Specifications

Format

Type: Digital single-lens non-reflex AF/AE camera
Lens mount: Canon RF mount
Compatible lenses: Canon RF lens group (including RF-S lenses)
* Canon EF or EF-S lenses (excluding EF-M lenses) also compatible, using Mount Adapter EF-EOS R
Lens focal length:
When using RF/EF lenses: Same as focal length indicated on the lens
When using RF-S/EF-S lenses: Approx. 1.6 times the focal length indicated on the lens

Image sensor

Type: Full-frame CMOS sensor

Effective pixels[*1][*2]	Max. approx. 24.2 megapixels
Total pixels[*1]	Approx. 25.6 megapixels
Screen size	Approx. 36.0×24.0 mm
Dual Pixel CMOS AF	Supported

* 1: Rounded to the nearest 100,000.
* 2: Using RF or EF lenses.
The effective pixel count may be lower with certain lenses and image processing.

Recording system

Image recording format: Compliant with Design rule for Camera File system 2.0 and Exif 3.00

Image type / recording format / extension

Image type / recording format		Extension
Still photo	JPEG	.JPG
	HEIF	.HIF
	RAW	.CR3
	C-RAW	
Movies[*1]	XF-HEVC S YCC422 10 bit XF-HEVC S YCC420 10 bit XF-AVC S YCC422 10 bit XF-AVC S YCC420 8 bit	.MP4

* 1: When a movie is recorded with [**Add CP File**: **On**] set, a ".CPF" file will be created.

Recording media

Card slot: Single slot
Recording media: SDXC/SDHC/SD memory cards
* UHS-II/UHS-I/UHS speed class / SD speed class supported

Still photo recording

Recording pixel count

Image size		Resolution (Pixels)				
		Still photo cropping / aspect ratio				
		3:2	1.6× (crop)[*1]	1:1	4:3	16:9
JPEG / HEIF	Large	24.0 megapixels (6000×4000)	Approx. 9.3 megapixels (3744×2496)	16.0 megapixels (4000×4000)	Approx. 21.3 megapixels[*2] (5328×4000)	Approx. 20.2 megapixels[*2] (6000×3368)
	Medium	Approx. 10.6 megapixels (3984×2656)		Approx. 7.1 megapixels (2656×2656)	Approx. 9.5 megapixels (3552×2664)	Approx. 8.9 megapixels[*2] (3984×2240)
	Small 1	Approx. 5.9 megapixels (2976×1984)		Approx. 3.9 megapixels (1984×1984)	Approx. 5.3 megapixels (2656×1992)	Approx. 5.0 megapixels[*2] (2976×1680)
	Small 2	Approx. 3.8 megapixels (2400×1600)	Approx. 3.8 megapixels (2400×1600)	Approx. 2.6 megapixels (1600×1600)	Approx. 3.4 megapixels[*2] (2112×1600)	Approx. 3.2 megapixels[*2] (2400×1344)
RAW	RAW / CRAW	24.0 megapixels (6000×4000)	Approx. 9.3 megapixels (3744×2496)	24.0 megapixels[*2] (6000×4000)		

* Values for recorded pixels are rounded off to the nearest 100,000th.
* RAW/C-RAW images are generated in [3:2], and the set aspect ratio information is appended to the images.
* JPEG/HEIF images are generated in the set aspect ratio.
* These aspect ratios and pixel counts also apply to resizing.
* 1: Angle of view of approx. 1.6 times the indicated focal length.
* 2: Aspect ratios are slightly different for these image sizes.

