)</td><td>APS-C Crop</td><td>50 min. or longer</td></tr><tr><td>4K 29.97p (without crop)</td><td>100% sensor width (6K oversampling)</td><td>No limit with heating</td></tr><tr><td>Full HD 179.82p</td><td>100% sensor width</td><td>60 min. or longer</td></tr></table>	Resolution and Frame Rate	Mode	Approx. Continuous Shooting Time*1,2,3	4K 59.94p (without crop)	100% sensor width (6K oversampling)	40 min. or longer	4K 59.94p (crop)	APS-C Crop	50 min. or longer	4K 29.97p (without crop)	100% sensor width (6K oversampling)	No limit with heating	Full HD 179.82p	100% sensor width	60 min. or longer
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*1 Time available for continuous shooting in 23°C / 73°F environment, from a cold start. If the camera is in LV mode standby before shooting or the ambient temperature is high, the shooting time may be shorter. *2 According to Canon measurement conditions when using UHS-II cards conforming to Canon testing standards. *3 The maximum duration of shooting may be shorter under some circumstances even if recording begins from "cold start," due to a rise in temperature inside the camera caused by pre-shooting camera setting operations or by prolonged use of the Live View mode. When the card is full, movie recording stops automatically. In this case, duration time when you erase the data and restart shooting.																
File Format	Normal Movies															
	Canon Log		OFF	ON (Canon Log 3)												
	HDR PQ		OFF	ON	OFF											
	Container format		MP4													
	Bit depth		8 bit	10 bit												
	Compression		H.264 / MPEG-4 AVC			H.265 / HEVC										
	Video signal recording range		Full range (0-255)	Full range (0-1023)	Full range (128-1020)											
	Color sampling method		YCbCr 4:2:0			YCbCr 4:2:2										
	Standards compliance		Rec.ITU-R BT.709			Rec. ITU-R BT.2100	—									
	Color gamut		Rec.709			Rec.2020	Rec.709 / Rec.2020 / Cinema Gamut									
	Audio	IPB (Standard)*	AAC / Linear PCM													
		IPB (Light)	AAC													
	* Recording in AAC when [Audio compression] (C.Fn4) is set to [Enable] or Linear PCM when set to [Disable].															

**Estimated Recording
time, Movie Bit Rate
and File Size**

H.264/AVC (Canon Log: Off, HDR PQ: Off)

Video Recording Size			Total Recording Time (approx.)			Bit Rate/File Size (approx.)
			32 GB	128 GB	512 GB	
4K UHD 4K UHD cropped	59.94 fps 50.00 fps	IPB (Standard)	18 min.	1 hr.14 min.	4 hr.56 min.	230 Mbps 1647 MB/min.
		IPB (Light)	35 min.	2 hr. 21 min.	9 hr. 27 min.	120 Mbps 860 MB/min.
	29.97 fps 25.00 fps 23.98 fps	IPB (Standard)	35 min.	2 hr. 21 min.	9 hr. 27 min.	120 Mbps 860 MB/min.
		IPB (Light)	1 hr. 10 min.	4 hr. 43 min.	18 hr. 52 min.	60 Mbps 431 MB/min.
4K UHD (Time-lapse movie)	29.97 fps 25.00 fps	ALL-I	9 min.	36 min.	2 hr.25 min.	470 Mbps 3362 MB/min.
Full UHD (High Frame Rate movie)	172.82 fps 150.00 fps	IPB (Standard)	23 min.	1 hr.34 min.	6 hr.19 min.	180 Mbps 1287 MB/min
		IPB (Light)	40 min.	2 hr.42 min.	10 hr.50 min.	105 Mbps 751 MB/min
	119.88 fps 100.00 fps	IPB (Standard)	35 min.	2 hr. 22 min.	9 hr. 28 min.	120 Mbps 858 MB/min
		IPB (Light)	1 hr. 0 min.	4 hr. 3 min.	16 hr. 15 min.	70 Mbps 501 MB/min
Full HD Full HD cropped	59.94 fps 50.00 fps	IPB (Standard)	1 hr. 10 min.	4 hr. 43 min.	18 hr. 52 min.	60 Mbps 431 MB/min.
		IPB (Light)	2 hr. 0 min.	8 hr. 3 min.	32 hr. 15 min.	35 Mbps 252 MB/min.
	29.97 fps 25.00 fps 23.98 fps	IPB (Standard)	2 hr. 20 min.	9 hr. 23 min.	37 hr. 35 min.	30 Mbps 216 MB/min.
		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 fps 25.00 fps	ALL-I	47 min.	3 hr. 9 min.	12 hr. 38 min.	90 Mbps 644 MB/min.

