

Canon

EOS R50V



Advanced User Guide

These operating instructions are for the EOS R50V with firmware ver. 1.1.0 or later installed.

EN

Specifications

Type

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: Approx. 1.6 times the focal length indicated on the lens

Image sensor

Type: APS-C 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
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 / 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 when **[Custom Picture]** is set, a ".CPF" file will be created.

Recording media

Recording media

Single slot: SDXC/SDHC/SD memory card

* UHS-II/UHS-I/UHS speed class/SD speed class supported

Still photo recording

Recording pixel count

Image size		Resolution (Pixels)			
		Still photo 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 to the nearest 100,000.





















* 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: Aspect ratios are slightly different for these image sizes.

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

Image quality		File size [Approx. MB]	Number of shots available [Approx.]* ¹	Maximum burst [Approx.]* ¹	
				Electronic 1st-curtain	Electronic shutter
JPEG* ²		8.7	14040	140	95
		4.6	26460	140	95
		4.7	25740	140	95
		2.6	45600	140	95
		3.1	39020	140	95
		1.8	64490	140	95
		1.8	65020	140	95
HEIF* ³		9.0	13470	130	91
		6.8	17550	130	91
		5.2	22540	130	91
		4.1	28670	130	91
		3.5	32870	130	91
		2.9	40400	130	91
		1.9	56440	130	91
RAW* ²		27.0	4570	59	36
		14.0	8920	120	79
RAW+JPEG* ²		27.0 + 8.7	3440	36	27
		14.0 + 8.7	5450	110	66
RAW+HEIF* ³		29.9 + 9.0	3140	23	22
		16.9 + 9.0	4730	49	47

* 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 still photo aspect ratio, subject, ISO speed, Picture Style, and Custom Functions).

* Number of shots available and maximum burst varies depending on shooting conditions (including still photo aspect ratio, subject, memory card brand, ISO speed, Picture Style, and Custom Functions).

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 size

Recording format	Compression method	Resolution	Frame rate						
			119.88	100.00	59.94	50.00	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	Standard LGOP	4K					Yes	Yes	Yes
		4K Crop			Yes	Yes			
		Full HD	Yes*1*2	Yes*1*2	Yes	Yes	Yes	Yes	Yes

* 1: Sound will be recorded and movies will be played back at actual speed when set to other than S&F movie recording. When S&F movie recording is set, sound will not be recorded and movies will be played back at a maximum of 59.94 fps (NTSC) or 50.00 fps (PAL). Only exFAT-formatted cards can be used for recording (recording to FAT32-formatted cards is not possible).

* 2: Autofocusing is more difficult under low light or for low-contrast subjects. Autofocusing may not be possible in certain movie recording with the aperture value set for a small aperture. In this case, the following methods may enable autofocusing.

- Set toward maximum aperture
- Switch to a lens with a small f-number

Movie recording angle of view

Resolution	Recording angle of view (Approx. %)	
	Horizontal	Vertical
4K	100	84.4
4K Crop	64.0	54.0
Full HD	100	84.3

* The above values are based on the angle of view of still photo (JPEG/HEIF) being 100%.

Built-in microphone: Stereo microphones

External microphone (External microphone IN terminal): 3.5 mm diameter stereo mini jack (3-pin)

* Stereo Microphone DM-E100 is recommended if plug-in power will be used.

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

4K

Recording format	Compression method	Frame rate (fps)	Total recording time per card (approx.)			Video bit rate (Approx. Mbps)	File size (Approx. MB/min.)	Card performance requirements
			64 GB	128 GB	512 GB			
XF-HEVC S YCC422 10 bit	Standard LGOP	29.97	1 hr. 3 min.	2 hr. 6 min.	8 hr. 24 min.	135	968	UHS Speed Class 3 or higher
		25.00						
		23.98						
XF-HEVC S YCC420 10 bit	Standard LGOP	29.97	1 hr. 25 min.	2 hr. 50 min.	11 hr. 20 min.	100	718	UHS Speed Class 3 or higher
		25.00						
		23.98						
XF-AVC S YCC422 10 bit	Standard LGOP	29.97	56 min.	1 hr. 53 min.	7 hr. 34 min.	150	1075	UHS Speed Class 3 or higher
		25.00						
		23.98						
XF-AVC S YCC420 8 bit	Standard LGOP	29.97	1 hr. 25 min.	2 hr. 50 min.	11 hr. 20 min.	100	718	UHS Speed Class 3 or higher
		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.