File size / Number of shots available / Maximum burst for continuous shooting

Image quality		File size (Approx. MB)	Number of shots available (Approx.)	Maximum burst (Approx.)[*1]	
				Electronic 1st-curtain	Electronic shutter
JPEG[*2]	◢Large	8.2	14810	1000 or more	190
	▟Large	4.4	27270	1000 or more	190
	◢Medium	4.5	26520	1000 or more	180
	▟Medium	2.6	45790	1000 or more	180
	◢Small 1	3.0	39270	1000 or more	180
	▟Small 1	1.8	51350	1000 or more	180
	Small 2	1.8	65160	1000 or more	180
HEIF[*3]	◢Large	8.2	14420	1000 or more	180
	▟Large	6.3	18770	1000 or more	180
	◢Medium	5.0	23330	1000 or more	180
	▟Medium	3.9	29610	1000 or more	180
	◢Small 1	3.4	33560	1000 or more	180
	▟Small 1	2.8	41060	1000 or more	180
	Small 2	1.8	56980	1000 or more	180
RAW[*2]	RAW	26.1	4710	1000 or more	73
	CRAW	13.1	9400	1000 or more	150
RAW+JPEG[*2]	RAW+◢Large	26.1+8.2	3570	1000 or more	73
	CRAW+◢Large	13.1+8.2	5750	1000 or more	150
RAW+HEIF[*3]	RAW+◢Large	28.6+8.2	3290	150	51
	CRAW+◢Large	15.7+8.2	5060	390	150

* 1: Maximum burst applies to 128 GB UHS-II cards conforming to Canon testing standards.
* 2: When [**HDR shooting (PQ)**: **Disable**] is set.
* 3: When [**HDR shooting (PQ)**: **HDR PQ**] is set.
* Maximum burst as measured under conditions conforming to Canon testing standards (One-Shot AF mode, High-speed continuous shooting +, ISO 100, Standard Picture Style, and Room temperature: 23°C / 73°F).
* File size varies by shooting conditions (such as cropping/aspect ratio, subject, ISO speed, and color mode).
* Number of shots available and maximum burst varies depending on shooting conditions (including cropping/aspect, subject, card brand, ISO speed, color mode, Custom Functions, battery level, and temperature).

Movie recording

Movie recording format

Movie recording format	Video codec	Color sampling method	Bit depth	File extension
XF-HEVC S YCC422 10 bit	H.265 / HEVC	YCbCr 4:2:2	10 bits	MP4
XF-HEVC S YCC420 10 bit	H.265 / HEVC	YCbCr 4:2:0	10 bits	MP4
XF-AVC S YCC422 10 bit	H.264 / MPEG-4 AVC	YCbCr 4:2:2	10 bits	MP4
XF-AVC S YCC420 8 bit	H.264 / MPEG-4 AVC	YCbCr 4:2:0	8 bits	MP4

Movie recording format / Movie recording size / Frame rate

Movie recording format	Movie recording size	Compression method	Frame rate (fps)		
			179.8	150.0	119.9
XF-HEVC S YCC422 10 bit XF-HEVC S YCC420 10 bit XF-AVC S YCC422 10 bit XF-AVC S YCC420 8 bit	4K	Standard LGOP			
	Full HD		Yes*1	Yes*1	Yes*1

Movie recording format	Movie recording size	Compression method	Frame rate (fps)		
			100.0	59.94	50.00
XF-HEVC S YCC422 10 bit XF-HEVC S YCC420 10 bit XF-AVC S YCC422 10 bit XF-AVC S YCC420 8 bit	4K	Standard LGOP		Yes	Yes
	Full HD		Yes*1	Yes	Yes

Movie recording format	Movie recording size	Compression method	Frame rate (fps)		
			29.97	25.00	23.98
XF-HEVC S YCC422 10 bit XF-HEVC S YCC420 10 bit XF-AVC S YCC422 10 bit XF-AVC S YCC420 8 bit	4K	Standard LGOP	Yes	Yes	Yes
	Full HD		Yes	Yes	Yes

* 1: Only exFAT-formatted cards can be used for recording (recording to FAT32-formatted cards is not possible).

Audio settings

Built-in microphone: Stereo microphones
External microphone (Multi-function shoe input): Compatible with Directional Stereo Microphone DM-E1D
External microphone (External microphone IN terminal): 3.5 mm diameter stereo mini jack (3-pin)

Estimated recording time, video bit rate, file size, and card performance requirements

