Canon

EOS R10

Advanced User Guide

E

Specifications

Type

Type: Digital single-lens non-reflex AF/AE camera
Lens mount: Canon RF mount
Compatible lenses: Canon RF and RF-S lens groups
 * Using Mount Adapter EF-EOS R: Canon EF or EF-S lenses (EF-M lenses not compatible)
Lens focal length: Approx. 1.6 times the focal length indicated on the lens

Image sensor

Type: CMOS sensor

Effective pixels[1][2]	Max. approx. 24.2 megapixels
Total pixels[1]	Approx. 25.5 megapixels
Screen size	Approx. 22.3 × 14.9 mm
CMOS size	APS-C
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 2.31[1]
 * 1: Supports time difference information

Image type and extension

Image type		Extension
Still photos	JPEG	JPG
	HEIF	HIF
	RAW	CR3
	Dual Pixel RAW	
	RAW burst	
	C-RAW	
Movies	ALL-I[1], IPB (Std), IPB (Light)	MP4

 * 1: Time-lapse movies only

Recording media

Recording media

SD, SDHC, SDXC memory cards

SD speed class	Supported
UHS speed class	Supported
UHS-I	Supported
UHS-II	Supported

Card slot: Equipped with a single slot
* Supports UHS-II

Still photo recording

Still photo pixel count

Image quality		Recorded pixels			
		Aspect ratio			
		3:2	4:3	16:9	1:1
JPEG/ HEIF	**L**	24.0 megapixels (6000 × 4000)	Approx. 21.3 megapixels[1] (5328 × 4000)	Approx. 20.2 megapixels[1] (6000 × 3368)	16.0 megapixels (4000 × 4000)
	M	Approx. 10.6 megapixels (3984 × 2656)	Approx. 9.5 megapixels (3552 × 2664)	Approx. 8.9 megapixels[1] (3984 × 2240)	Approx. 7.1 megapixels (2656 × 2656)
	S1	Approx. 5.9 megapixels (2976 × 1984)	Approx. 5.3 megapixels (2656 × 1992)	Approx. 5.0 megapixels[1] (2976 × 1680)	Approx. 3.9 megapixels (1984 × 1984)
	S2	Approx. 3.8 megapixels (2400 × 1600)	Approx. 3.4 megapixels[1] (2112 × 1600)	Approx. 3.2 megapixels[1] (2400 × 1344)	Approx. 2.6 megapixels (1600 × 1600)
RAW	RAW / CRAW	24.0 megapixels (6000 × 4000)			

* Values for recorded pixels are rounded off 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.
* 1: Aspect ratios are slightly different for these image sizes.

Still photo file size / Number of shots available

Image quality		File size [Approx. MB]	Available shots [Approx.]*¹
JPEG*²	▲L	8.7	3511
	▲L	4.6	6617
	▲M	4.7	6439
	▲M	2.6	11407
	▲S1	3.1	9761
	▲S1	1.8	16130
	S2	1.8	16264
HEIF*³	▲L	9.1	3369
	▲L	7.0	4389
	▲M	5.4	5639
	▲M	4.3	7172
	▲S1	3.7	8221
	▲S1	3.0	10104
	S2	2.2	14117
RAW*²	RAW	27.0	1142
	CRAW	14.0	2230
RAW+JPEG*²	RAW + ▲L	27.0 + 8.7	861
	CRAW + ▲L	14.0 + 8.7	1362
RAW+HEIF*³	RAW + ▲L	29.9 + 9.1	785
	CRAW + ▲L	16.9 + 9.1	1183

* 1: Number of shots available applies to a 32 GB card conforming to Canon testing standards.

* 2: When set to [**HDR shooting HDR PQ: Disable**].

* 3: When set to [**HDR shooting HDR PQ: Enable**].

* File size and number of shots available are measured based on Canon testing standards.