* Bit rate only applies to video output, not audio or metadata.

* Audio is recorded when [C.Fn4 audio compression:Enable] (Audio: AAC) is set.

* Movie recording stops when the maximum recording time per movie is reached.

* No audio is recorded for approx. the last two frames with the compression method for movie recording quality set to IPB (Standard) or IPB (Light) and the camera set to [C.Fn4 Audio compression: Enable]. Moreover, the video and sound may be slightly out of sync when movies are played back in Windows.

* Mbps — megabits per second (8 megabits = 1 megabyte)

Estimated Recording Time, Continued.

H.265/HEVC (Canon Log: On or HDR PQ: On)

Video Recording Size			Total Recording Time (approx.)			Bit Rate/File Size (approx.)
			32 GB	128 GB	512 GB	
4K UHD 4K UHD cropped	59.94 fps 50.00 fps	IPB (Standard)	12 min.	50 min.	3 hr. 20 min..	340 Mbps 2434 MB/min.
		IPB (Light)	25 min.	1 hr. 40 min.	6 hr. 40 min.	170 Mbps 1218 MB/min.
	29.97 fps 25.00 fps 23.98 fps	IPB (Standard)	25 min.	1 hr. 40 min.	6 hr. 40 min.	170 Mbps 1218 MB/min.
		IPB (Light)	50 min.	3 hr. 20 min.	13 hr. 20 min.	85 Mbps 610 MB/min.
4K UHD (Time-lapse movie)	29.97 fps 25.00 fps	ALL-I	9 min.	36 min.	2 hr.25 min.	470 Mbps 3362 MB/min.
Full UHD (High Frame Rate movie)	172.82 fps 150.00 fps	IPB (Standard)	15 min.	1 hr. 3 min.	4 hr. 12 min..	270 Mbps 1931 MB/min
		IPB (Light)	28 min.	1 hr. 53 min.	7 hr. 35 min.	150 Mbps 1073 MB/min
	119.88 fps 100.00 fps	IPB (Standard)	23 min.	1 hr. 34 min.	6 hr. 19 min.	180 Mbps 1287 MB/min
		IPB (Light)	42 min.	2 hr. 50 min.	11 hr. 22 min.	100 Mbps 715 MB/min
Full HD Full HD cropped	59.94 fps 50.00 fps	IPB (Standard)	47 min.	3 hr. 9 min.	12 hr. 36 min.	90 Mbps 646 MB/min.
		IPB (Light)	1 hr. 24 min.	5 hr. 39 min.	22 hr. 38 min.	50 Mbps 360 MB/min.
	29.97 fps 25.00 fps 23.98 fps	IPB (Standard)	1 hr. 34 min.	6 hr. 17 min.	25 hr. 8 min.	45 Mbps 324 MB/min.
		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 fps 25.00 fps	ALL-I	31 min.	2 hr. 6 min.	8 hr. 25 min.	135 Mbps 966 MB/min.

* Bit rate only applies to video output, not audio or metadata.

* Audio is recorded when [C.Fn4 audio compression:Enable] (Audio: AAC) is set.

* Movie recording stops when the maximum recording time per movie is reached.
31 min.