4K Crop

Recording format	Compression method	Frame rate (fps)	Total recording time per card (approx.)			Video bit rate (Approx. Mbps)	File size (Approx. MB/min.)	Card performance requirements
			64 GB	128 GB	512 GB			
XF-HEVC S YCC422 10 bit	Standard LGOP	59.94	37 min.	1 hr. 15 min.	5 hr. 3 min.	225	1612	Video Speed Class V60 or higher
		50.00						
XF-HEVC S YCC420 10 bit	Standard LGOP	59.94	56 min.	1 hr. 53 min.	7 hr. 34 min.	150	1075	UHS Speed Class 3 or higher
		50.00						
XF-AVC S YCC422 10 bit	Standard LGOP	59.94	34 min.	1 hr. 8 min.	4 hr. 32 min.	250	1791	Video Speed Class V60 or higher
		50.00						
XF-AVC S YCC420 8 bit	Standard LGOP	59.94	56 min.	1 hr. 53 min.	7 hr. 34 min.	150	1075	UHS Speed Class 3 or higher
		50.00						

* 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 per card (approx.)			Video bit rate (Approx. Mbps)	File size (Approx. MB/min.)	Card performance requirements
			64 GB	128 GB	512 GB			
XF-HEVC S YCC422 10 bit	Standard LGOP	119.88	1 hr. 25 min.	2 hr. 50 min.	11 hr. 20 min.	100	718	UHS Speed Class 3 or higher
		100.00						
		59.94	2 hr. 49 min.	5 hr. 39 min.	22 hr. 38 min.	50	360	SD Speed Class 10 or higher
		50.00						
		29.97						
		25.00						
		23.98						
XF-HEVC S YCC420 10 bit	Standard LGOP	119.88	2 hr. 1 min.	4 hr. 2 min.	16 hr. 11 min.	70	503	SD Speed Class 10 or higher
		100.00						
		59.94	4 hr. 2 min.	8 hr. 4 min.	32 hr. 15 min.	35	253	SD Speed Class 6 or higher
		50.00						
		29.97						
		25.00						
		23.98						
XF-AVC S YCC422 10 bit	Standard LGOP	119.88	1 hr. 25 min.	2 hr. 50 min.	11 hr. 20 min.	100	718	UHS Speed Class 3 or higher
		100.00						
		59.94	2 hr. 49 min.	5 hr. 39 min.	22 hr. 38 min.	50	360	SD Speed Class 10 or higher
		50.00						
		29.97						
		25.00						
		23.98						

XF-AVC S YCC420 8 bit	Standard LGOP	119.88	2 hr. 1 min.	4 hr. 2 min.	16 hr. 11 min.	70	503	SD Speed Class 10 or higher
		100.00						
		59.94	4 hr. 2 min.	8 hr. 4 min.	32 hr. 15 min.	35	253	SD Speed Class 6 or higher
		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

100.00 fps or more	Maximum: 1 hr.
59.94 fps or less	Maximum: 2 hr.



* Longest time available per recording.

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

S&F movies (NTSC)

 fps	 fps	Rec time
59.94	120	Maximum: 1 hr.
	60 / 30 / 12 / 6 / 3 / 2 / 1	Maximum: 2 hr.
29.97	120	Maximum: 30 min.
	60	Maximum: 1 hr.
	30 / 12 / 6 / 3 / 2 / 1	Maximum: 2 hr.
23.98	120	Maximum: 24 min.
	60	Maximum: 48 min.
	30	Maximum: 1 hr. 36 min.
	12 / 6 / 3 / 2 / 1	Maximum: 2 hr.

S&F movies (PAL)

 fps	 fps	Rec time
50.00	100	Maximum: 1 hr.
	50 / 25 / 12 / 6 / 3 / 2 / 1	Maximum: 2 hr.
25.00	100	Maximum: 30 min.
	50	Maximum: 1 hr.
	25 / 12 / 6 / 3 / 2 / 1	Maximum: 2 hr.

* 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 -5.0 to 20

(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

Movie recording

4K 30p: EV -2.5 to 20

Full HD 30p: EV -3.0 to 20

(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

Focusing operation

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

* 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).

* **[AI Focus AF]** is automatically set when Basic Zone still photo shooting is set.

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. 651 zones (31×21)
	Movie	Max. 527 zones (31×17)

* May vary depending on settings.

Selectable positions for AF point

Focusing area		Horizontal: Approx. 90%, Vertical: Approx. 100%
Numbers of positions	Still photo	Max. 4235 positions (77×55)
	Movie	Max. 3465 positions (77×45)

* When set to [1-point AF] and selected using the cross keys.

* Values for the selectable positions for AF points do not represent AF performance.