* File size and number of shots available vary depending on shooting conditions (including aspect ratio, subject, ISO speed, Picture Style, and Custom Function).

Maximum burst for continuous shooting [Approx.]

Number of shots available when set to [**Drive mode**: 🖳] without slower continuous shooting

Shutter mode Continuous shooting speed		Mechanical shutter / Electronic 1st-curtain Approx. 15 shots/sec.		Electronic shutter Approx. 23 shots/sec.	
Card used for recording		Standard card*1	High-speed card*2	Standard card*1	High-speed card*2
JPEG*3	▲L	123	460	70	70
	▲M	231	231	55	55
	▲S1	249	249	60	61
	S2	272	272	59	60
HEIF*4	▲L	90	190	56	60
	▲M	172	172	55	55
	▲S1	208	208	60	60
	S2	220	227	59	59
RAW*3	RAW	21	29	18	21
	CRAW	40	157	32	43
RAW+JPEG*3	RAW + ▲L	21	23	18	19
	CRAW + ▲L	40	60	32	40
RAW+HEIF*4	RAW + ▲L	21	23	17	17
	CRAW + ▲L	40	49	32	38

* Maximum burst as measured under conditions conforming to Canon testing standards (High-speed continuous + 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**].

Movie recording

Movie recording format: MP4

Estimated recording time, movie bit rate, and file size

HDR PQ: OFF

Movie recording size				Total recording time (Approx.)			Movie bit rate (Approx. Mbps)	File size (Approx. MB/min.)
Movie recording	Frame rate (fps)		Compression method	32 GB	128 GB	512 GB		
	NTSC	PAL						
4K UHD	29.97 23.98	25.00	IPB (Standard)	35 min.	2 hr. 21 min.	9 hr. 27 min.	120	860
			IPB (Light)	1 hr. 10 min.	4 hr. 43 min.	18 hr. 52 min.	60	431
4K UHD Crop	59.94	50.00	IPB (Standard)	18 min.	1 hr. 14 min.	4 hr. 56 min.	230	1647
			IPB (Light)	35 min.	2 hr. 21 min.	9 hr. 27 min.	120	860
4K UHD (Time-lapse movies)	29.97	25.00	ALL-I	9 min.	36 min.	2 hr. 25 min.	470	3362
Full HD (High Frame Rate movies)	119.88	100.00	IPB (Standard)	35 min.	2 hr. 22 min.	9 hr. 28 min.	120	858
			IPB (Light)	1 hr. 0 min.	4 hr. 3 min.	16 hr. 15 min.	70	501
Full HD	59.94	50.00	IPB (Standard)	1 hr. 10 min.	4 hr. 43 min.	18 hr. 52 min.	60	431
			IPB (Light)	2 hr. 0 min.	8 hr. 3 min.	32 hr. 15 min.	35	252
	29.97 23.98	25.00	IPB (Standard)	2 hr. 20 min.	9 hr. 23 min.	37 hr. 35 min.	30	216
			IPB (Light)	5 hr. 47 min.	23 hr. 11 min.	92 hr. 47 min.	12	88
Full HD (Time-lapse movies)	29.97	25.00	ALL-I	47 min.	3 hr. 9 min.	12 hr. 38 min.	90	644

* Bit rate only applies to video output, not audio or metadata.
* 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) or IPB (Light). Moreover, the video and sound may be slightly out of sync when movies are played back in Windows.