4K

Recording format	Compression method	Frame rate (fps)	Total recording time (approx.)		
			64 GB	256 GB	1 TB
XF-HEVC S YCC422 10 bit	Standard LGOP	59.94	37 min.	2 hr. 31 min.	9 hr. 51 min.
		50.00			
		29.97	1 hr. 3 min.	4 hr. 12 min.	16 hr. 25 min.
		25.00			
		23.98			
XF-HEVC S YCC420 10 bit XF-AVC S YCC420 8 bit	Standard LGOP	59.94	56 min.	3 hr. 47 min.	14 hr. 47 min.
		50.00			
		29.97	1 hr. 25 min.	5 hr. 40 min.	22 hr. 9 min.
		25.00			
		23.98			
XF-AVC S YCC422 10 bit	Standard LGOP	59.94	34 min.	2 hr. 16 min.	8 hr. 52 min.
		50.00			
		29.97	56 min.	3 hr. 47 min.	14 hr. 47 min.
		25.00			
		23.98			

Recording format	Compression method	Frame rate (fps)	Video bit rate (approx. Mbps)	File size (approx. MB/min.)	Card performance requirements
XF-HEVC S YCC422 10 bit	Standard LGOP	59.94	225	1612	U3
		50.00			
		29.97	135	968	
		25.00			
		23.98			
XF-HEVC S YCC420 10 bit XF-AVC S YCC420 8 bit	Standard LGOP	59.94	150	1075	U3
		50.00			
		29.97	100	718	
		25.00			
		23.98			
XF-AVC S YCC422 10 bit	Standard LGOP	59.94	250	1791	V60
		50.00			
		29.97	150	1075	U3
		25.00			
		23.98			

* Video bit rate indicates video only; audio and metadata are not included.
* When [**Audio format**: **AAC / 16bit / 2CH**] is set.
* Movie recording stops when the maximum recording time per movie is reached.

Full HD

Recording format	Compression method	Frame rate (fps)	Total recording time (approx.)		
			64 GB	256 GB	1 TB
XF-HEVC S YCC422 10 bit	Standard LGOP	179.8	56 min.	3 hr. 47 min.	14 hr. 47 min.
		150.0			
		119.9	1 hr. 25 min.	5 hr. 40 min.	22 hr. 9 min.
		100.0			
		59.94	2 hr. 49 min.	11 hr. 19 min.	44 hr. 12 min.
		50.00			
		29.97			
		25.00			
		23.98			
XF-HEVC S YCC420 10 bit XF-AVC S YCC420 8 bit	Standard LGOP	179.8	1 hr. 21 min.	5 hr. 24 min.	21 hr. 6 min.
		150.0			
		119.9	2 hr. 1 min.	8 hr. 5 min.	31 hr. 37 min.
		100.0			
		59.94	4 hr. 2 min.	16 hr. 7 min.	63 hr. 1 min.
		50.00			
		29.97			
		25.00			
		23.98			

		179.8	56 min.	3 hr. 47 min.	14 hr. 47 min.
		150.0			
		119.9	1 hr. 25 min.	5 hr. 40 min.	22 hr. 9 min.
		100.0			
XF-AVC S YCC422 10 bit	Standard LGOP	59.94	2 hr. 49 min.	11 hr. 19 min.	44 hr. 12 min.
		50.00			
		29.97			
		25.00			
		23.98			

Recording format	Compression method	Frame rate (fps)	Video bit rate (approx. Mbps)	File size (approx. MB/min.)	Card performance requirements
XF-HEVC S YCC422 10 bit	Standard LGOP	179.8	150	1075	U3
		150.0			
		119.9	100	718	
		100.0			
		59.94	50	360	
		50.00			
		29.97			
		25.00			
		23.98			
XF-HEVC S YCC420 10 bit XF-AVC S YCC420 8 bit	Standard LGOP	179.8	105	753	U3
		150.0			
		119.9	70	503	
		100.0			
		59.94	35	253	
		50.00			
		29.97			
		25.00			
		23.98			
XF-AVC S YCC422 10 bit	Standard LGOP	179.8	150	1075	U3
		150.0			
		119.9	100	718	
		100.0			
		59.94	50	360	
		50.00			
		29.97			
		25.00			
		23.98			

* Video bit rate indicates video only; audio and metadata are not included.
* When [**Audio format**: **AAC / 16bit / 2CH**] is set.
* Movie recording stops when the maximum recording time per movie is reached.

Auto stopping of movie recording

Maximum recording time per recording: Normal movies

100.0 fps or higher	Maximum: 2 hr.
Less than 100.0 fps	Maximum: 6 hr.