* No audio is recorded for approx. the last two frames with the compression method for movie recording quality set to IPB (Standard) or IPB (Light) and the camera set to [C.Fn4 Audio compression: Enable]. Moreover, the video and sound may be slightly out of sync when movies are played back in Windows.

* Mbps — megabits per second (8 megabits = 1 megabyte)

Card Performance Requirements	Movie Recording Size			SD Card		
	Resolution	Frame rate (fps)	Compression Method	H.264/ MPEG-4 AVC (Canon Log: OFF, HDR PQ: OFF)	H.264/ MPEG-4 AVC (Canon Log: ON, HDR PQ: ON)	
	4K UHD 4K UHD Cropped	59.94 fps 50.00 fps	IPB (Standard)	UHS Speed Class 3 or higher	Video Speed Class V60 or higher	
			IPB (Light)	UHS Speed Class 3 or higher		
		29.97 fps 25.00 fps 23.98 fps	IPB (Standard)	UHS Speed Class 3 or higher		
			IPB (Light)	SD Speed Class 10 or higher	UHS Speed Class 3 or higher	
	4K UHD (Time-lapse movie)	29.97 fps 25.00 fps	ALL-I	Read speed of 60 MB/sec. or higher		
	Full HD High Frame Rate movies	179.82 fps 150.00 fps	IPB (Standard)	UHS Speed Class 3 or higher	Video Speed Class V60 or higher	
			IPB (Light)	UHS Speed Class 3 or higher	UHS Speed Class 3 or higher	
		119.88 fps 100.00 fps	IPB (Standard)	UHS Speed Class 3 or higher		
			IPB (Light)	SD Speed Class 10 or higher	UHS Speed Class 3 or higher	
	Full HD Full HD cropped	59.94 fps 50.00 fps	IPB (Standard)	SD Speed Class 10 or higher	UHS Speed Class 3 or higher	
			IPB (Light)	SD Speed Class 6 or higher	SD Speed Class 10 or higher	
		29.97 fps 25.00 fps 23.98 fps	IPB (Standard)	SD Speed Class 6 or higher		
			IPB (Light)	SD Speed Class 4 or higher		
Full HD (Time-lapse movie)	29.97 fps 25.00 fps	ALL-I	Read speed of 30 MB/s or higher			
Video AF	Dual Pixel CMOS AF; Movie Servo AF available in AF Menu					
Exposure Compensation	±3 stops in 1/3- or 1/2-stop increments					
Time Code	Yes (Count up, Start time setting, Movie recording count, Movie play count, HDMI time code on/off, HDMI rec. command on/off, Drop frame enable/disable)					
Movie Pre-recording (On/Off)	3 or 5 seconds; user-selectable					
Time-lapse Movie Setting	Interval 2 sec – 99:59:59; Number of frames 2–3,600; Movie recording size 4K/Full HD; Auto exposure fixed @ first frame/auto for each frame; Beep per frame recorded (volume setting 0/silent – 5)					
Time-lapse Playback Frame Rate	29.97 (set to NTSC); 25.00fps (set to PAL)					
LCD Screen						
Type	TFT color, liquid-crystal monitor					
Monitor Size	3.0-inch (screen aspect ratio of 3:2) 2.95 in./7.5cm diagonal (2.44 in./6.2cm width, 1.65 in./4.2cm height)					
Dots	Approx. 1.62 million dots					
Coverage	Approx. 100% vertically/horizontally					
Brightness Control	Manually adjustable to one of seven brightness levels					