HDR PQ: ON

Movie recording size				Total recording time (Approx.)			Movie bit rate (Approx. Mbps)	File size (Approx. MB/min.)
Movie recording	Frame rate (fps)		Compression method	32 GB	128 GB	512 GB		
	NTSC	PAL						
4K UHD	29.97 23.98	25.00	IPB (Standard)	25 min.	1 hr. 40 min.	6 hr. 40 min.	170	1218
			IPB (Light)	50 min.	3 hr. 20 min.	13 hr. 20 min.	85	610
4K UHD Crop	59.94	50.00	IPB (Standard)	12 min.	50 min.	3 hr. 20 min.	340	2434
			IPB (Light)	25 min.	1 hr. 40 min.	6 hr. 40 min.	170	1218
4K UHD (Time-lapse movies)	29.97	25.00	ALL-I	9 min.	36 min.	2 hr. 25 min.	470	3362
Full HD (High Frame Rate movies)	119.88	100.00	IPB (Standard)	23 min.	1 hr. 34 min.	6 hr. 19 min.	180	1287
			IPB (Light)	42 min.	2 hr. 50 min.	11 hr. 22 min.	100	715
Full HD	59.94	50.00	IPB (Standard)	47 min.	3 hr. 9 min.	12 hr. 36 min.	90	646
			IPB (Light)	1 hr. 24 min.	5 hr. 39 min.	22 hr. 38 min.	50	360
	29.97 23.98	25.00	IPB (Standard)	1 hr. 34 min.	6 hr. 17 min.	25 hr. 8 min.	45	324
			IPB (Light)	2 hr. 30 min.	10 hr. 3 min.	40 hr. 15 min.	28	202
Full HD (Time-lapse movies)	29.97	25.00	ALL-I	31 min.	2 hr. 6 min.	8 hr. 25 min.	135	966

* Bit rate only applies to video output, not audio or metadata.
* 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) or IPB (Light). Moreover, the video and sound may be slightly out of sync when movies are played back in Windows.

Card performance requirements (movie recording) [write/read speed]

Movie recording size				SD card	
Resolution	Frame rate (fps)		Compression method	8 bit	10 bit (HDR PQ)
	NTSC	PAL			
4K UHD	59.94	50.00	IPB (Standard)	UHS Speed Class 3 or higher	Video Speed Class V60 or higher
			IPB (Light)	UHS Speed Class 3 or higher	
	29.97 23.98	25.00	IPB (Standard)	UHS Speed Class 3 or higher	
			IPB (Light)	SD Speed Class 10 or higher	UHS Speed Class 3 or higher
Full HD	119.88	100.00	IPB (Standard)	UHS Speed Class 3 or higher	
			IPB (Light)	SD Speed Class 10 or higher	UHS Speed Class 3 or higher
	59.94	50.00	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 23.98	25.00	IPB (Standard)	SD Speed Class 6 or higher	
			IPB (Light)	SD Speed Class 4 or higher	
4K UHD (Time-lapse movies)	29.97	25.00	ALL-I	Read speed of 60 MB/sec. or higher	
Full HD (Time-lapse movies)	29.97	25.00	ALL-I	Read speed of 30 MB/sec. or higher	

Built-in and external microphones

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

Viewfinder

Type: OLED color electronic viewfinder
Screen size: Approx. 1.00 cm (0.39 inch)
Dot count: Approx. 2,360,000 dots
Magnification / angle of view: Approx. 0.95× / Approx 28° (with 3:2 display, an RF50mm F1.2 L USM lens at infinity, $-1\ m^{-1}$)
Coverage: Approx. 100%
Eyepoint: Approx. 22 mm (at $-1m^{-1}$ from eyepiece lens end)
Dioptric adjustment: Approx. –3.0 to $+1.0m^{-1}$ (dpt)

Screen

Type: TFT color, liquid-crystal monitor
Screen size: Approx. 7.5 cm (3.0 inch) (screen aspect ratio of 3:2)
Dot count: Approx. 1,040,000 dots
Angle of view: Approx. 150° vertically and horizontally
Coverage: Approx. 100% vertically and horizontally (at L image quality and an aspect ratio of 3:2)
Screen brightness: Adjustable to one of seven brightness levels
Touch-screen: Capacitive sensing

HDMI output

HDMI video / audio output: HDMI micro OUT terminal (Type D)
 * HDMI CEC not supported
HDMI resolution: Auto / 1080p

Autofocus

Focusing method: Dual Pixel CMOS AF

Focusing brightness range
Still photo shooting: EV –4.0 to 20
Conditions: When used with an f/1.2 lens,* center AF point, One-Shot AF, at room temperature and ISO 100
 * Except for RF lenses with a Defocus Smoothing (DS) coating.