* Longest time available per recording.
* Except when movie recording stops due to overheating, the power supply used, errors, or other reasons.

Maximum recording time per recording: S&F movies (NTSC)

(Max. approx. min.)

▶ fps	🎥 fps								
	180	120	60	30	12	6	3	2	1
59.94	120	180	360	360	360	360	360	360	360
29.97	60	90	180	360	360	360	360	360	360
23.98	48	72	144	288	360	360	360	360	360

* Longest time available per recording.
* Except when movie recording stops due to overheating, the power supply used, errors, or other reasons.

Maximum recording time per recording: S&F movies (PAL)

(Max. approx. min.)

▶ fps	🎥 fps								
	150	100	50	25	12	6	3	2	1
50.00	120	180	360	360	360	360	360	360	360
25.00	60	90	180	360	360	360	360	360	360

* Longest time available per recording.
* Except when movie recording stops due to overheating, the power supply used, errors, or other reasons.

Autofocus (AF)

Focusing method: Dual Pixel CMOS AF

Focusing brightness range

Still photo shooting
EV -7.5 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
* Other measurement conditions are based on Canon testing standards.

Movie recording

- 4K 29.97 fps: EV -5.5 to 21
- Full HD 29.97 fps: EV -5.0 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
* Other measurement conditions are based on Canon testing standards.

Focusing operation

	Still photo shooting	Movie recording
AF operation*[1]	One-Shot AF AI Focus AF Servo AF	One-Shot AF Movie Servo AF
Manual focus (MF)	Supported	Supported

* 1: Available in Creative Zone modes. Automatically set in Basic Zone modes to suit the shooting mode.
* When set to AI Focus AF, the camera automatically switches from One-Shot AF to Servo AF in response to subject movement (also applies during continuous shooting).
* Cannot be set for Basic Zone still photo shooting.

Focus mode: AF / MF
* Applies when an RF or RF-S lens without a focus mode switch is used.
* When lenses with a focus mode switch are used, the setting on the lens takes precedence.

Lens compatibility based on AF area: Refer to the Canon website (   ).

Number of AF area available for automatic selection

Focusing area		Horizontal: Approx. 100%, Vertical: Approx. 100%
Number of AF zones	Still photo	Max. 1053 zones (39×27)
	Movies*[1]	Max. 1053 zones (39×27)

* May vary depending on settings.
* 1: When 4K is set.

Selectable positions for AF point

Focusing area		Horizontal: Approx. 90%, Vertical: Approx. 100%
Numbers of positions	Still photo	Max. 4368 positions (78×56)
	Movies[*1]	Max. 3588 positions (78×46)

* When set to [1-point AF] and selected using the Multi-controller.
* Values for the selectable positions for AF points do not represent AF performance.
* 1: When 4K is set.

Viewfinder

Type: OLED color electronic viewfinder
Screen size: Approx. 1.0 cm (0.39 inch)
Dot count: Approx. 2,360,000 dots
Magnification / Angle of view: Approx. 0.70× / 33.0° (with 50 mm lens at infinity, $-1\ m^{-1}$)
Coverage: Approx. 100% (at JPEG Large (3:2) image quality, 3:2 aspect ratio and approx. 22 mm eyepoint)
Eyepoint: Approx. 22 mm (at $-1\ m^{-1}$ from eyepiece lens end)
Dioptric adjustment: Approx. -4.0 to $+1.0\ m^{-1}$

Screen

Screen size: Approx. 7.5 cm (3.0 inch) (screen aspect ratio of 3:2)
Dot count: Approx. 1,620,000 dots
Angle of view: Approx. 170° vertically and horizontally
Coverage: Approx. 100% (at L image size and an aspect ratio of 3:2)
Screen brightness: Manually adjustable in a range of 1–7
Touch-screen: Capacitive sensing

Exposure control

Metering functions under various shooting conditions

Item		Still photo shooting	Movie recording
Metering sensor		384-zone (24×16) metering using image sensor output signals[*1]	
Metering mode	Evaluative metering	Yes	Yes
	Partial metering	Yes Approx. 5.9% in the center of the screen[*3]	
	Spot metering[*2]	Yes Approx. 3.0% in the center of the screen[*3]	
	Center-weighted average metering	Yes	
Metering brightness range (at room temperature, ISO 100)		EV -3 to 20	EV -1 to 20

* 1: Same applies when set to [**1.6x (crop)**].
* 2: Multi-spot metering is not available (not supported).
* 3: When set to Full-frame. Values differ when 1.6× (crop) or Digital tele-converter is set.