Touch-screen Operation	Supported for AF Point selection; Touch AF; Touch Shutter; Menu selection; Quick Control Menu; Magnified view		
Coating	Clear View LCD II • Anti-smudge coating applied. • Anti-reflection coating not applied.		
Interface Languages	29 (English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Ukrainian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Turkish, Arabic, Thai, Simplified/Traditional Chinese, Korean, Malay, Indonesian, Japanese)		
Playback			
Display Format	Item	Still Photo	Movie
	Magnify zoom display	1.5x–10x (15 levels)	-
	AF point display	Yes	-
	Grid display	Off / 3×3 / 6×4 / 3×3+diag	-
	Zebra display	-	Yes
	False Color display	-	Yes
	Rating	OFF / 1 to 5 Stars Select images / Select range / All images in folder / All images on card / All found images	
	Image Search	Search conditions Rating / Date / Folder / Protection / 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	
	Shooting information display	No information display / Basic information display / Detailed shooting information display	
Highlight Alert	White areas without image data blink in single-image display.		
Histogram	Brightness / RGB		
Quick Control Function			
Function	The Quick Control screen can be accessed by pressing the Quick Control button during shooting, recording, or playback.		
Quick Control Screen	The following settings are available for the [Quick Control screen] during movie recording. • View 1: Conventional Quick Control screen • View 2: Cinema EOS-style Quick Control screen		
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 found images (only during image search)		

Direct Printing																															
Compatible Printers		Direct printing from camera not supported																													
DPOF: Digital Print Order Format																															
DPOF		Compliant to DPOF Version 1.1																													
Wi-Fi®																															
Standards Compliance		IEEE 802.11b/g/n/a/ac																													
Transmission Method		DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n/a/ac)																													
Transition Frequency (Central Frequency)		2.4 GHz band Frequency: 2412 to 2462 MHz Channels: 1 to 11 channels 5.0 GHz band Frequency: 5180 to 5825 MHz Channels: 36 to 165 channels																													
Connection Method		(1) Camera access point mode (2) Infrastructure mode																													
Security		<table><tr><th rowspan="2">Connection Method</th><th rowspan="2">Authentication</th><th colspan="2">Encryption</th></tr><tr><th>Encryption</th><th>Key Format and Length</th></tr><tr><td rowspan="2">Camera Access Point</td><td>WPA2 / WPA3-Personal</td><td>AES</td><td>• ASCII 8 characters</td></tr><tr><td>Open</td><td colspan="2">Disable</td></tr><tr><td rowspan="5">Infrastructure</td><td rowspan="2">Open</td><td>WEP</td><td>• Hexadecimal 10 digits • Hexadecimal 26 digits • ASCII 5 characters • ASCII 13 characters</td></tr><tr><td colspan="2">Disable</td></tr><tr><td>Shared key</td><td>WEP</td><td>Same as WEP above</td></tr><tr><td>WPA / WPA2 / WPA3-Personal</td><td>TKIP</td><td>1–127 characters</td></tr><tr><td>WPA / WPA2 / WPA3-Enterprise</td><td>AES</td><td>—</td></tr></table>		Connection Method	Authentication	Encryption		Encryption	Key Format and Length	Camera Access Point	WPA2 / WPA3-Personal	AES	• ASCII 8 characters	Open	Disable		Infrastructure	Open	WEP	• Hexadecimal 10 digits • Hexadecimal 26 digits • ASCII 5 characters • ASCII 13 characters	Disable		Shared key	WEP	Same as WEP above	WPA / WPA2 / WPA3-Personal	TKIP	1–127 characters	WPA / WPA2 / WPA3-Enterprise	AES	—
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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. • NFC connection: Not supported • Supported images: JPEG, HEIF, RAW/C-RAW, MP4 video files • Transcoding while sending: Size to send (original / reduced size); Quality to send (original / compressed)																													
Remote Operation Using EOS Utility		The camera can be controlled via Wi-Fi® or USB, with Canon EOS Utility software installed in a compatible Mac or Windows computer.																													
Print from Wi-Fi® Printers		Not supported.																													
Send Images to a Web Service		image.canon: Video files (MP4) and JPEG, HEIF, RAW or C-RAW still images can be uploaded to image.canon servers. From image.canon, images can be sent to specific social media and 3rd-party cloud image services.																													
Bluetooth®																															
Standards Compliance		Bluetooth Specification Version 5.0 compliant (Bluetooth Low Energy technology)																													