Movie recording: EV –3.5 to 20
Conditions: When used with an f/1.2 lens,* center AF point, One-Shot AF, at room temperature and ISO 100, recording in Full HD (29.97 / 25.00 fps)
 * Except for RF lenses with a Defocus Smoothing (DS) coating.

Focusing operation

	Still photo shooting	Movie recording
AF operation	• One-Shot AF • Servo AF • In A+ mode, automatically switched from One-Shot AF to Servo AF depending on the subject	• One-Shot AF • Movie Servo AF
Manual focus	Supported	Supported

Focus mode switch: AF / MF
 * 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 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%
Still photos	Max. 651 zones (31 × 21)
Movies	Max. 527 zones (31 × 17)

Selectable positions for AF point

Focusing area		Horizontal: Approx. 90%, Vertical: Approx. 100%
Numbers of positions	Still photos	Max. 4503 positions (79 × 57)
	Movies	Max. 3713 positions (79 × 47)

 * When set to [1-point AF] and selected using the Multi-controller.

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	
Metering mode	Evaluative metering	○	○ * When face is detected
	Partial metering	○ * Approx. 5.8 % in the center of the screen	
	Spot metering	○ * Approx. 2.9 % in the center of the screen	
	Center-weighted average	○	○ * When face is not detected
Metering brightness range (At room temperature, ISO 100)		EV –2 to 20	EV 0 to 20

ISO speed (recommended exposure index) in still photo shooting

Manual ISO speed setting for still photos

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

* ISO 200–32000 when [**Highlight tone priority**] is configured.
* Expanded ISO speeds cannot be set in HDR mode or for HDR shooting (HDR PQ).

Manual ISO speed setting range limits for still photos

Maximum	ISO 200–H (equivalent to ISO 51200, in 1-stop increments)
Minimum	ISO 100–32000 (in 1-stop increments)

ISO Auto setting range limits for still photos

Maximum	ISO 200–32000 (in 1-stop increments)
Minimum	ISO 100–25600 (in 1-stop increments)

ISO Auto details for still photos

Shooting mode		No flash	Using flash	
Variable control of maximum ISO Auto limit for E-TTL			Compatible lenses	Incompatible lenses
Creative Zone	Fv	ISO 100*¹*²–32000*²	ISO 100*¹*²–6400*²	ISO 100*¹*²–1600*²
	P			
	Tv			
	Av			
	M			
	B	ISO 400*⁴		
Basic Zone	Ⓐ⁺	ISO 100–6400	ISO 100–6400	ISO 100–3200*³
	SCN	Varies by shooting mode		
	◎	Varies by 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: When using built-in flash. ISO 1600 when using an external flash unit.
* 4: If outside the setting range, changed to the value most close to ISO 400.

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

ISO speed (recommended exposure index) in movie recording

Manual ISO speed setting for movies

	ISO speed
Normal ISO speed	ISO 100–12800 (in 1/3- or 1-stop increments)
Expanded ISO speed	H (equivalent to ISO 16000–25600) (in 1/3-stop increments)

 * Maximum and minimum ISO speed when set manually corresponds to the [**ISO speed range**] setting.
 * The setting range is ISO 200–12800 when [**Highlight tone priority**] is configured.
 * Expanded ISO speeds are not available in HDR PQ movie, HDR movie, or High Frame Rate movie recording.