Screen

Type: TFT color LCD screen

Screen size: Approx. 7.5 cm (3.0-inch) (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 size and an aspect ratio of 3:2)

Touch-screen: Capacitive sensing

HDMI output

Output terminal: HDMI micro OUT terminal (Type D)

* HDMI CEC not supported.

Exposure control

Metering functions under various shooting conditions

Item		Still photo shooting	Movie recording
Metering sensor		Based on the image sensor output signals 384-zone (24×16) metering	
Metering mode	Evaluative metering	Yes	Yes
	Partial metering	Yes * Approx. 5.8% in the center of the screen* ²	
	Spot metering* ¹	Yes * Approx. 2.9% in the center of the screen* ²	
	Center-weighted average	Yes	
Metering brightness range (at room temperature, ISO 100)		EV -2 to 20	EV 0 to 20

* 1: Multi-spot metering not available (not supported).

* 2: Values differ when set to Digital tele-converter.

ISO speed (recommended exposure index) in still photo shooting

Manual ISO speed setting for still photos

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

* 1: Expanded ISO speeds available when C.Fn [ISO expansion: Enable] is set.

* When set to [Highlight tone priority], the available manual setting range is ISO 200–32000.



* Expanded ISO speeds are not available when [HDR Mode] or [HDR shooting (PQ): HDR PQ] is set.

Manual ISO speed setting range for still photos: Not supported

Auto maximum limit for still photos

Auto maximum limit	ISO 400 / 800 / 1600 / 3200 / 6400 / 12800 / 25600 / 32000
--------------------	--

ISO Auto details for still photos

Shooting mode		No flash	Using flash	
			Variable control of maximum ISO Auto limit for E-TTL when using a compatible lens	Variable control of maximum ISO Auto limit for E-TTL when using an incompatible lens
Creative	P / Tv / Av / M	ISO 100*1–32000*2	ISO 100*1–6400*2	ISO 100*1–1600*2
	B	ISO 400*3	ISO 400*3	
Basic		ISO 100–6400	ISO 100–6400	ISO 100–1600
	Other than 	Varies depending on shooting mode		

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

* 2: Varies depending on the [Max for Auto] settings.

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

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

ISO speed (recommended exposure index) in movie recording

manual ISO speed setting (when M mode is set)

	Custom Picture	ISO speed
Normal ISO speed	Off*1	ISO 100–12800
	Canon 709 / PQ / HLG / Canon Log ^{3*2}	ISO 400–12800
	BT.709 Standard*2	ISO 160–12800
Expanded ISO speed	Off*3*4	H (equivalent to ISO 16000, 20000, or 25600)
	Canon 709 / PQ / HLG / Canon Log ^{3*2}	L (equivalent to ISO 100, 125, 160, 200, 250, or 320) H (equivalent to ISO 16000, 20000, or 25600)
	BT.709 Standard*2	L (equivalent to ISO 100 or 125) H (equivalent to ISO 16000, 20000, or 25600)

* 1: The lower end of the ISO speed range starts from ISO 200 when [Highlight tone priority] is set.

* 2: [Highlight tone priority] cannot be set when Custom Picture 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.

automatic ISO speed setting (P / Tv / Av / C1 / C2 / C3 / S&F mode, and M mode with ISO Auto set)

	Custom Picture	ISO speed
Normal ISO speed	Off*1	ISO 100–12800
	Canon 709 / PQ / HLG / Canon Log ^{3*2}	ISO 400–12800
	BT.709 Standard*2	ISO 160–12800
Expanded ISO speed	Off*3*4	H (equivalent to ISO 16000, 20000, or 25600)
	Canon 709 / PQ / HLG / Canon Log ^{3*2}	
	BT.709 Standard*2	

* 1: The lower end of the ISO speed range starts from ISO 200 when [Highlight tone priority] is set.

* 2: [Highlight tone priority] cannot be set when Custom Picture 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.

automatic ISO speed setting (when Basic (Movie) Zone is set)

Normal ISO speed: ISO 100–12800

* Expanded ISO speed is not available.

* [Custom Picture], [Highlight tone priority], and  HDR shooting (PQ)] cannot be set when Basic (Movie) Zone is set.

 manual ISO speed setting range limit: Not supported

Maximum ISO Auto setting

Maximum ISO Auto	ISO 6400 / 12800 / H (equivalent to ISO 25600)* ¹
------------------	--

* 1: When C.Fn [ISO expansion: Enable] is set.