Transmission Method	GFSK modulation												
Bluetooth Pairing	Smartphone — up to 10 devices; BR-E1 remote controller — 1 unit												
Customization													
Available Functions	Dial direction during Tv/Av; Control ring rotation direction; Customize buttons; Customize dials												
Video Calls / Streaming													
USB Video Class (UVC)	Available * The camera is accessible to software (such as Zoom™, MS Teams™, Skype™, etc.) on a computer once connected via USB.												
Custom Controls	Customizable Buttons <table><tr><td>Shutter button</td></tr><tr><td>Movie button</td></tr><tr><td>AF-ON button</td></tr><tr><td>AE lock button</td></tr><tr><td>AF point button</td></tr><tr><td>Depth of field preview button</td></tr><tr><td>Lens AF stop button</td></tr><tr><td>Multi-function button</td></tr><tr><td>Set button</td></tr><tr><td>Multi-controller</td></tr><tr><td>Lens function button</td></tr><tr><td>Speedlite menu direct button</td></tr></table>	Shutter button	Movie button	AF-ON button	AE lock button	AF point button	Depth of field preview button	Lens AF stop button	Multi-function button	Set button	Multi-controller	Lens function button	Speedlite menu direct button
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Main dial													
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Lens Control ring													
My Menu Registration	• Up to six top-tier menu items and Custom Functions can be registered. • Up to five My Menu tabs can be added. <table><tr><td>My Menu tab overall operations</td><td> • Adding a tab • Deleting tabs in a batch • Deleting all tab items • Setting the menu display </td></tr><tr><td>My Menu tab detailed operations</td><td> • Selecting a registered item • Sorting registered items • Deleting selected registered items • Deleting registered items in a batch • Deleting tabs • Changing a tab name (16 ASCII characters) </td></tr></table>	My Menu tab overall operations	• Adding a tab • Deleting tabs in a batch • Deleting all tab items • Setting the menu display	My Menu tab detailed operations	• Selecting a registered item • Sorting registered items • Deleting selected registered items • Deleting registered items in a batch • Deleting tabs • Changing a tab name (16 ASCII characters)								
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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.												
HDMI Out Terminal	HDMI micro OUT terminal (Type D) • Supports HDMI RAW output to compatible HDMI external recorders, 4K 60p output, and (to HDR TVs) HDR PQ video output. • HDMI CEC not supported • Images may not be displayed unless [For NTSC] or [For PAL] is set correctly for the TV video system.												

Clean HDMI Output	Provided
Microphone terminal	3.5mm diameter stereo mini jack
Headphone terminal	Compatible with 3.5mm diameter stereo mini-plug
Power Source	
Battery	Canon LP-E6NH battery pack (also compatible with LP-E6N and LP-E6 battery packs) • With the AC Adapter AC-E6N + DC Coupler DR-E6, AC power is possible (AC Adapter Kit ACK-E6 can also be used). • With the USB Power Adapter PD-E1, in-camera charging of LP-E6NH is possible. The USB Power Adapter PD-E1 is not compatible with powering the camera.
Optional Battery Grip	Compatible with Canon Battery Grip BG-R10 (Accepts one or two LP-E6NH, LP-E6N, or LP-E6 battery packs)
Battery Check	Automatic battery check with 6-level display when the power switch is turned ON. Displayed in 6 levels in viewfinder, and on LCD screen. Battery info display in Set-up Menu: • Remaining capacity percentage • Shutter count, on current battery charge • Recharge performance (battery's ability to hold charge; displayed in 3 levels)
Start-up Time	Approx. 0.4 sec. • Based on CIPA testing standards.
Dimensions and Weight	
Dimensions (W x H x D)	Approx. 5.45 x 3.87 x 3.48 in. / 138.4 x 98.4 x 88.4mm • Based on CIPA standards.
Weight	Approx. 1.5 lbs. / 670g (including battery, SD memory card; without body cap) Approx. 1.3 lbs. / 588g (body only; without battery, card or body cap)
Operating Environment	
Working Temperature Range	32–104°F / 0–40°C
Working Humidity Range	85% or less