ISO speed (recommended exposure index) in still photo shooting

ISO speed:
Normal ISO speed: ISO 100–102400
Expanded ISO speeds: L (equivalent to ISO 50), H (equivalent to ISO 204800)
* When set to [**Highlight tone priority**], the available manual setting range is ISO 200–102400.
* Expanded ISO speeds are not available when [**HDR Mode**] or [**HDR shooting (PQ)**: **HDR PQ**] is set.

ISO speed range:

- Minimum: L (equivalent to ISO 50)–102400
- Maximum: ISO 100–H (equivalent to ISO 204800)

Auto range:

- Minimum: ISO 100–51200
- Maximum: ISO 200–102400

Auto details

Shooting mode		No flash	Using flash	
			When using a lens compatible with variable control of maximum ISO Auto limit for E-TTL	When using a lens incompatible with variable control of maximum ISO Auto limit for E-TTL
Creative Zone	Fv / P / Tv / Av / M	ISO 100[*1]–102400[*2]	ISO 100[*1]–6400[*2]	ISO 100[*1]–1600[*2]
	B	ISO 400[*3]	ISO 400[*3]	
Basic Zone	A+	ISO 100–25600	ISO 100–6400	ISO 100–1600
	SCN	Varies depending on shooting mode		

* 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.

Variable control of maximum ISO Auto limit for E-TTL: Supported

ISO speed (recommended exposure index) in movie recording

ISO speed (M mode)

	Custom Picture	ISO speed
Normal ISO speed	Off[*2]	ISO 100–25600
	Canon 709 / PQ / HLG	ISO 400–25600
	Canon Log 3	ISO 800–25600
	BT.709 Standard	ISO 160–25600
Expanded ISO speed[*1]	Off[*3*4]	H (equivalent to ISO 32000, 40000, 51200, 64000, 80000, or 102400)
	Canon 709 / PQ / HLG	L (equivalent to ISO 100, 125, 160, 200, 250, or 320) H (equivalent to ISO 32000, 40000, 51200, 64000, 80000, or 102400)
	Canon Log 3	L (equivalent to ISO 100, 125, 160, 200, 250, 320, 400, 500, or 640) H (equivalent to ISO 32000, 40000, 51200, 64000, 80000, or 102400)
	BT.709 Standard	L (equivalent to ISO 100 or 125) H (equivalent to ISO 32000, 40000, 51200, 64000, 80000, or 102400)

* 1: When set to 4K 59.94p/50.00p, maximum expanded ISO speed is equivalent to ISO 51200.
* 2: The lower end of the ISO speed range starts from ISO 200 when [**Highlight tone priority**] is set.
* 3: Expanded ISO speeds are not available when [**HDR shooting (PQ)**: **HDR PQ**] is set.
* 4: Expanded ISO speeds are not available when [**Highlight tone priority**] is set.
* Maximum ISO speed when set manually corresponds to the [**ISO speed range**] setting.

ISO speed (P / Tv / Av / C1 / C2 / C3 / S&F mode / Time-lapse movies, and M mode with ISO Auto set)

	Custom Picture	ISO speed
Normal ISO speed	Off[*2]	ISO 100–25600
	Canon 709 / PQ / HLG	ISO 400–25600
	Canon Log 3	ISO 800–25600
	BT.709 Standard	ISO 160–25600
Expanded ISO speed[*1]	Off[*3*4]	H (equivalent to ISO 32000, 40000, 51200, 64000, 80000, or 102400)
	Canon 709 / PQ / HLG	
	Canon Log 3	
	BT.709 Standard	

* Cannot be set manually.
* 1: When set to 4K 59.94p/50.00p, maximum expanded ISO speed is equivalent to ISO 51200.
* 2: The lower end of the ISO speed range starts from ISO 200 when [**Highlight tone priority**] is set.
* 3: Expanded ISO speeds are not available when [**HDR shooting (PQ)**: **HDR PQ**] is set.
* 4: Expanded ISO speeds are not available when [**Highlight tone priority**] is set.
* Maximum ISO speed when set automatically corresponds to the [**Max for Auto**] setting.