Automatic ISO speed setting for movies (in [ISO Auto] mode)

	ISO speed
Normal ISO speed	ISO 100–12800 (in 1/3- or 1-stop increments)
Expanded ISO speed	H (equivalent to ISO 25600)

 * Maximum ISO speed when set automatically corresponds to the [**Max for Auto**] setting.
 * The setting range is ISO 200–12800 when [**Highlight tone priority**] is configured.
 * Expanded ISO speeds are not available in HDR PQ movie, HDR movie, or High Frame Rate movie recording.

Manual ISO speed setting range limit for movies
The manual ISO speed setting range (maximum and minimum) can be changed.

Maximum	ISO 200–12800 or H (equivalent to ISO 25600, in 1-stop increments)
Minimum	ISO 100–12800 (in 1-stop increments)

Maximum ISO Auto setting for movies

Max. for ISO Auto	ISO 6400 / 12800 / H (equivalent to ISO 25600)
Time-lapse movies Max for ISO Auto	ISO 400–12800 (in 1-stop increments)

Shutter

Shutter functionality in still photo shooting

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

Shutter mode

	Flash
Mechanical shutter	Possible
Electronic 1st curtain	Possible
Electronic shutter	Disabled

Shutter speed / X-sync speed

Shutter mode		Setting range	Set increment	X-sync
Mechanical shutter		1/4000–30 sec., Bulb	1/3 stop, 1/2 stop	1/200 sec.
Electronic 1st curtain		1/4000–30 sec., Bulb	1/3 stop, 1/2 stop	1/250 sec.
Electronic shutter	High-speed continuous shooting +	1/4000–30 sec., Bulb	1/3 stop, 1/2 stop	
	Other than above	1/16000, 1/8000–30 sec., Bulb		

Shutter functionality in movie recording

Type: Rolling shutter, using the image sensor

Shutter Speed:
Movie auto exposure: 1/4000–1/25[*1] sec.
Movie manual exposure: 1/4000–1/8[*1] sec.
 * Varies by shooting mode and frame rate.
 * 1: 1/125 sec. (NTSC) or 1/100 sec. (PAL) with [**High Frame Rate**] set to [**Enable**].

Built-in flash

Type: Retractable flash

Retraction method: Manual

Guide no.: Guide no. of approx. 6 (ISO 100/m) / 19.7 (ISO 100/feet)

Flash exposure compensation: ±2 in 1/3-stop increments

Out of flash range (Example)

(Approx.)

ISO speed	Lens: RF-S18-45mm F4.5-6.3 IS STM			
	Wide-angle end f/4.5		Telephoto end f/6.3	
	m	ft.	m	ft.
100	0.3–1.2	1.0–3.9	0.4–0.9	1.3–3.0
1600	1.1–4.9	3.6–16.1	0.8–3.5	2.6–11.5
25600	4.3–19.6	14.1–64.3	3.0–14.0	9.8–45.9

 * Rounded to the first decimal place.

 * When shooting with a far focus distance at high ISO speeds, preflash will cause metering limitations to be exceeded and may prevent correct exposure.

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

Drive

Drive mode and continuous shooting speed

Drive modes	Operating modes	Mechanical shutter	Electronic 1st curtain	Electronic shutter
Single shooting		○		
High-speed continuous shooting +	One-Shot AF	Max. approx. 15 shots/sec.	Max. approx. 15 shots/sec.	Max. approx. 23 shots/sec.
	Servo AF			
High-speed continuous shooting	One-Shot AF	Max. approx. 6.3 shots/sec.	Max. approx. 7.7 shots/sec.	Max. approx. 15 shots/sec.
	Servo AF			
Low-speed continuous shooting	One-Shot AF	Max. approx. 3.0 shots/sec.	Max. approx. 3.0 shots/sec.	Max. approx. 3.0 shots/sec.
	Servo AF			
Self-timer: 10 sec / remote control		○		
Self-timer: 2 sec / remote control		○		
Self-timer: Continuous		○		

Playback functions

Item	Still photos	Movies
AF point display	○	
Playback grid	Off / 3x3 / 6x4 / 3x3+diag	
Magnified view	1.5x–10x (15 levels)	
Set image search conditions	Search conditions Rating / Date / Folder / Protection / Type of file (1) / Type of file (2)	
Ratings	OFF / ★ to ★★★★★ Select images / Select range / All images in folder / All images on card / All found images	
Protect images	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	
In-camera RAW image processing	○	
Resizing	○	
Cropping	○	

Cloud RAW image processing

A feature for uploading images to image.canon for cloud-based RAW processing. Requires some preparation, such as pairing the camera and submitting information for billing purposes.