Maximum ISO auto setting for time-lapse movies

Maximum ISO Auto	ISO 400 / 800 / 1600 / 3200 / 6400 / 12800
------------------	--

Shutter

Still photo shooting

Type:

Electronically controlled focal-plane shutter

Rolling shutter, using the image sensor

Shutter mode

Shutter mode	Flash photography
Electronic 1st-curtain	Available
Electronic shutter	Disabled

Shutter speed

Shutter mode	Setting range
Electronic 1st-curtain	1/4000–30 sec., bulb
Electronic shutter	1/8000–30 sec., bulb

Flash sync speed

	EL/EX Speedlite	Non-Canon flash unit
Electronic 1st-curtain	1/250 sec.	1/250 sec.

Movie recording

Type: Rolling shutter, using the image sensor

Shutter speed: 1/4000–1/8 sec.

* The minimum value varies by shooting mode and frame rate.

Drive

Drive mode and continuous shooting speed

[Max. approx.]

Drive mode	AF operation	Electronic 1st-curtain	Electronic shutter
Single shooting		Yes	Yes
High-speed continuous shooting +	One-Shot AF AI Focus AF Servo AF	12 shots/sec.	15 shots/sec.
High-speed continuous shooting	One-Shot AF AI Focus AF Servo AF	7.6 shots/sec.	15 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		Yes	Yes

External flash

Contacts for multi-function shoe: 21-pin

Flash exposure compensation: ± 3 stops (in 1/3-stop increments)

Frame grab from 4K movies

Individual frames of 4K / 4K Crop movies recorded with the camera can be saved as approx. 8.3-megapixel (3840×2160) still photos (JPEG or 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 when **[CP function: On]** is set.

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 terminal (Type D)

* Resolution switches automatically

External microphone IN terminal: 3.5 mm diameter stereo mini jack (3-pin)

Headphone terminal: 3.5 mm diameter stereo mini-jack

Remote control terminal: Remote Switch RS-60E3 (sold separately) supported

Power source

Battery

Compatible battery pack	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
On-screen shooting	+23°C / 73°F	480	390

* 1: Based on CIPA standards.

* 2: According to Canon measurement conditions, which are based on CIPA standards.

* 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 used with 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. 3 hr. 10 min.
Time available for movie recording* ¹	4K	29.97 / 25.00 fps	+23°C / 73°F	Approx. 1 hr. 10 min.
			0°C / 32°F	Approx. 1 hr. 10 min.
	Full HD	29.97 / 25.00 fps	+23°C / 73°F	Approx. 2 hr. 20 min.
			0°C / 32°F	Approx. 2 hr. 10 min.
Time available for movie playback (normal playback)	4K	29.97 / 25.00 fps	+23°C / 73°F	Approx. 3 hr. 10 min.

* With a new, fully charged LP-E17

* 1: When [Movie Servo AF: Disable] is set.

Dimensions and weight

Dimensions

Exterior color	Dimensions
Black / White	(W) × (H) × (D)
	Approx. 119.3 × 73.7 × 45.2 mm / 4.70 × 2.90 × 1.78 in.

* Based on CIPA guidelines.

Weight

Exterior color	Measurement conditions	Weight
Black	Body (including battery and card)* ¹	Approx. 370 g / 13.05 oz.
	Body only	Approx. 323 g / 11.39 oz.
White	Body (including battery and card)* ¹	Approx. 373 g / 13.16 oz.
	Body only	Approx. 326 g / 11.50 oz.

* Not including body cap or shoe cover.

* 1: Based on CIPA guidelines.

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 standards)

Wi-Fi standards (equivalent)	Transmission method	Maximum link speed	
		5 GHz band	2.4 GHz band
IEEE 802.11ac	OFDM modulation (CSMA / CA)	433 Mbps	
IEEE 802.11n		150 Mbps	72 Mbps
IEEE 802.11a		54 Mbps	
IEEE 802.11g			54 Mbps
IEEE 802.11b	DSSS modulation		11 Mbps

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 5.1 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.

Only for European Union and EEA (Norway, Iceland and Liechtenstein)



These symbols indicate that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EU), the Battery Regulation ((EU) 2023/1542) and/or national legislations implementing those Directive and Regulation. If a chemical symbol is printed beneath the symbol shown above, in accordance with the Battery Regulation, this indicates that a heavy metal (Pb = Lead) is present in this battery at a concentration above an applicable threshold specified in

the Battery Regulation.

This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE) and batteries. Improper handling of this type of waste could have a possible impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. Your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about the recycling of this product, please contact your local city office, waste authority, approved scheme or your household waste disposal service or visit www.canon-europe.com/sustainability/approach/.