ISO speed range:

Minimum: ISO 100–25600
Maximum: ISO 200–25600, H (equivalent to ISO 51200 / 102400)

Max for Auto:
ISO 6400 / 12800 / 25600 / H (equivalent to ISO 51200 / 102400)

Max for Auto for time-lapse movies:
ISO 400 / 800 / 1600 / 3200 / 6400 / 12800 / 25600

Shutter

Still photo shooting

Type:
Electronically controlled focal-plane shutter
Rolling shutter, using the image sensor

Shutter mode

Mode	Flash photography
Electronic 1st-curtain	Available
Electronic shutter	Disabled

Shutter speed

Mode	Setting range
Electronic 1st-curtain	1/4000–30 sec., bulb
Electronic shutter	1/16000*1*2*3, 1/8000–30 sec., bulb

*1: 1/16000 sec. is only available in Fv, Tv or M mode (up to 1/8000 sec. in P, or Av mode).
*2: When the 1/16000 sec. is set, exposure cannot be adjusted in 1/3-stop or 1/2-stop increments. Depending on the shooting conditions, adjustments may be made using the aperture value or ISO speed.
*3: Up to 1/8000 sec. when set to HDR mode, focus bracketing, or same exposure for new aperture (ISO speed/Shutter speed, Shutter speed).

Flash sync speed

EL/EX Speedlite		Non-Canon flash unit
Full frame	1.6× (crop)	
1/200 sec.	1/250 sec.	1/200 sec.

* Flash photography with the electronic shutter not supported.

Movie recording

Type: Rolling shutter, using the image sensor

Shutter speed:
In Tv or M mode: 1/8000–1/8 sec.
Other modes: 1/8000–1/25 sec.
* The minimum value varies by shooting mode and frame rate.
* The minimum speed is 1/200 sec. (NTSC) / 1/160 sec. (PAL) when set to 179.8 or 150.0 fps, and 1/125 sec. (NTSC) / 1/100 sec. (PAL) when set to 119.9 or 100.0 fps.

Image stabilization (IS mode): Provided

Drive

Continuous shooting speed

(Max. approx.)

Drive mode	AF operation	Electronic 1st-curtain	Electronic shutter
Single shooting		Yes	Yes
High-speed continuous shooting + [❐H+]	One-Shot AF AI Focus AF Servo AF	6.0 shots/sec.	40 shots/sec.
High-speed continuous shooting [❐H]	One-Shot AF AI Focus AF Servo AF	6.0 shots/sec.	20 shots/sec.
Low-speed continuous shooting [❐]	One-Shot AF AI Focus AF Servo AF	3.0 shots/sec.	5.0 shots/sec.
Self-timer: 10 sec.		Yes	Yes
Self-timer: 2 sec.		Yes	Yes
Self-timer: Continuous shooting		Yes	Yes

External flash

Accessory shoe contacts: 21 pins for accessories compatible with the multi-function shoe, 5 pins for X-sync and communication
Flash exposure compensation: ±3 stops (in 1/3- or 1/2-stop increments)

Frame grab from movies

Individual frames of 4K movies recorded with the camera can be saved as approx. 8.3-megapixel (3840×2160) still photos (JPEG / HEIF).
* Still photos are saved as JPEGs from normal movies, and as HEIF images from HDR shooting (PQ) movies.
* In-camera resizing, cropping, and Creative Assist (during playback) is not supported for extracted still photos.
* The camera cannot frame grab still photos from movies recorded using [**Custom Picture**].