Frame grab from 4K movies

Individual frames of 4K movies recorded with this camera can be saved as approx. 8.3-megapixel (3840×2160) still photos (JPEG or HEIF*).
* From normal movies, still photos are saved as JPEGs, and from HDR PQ movies, as HEIF images.
* Only 4K and 4K Crop movies can be extracted.
* Extracted still photos cannot be resized or cropped within the camera.

Print order (DPOF)

Compliant with DPOF Version 1.1

External interface

Digital terminal

Terminal type	USB Type-C
Transmission	Hi-Speed USB (USB 2.0) equivalent
Applications	• For computer communication / smartphone communication • USB battery charging / camera power supply

HDMI output terminal: HDMI micro OUT terminal (Type D)
External microphone input terminal: Equipped with the 3.5 mm diameter stereo mini jack
Remote control terminal: Remote Switch RS-60E3 type terminal supported

Power source

Battery

Compatible battery packs	LP-E17
Quantity used	1

Battery check: Automatic battery check with 4-level display when the power switch is set to ON

Battery information

Power supply	Type
Remaining capacity	4-level indicator
Recharge performance	3 levels

USB battery charging/Camera power supply: Using USB Power Adapter PD-E1

AC power source

Power source section	AC Adapter AC-E6N
Connected section	DC Coupler DR-E18

Number of shots available

Type of shooting	Temperature	Battery life (Approx. number of shots)		
		Using 50% flash		AE shooting*2
		Power saving*1	Smooth*2	Power saving
Viewfinder shooting	+23°C / 73°F	260	210	290
On-screen shooting		430	350	450

 * 1: CIPA guidelines compliant.
 * 2: Based on CIPA guidelines, conforming to Canon testing standards.
 * Using a new or fully charged LP-E17 with an SD card conforming to Canon testing standards.
 * 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 multifunction 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. 2 hr. 40 min.
Time available for Live View display (on-screen recording)			+23°C / 73°F	Approx. 2 hr. 50 min.
Time available for movie recording * Movie Servo AF: Disable	Full HD	• IPB (Standard) • 29.97 fps / 25.00 fps	+23°C / 73°F	Approx. 2 hr.
			0°C / 32°F	Approx. 1 hr. 50 min.
Available movie playback time (normal playback)	4K	• IPB (Standard) • 29.97 fps / 25.00 fps	+23°C / 73°F	Approx. 3 hr.

* With a fully charged LP-E17

Dimensions and weight

Dimensions

(W) × (H) × (D)	Approx. 122.5 × 87.8 × 83.4mm / 4.82 × 3.46 × 3.28 in.

* Based on CIPA guidelines.

Weight

Body (including battery and SD card) * Based on CIPA guidelines.	Approx. 429 g / 15.14 oz.
Body only	Approx. 382 g / 13.48 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) communication

Supported standards (Equivalent to IEEE 802.11b/g/n standards)

Wi-Fi standards	Transmission method	Maximum link speed
IEEE 802.11b	DSSS modulation	11 Mbps
IEEE 802.11g	OFDM modulation	54 Mbps
IEEE 802.11n		72.2 Mbps

Transmission frequency (Center frequency)

Frequency	2412–2462 MHz
Channels	1–11 ch

Authentication and data encryption methods

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

Bluetooth

Standards compliance: Bluetooth Specification Version 4.2 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.

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