Print order (DPOF)

Compliant with DPOF Version 1.1

External interface

Digital terminal

Terminal type	USB Type-C®
Transmission	Equivalent to USB 10 Gbps (SuperSpeed Plus USB / USB 3.2 Gen 2)
Applications	For computer communication / smartphone communication USB battery charging / camera power supply

HDMI output terminal: HDMI micro OUT terminal (Type D)
* Resolution switches automatically
* HDMI CEC not supported
External microphone input terminal: 3.5 mm diameter stereo mini jack (3-pin)
* Use Stereo Microphone DM-E100 if plug-in power will be used.
Headphone terminal: 3.5 mm diameter stereo mini jack
Remote control terminal: E3 type terminal

Power source

Battery

Compatible battery packs	LP-E17
Quantity used	1

USB battery charging and camera power supply: Using USB Power Adapter PD-E2 / PD-E1

AC power source:AC Adapter AC-E6N and DC Coupler DR-E18

Number of shots available

Shooting method	Temperature	Available shots (approx.)	
		Power saving*1	Smooth*2
Viewfinder shooting*3	+23°C / 73°F	220	150
On-screen shooting*4		340	270

*1: Based on CIPA standards.
*2: According to Canon measurement conditions, which are based on CIPA standards.
*3: When [**Viewfinder**] is set.
*4: When [**Screen**] is set.
* With a new, fully charged LP-E17
* The number of shots available may vary greatly depending on the shooting environment.
* Fewer shots may be available with a compatible accessory attached to the multi-function shoe, because the camera powers the accessory.

Available operating time

Conditions of use			Temperature	Available operating time
Time available for bulb exposure			+23°C / 73°F	Approx. 3 hr.
Time available for Live View shooting			+23°C / 73°F	Approx. 2 hr. 30 min.
Time available for movie recording*1	4K	• Standard LGOP • 59.94 fps / 50.00 fps	+23°C / 73°F	Approx. 40 min.
			0°C / 32°F	Approx. 40 min.
	Full HD	• Standard LGOP • 29.97 fps / 25.00 fps	+23°C / 73°F	Approx. 2 hr.
			0°C / 32°F	Approx. 1 hr. 50 min.
Time available for movie playback (normal playback)	4K	• Standard LGOP • 59.94 fps / 50.00 fps	+23°C / 73°F	Approx. 2 hr. 40 min.

* With a new, fully charged LP-E17
* When using the screen
* 1: When [**Movie Servo AF**: **Disable**] and [**Movie cropping**: **Disable**] are set

Dimensions and weight

Dimensions

W×H×D	Approx. 131.4×90.0×79.7 mm / Approx. 5.17×3.54×3.14 in.

* Based on CIPA guidelines.

Weight

Body (including battery and card) * Based on CIPA guidelines.	Approx. 546 g / Approx. 19.26 oz.
Body only	Approx. 499 g / Approx. 17.60 oz.

* Not including body cap or shoe cover.

Operating environment

Operating temperature: 0–40°C / 32–104°F
Operating humidity: 85% or less

Wi-Fi (wireless LAN)

Supported standards (equivalent to IEEE 802.11b/g/n/a/ac/ax standards)

Wi-Fi standards (equivalent)	Transmission method	Link speed (maximum)	
		5 GHz band	2.4 GHz band
IEEE 802.11ax	OFDM modulation (CSMA / CA)	143.4 Mbps	
IEEE 802.11ac		86.7 Mbps	—
IEEE 802.11n		72.2 Mbps	
IEEE 802.11a		54 Mbps	—
IEEE 802.11g		—	54 Mbps
IEEE 802.11b	DSSS modulation	—	11 Mbps

* Not compatible with MIMO (Multiple-input and multiple-output).

Transmission frequency (Center frequency)

2.4 GHz band

Frequency	2412 to 2462 MHz
Channels	1 to 11 ch

5 GHz band

Frequency	5180 to 5825 MHz
Channels	36 to 165 ch

* Specifications vary by country/region.

Authentication and data encryption methods

2.4 GHz band / 5 GHz band

Connection method	Authentication	Encryption
Camera access point	Open	Disable
	WPA2 / WPA3-Personal	AES
Infrastructure	Open	Disable
	WPA / WPA2 / WPA3-Personal	AES

Bluetooth

Standards compliance: Bluetooth Specification Version 5.3 compliant (Bluetooth Low Energy technology)
Transmission method: GFSK modulation

All data above is based on Canon testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines.
Dimensions and weight listed above are based on CIPA Guidelines (except weight for camera body only).
Product specifications and appearance are subject to change without notice.
If a problem occurs with a non-Canon lens attached to the camera, contact the respective lens manufacturer.