

# Basic Specifications

Image sensor	Camera effective pixels/total pixels		When shooting video: Maximum 18.7 million pixels When shooting still images: Maximum 22.3 million pixels Total number of pixels : Approx. 23.9 million pixels * Round to the nearest * Image processing ma
	Size & Type		1.4-type CMOS sensor
lens	Focal length	When recording video (4K, 16:9)	8.2-25.6mm * Approximately 17-52i
		When taking still images (no cropping)	8.2-25.6mm * Approximately 16-50i
		When shooting still images (1.4x crop)	8.2-25.6mm * Approximately 23-71i
	Aperture	Number of components	9 sheets
		Maximum aperture	F2.8 (W) - 4.5 (T)
	Lens construction		9 elements in 8 groups
	Aspheric Lenses		5 sides, 3 sheets
	Optical zoom		can be
	Optical image stabilisation		can be
	Shooting distance		5cm~∞(W) 15cm~∞(T)
Viewfinder			-

<b>Touch Panel</b>		Yes (capacitive type)
<b>LCD monitor</b>		3.0-inch TFT color LCD (approx. 1.04 million dots), field of view: approx. 100%, aspect ratio 3:2, anti-soiling coating
<b>Focus Method</b>		Dual Pixel CMOS AF
<b>Exposure Control</b>	<b>Photometry</b>	Still image shooting: Evaluative metering, partial metering (approximately 3.1% of the screen center), center-weighted average metering Movie shooting: Evaluative metering
	<b>Exposure compensation</b>	±3 stops (1/3 stop increments)
	<b>ISO sensitivity (recommended exposure index)</b>	Still images: Standard ISO sensitivity ISO100 to ISO32000 (equivalent to extended ISO 51200) Videos: Standard ISO sensitivity ISO100 to ISO12800 (equivalent to extended ISO 25600)
<b>White Balance</b>		Auto (ambience priority/white priority), sunlight, shade, cloudy, incandescent light, white fluorescent light, flash, manual, color temperature
<b>Shutter Speed</b>		Mechanical shutter: 1/2000 to 30 seconds (1/3 step), bulb Electronic shutter: 1/16000 to 30 seconds (1/3 step), 1/8000 to 30 seconds (1/3 step), bulb *1: Shutter speeds faster mode (up to 1/8000 s

		*2: When using focus bracketing, 10 seconds.
<b>Aperture</b>		F2.8-F11(W), F4.5-F11(T)
<b>strobe</b>	<b>Built-in flash</b>	-
	<b>External Strobe</b>	EL/EX series Speedlite, EX series Macrolite, Speedlite Transmitter ST-E3-RT (Ver.3), Speedlite Transmitter ST-E10, Off-camera shoe cord OC-E4A * The AD-E1 adapter is equipped with a multi
<b>Filming related</b>	<b>Shooting Mode</b>	<Still image shooting> P, Tv, Av, M, C1/C2/C3, Scene Intelligent Auto, SCN (Selfie, Portrait, Beautiful Skin, Panorama Shot, Food, Handheld Night Scene, HDR Backlight Compensation, Fireworks), Creative Filter (Rough Monochrome, Soft Focus, Fisheye, Watercolor, Toy Camera, Diorama, HDR Painting Standard, HDR Graphic, HDR Oil Painting, HDR Vintage) <Video shooting> P, Tv, Av, M, C1/C2/C3, Scene Intelligent Auto, SCN (Beautiful Skin Video, Review Video, Image Stabilization Video) Creative Filter (Fantasy, Old Movie, Memory, Dynamic Monochrome, Diorama Video)
	<b>ND Filters</b>	When shooting still images: ON/OFF

		<p>switchable (3 stops of dimming)</p> <p>* Auto is not installed v</p> <p>When recording video: Can be switched between ON/Auto/OFF</p>
	<b>Optical Image Stabilization (IS)</b>	<p>Correction effect (still images with IS): Center 5.0 stops</p> <p>* f=25.6mm (35mm eq function, Yaw/Pitch/S</p>
	<b>Electronic Image Stabilization (IS)</b>	<p>Video Digital IS: Off/On/Strong</p> <p>* When "IS Function: C</p>
	<b>Self-timer</b>	<p>Still images: Off/2 sec/10 sec/Continuous shooting/Remote control shooting</p> <p>Videos: Off/2 sec/10 sec/Remote control shooting</p>

	<b>Continuous shooting</b>	<b>Still Image</b>	<p>High-speed continuous shooting +: Maximum approx. 15 frames/sec (mechanical shutter), Maximum approx. 30 frames/sec (electronic shutter)</p> <p>High-speed continuous shooting: Maximum approx. 8.2 frames/sec (mechanical shutter), Maximum approx. 16 frames/sec (electronic shutter)</p> <p>Low-speed continuous shooting: Maximum approx. 3.0 frames/sec (mechanical shutter), Maximum approx. 5.0 frames/sec (electronic shutter)</p> <p>* The continuous shooting time depends on the subject/shooting conditions.</p>
		<b>movie</b>	<p>Continuous shooting time (approx.)</p> <p>Video recording quality 4K60P (crop)</p> <p>Auto power off temperature (standard)</p> <ul style="list-style-type: none"><li>• 25 minutes (fan speed: off)</li><li>• 35 minutes (fan speed: auto)</li><li>• 45 minutes (fan speed: high)</li></ul> <p>Auto power off temperature (high)</p> <ul style="list-style-type: none"><li>• 40 minutes (fan speed: off)</li><li>• No heat limit (fan speed: auto)</li><li>• No heat limit (fan speed: high)</li></ul> <p>[4K30p]</p> <p>Auto power off temperature (standard)</p> <ul style="list-style-type: none"><li>• 40 minutes (fan speed: off)</li><li>• 55 minutes (fan speed: auto)</li></ul>

speed: auto)  
· No heat limit (fan  
speed: high)  
Auto power off  
temperature (high)  
· 55 minutes (fan  
speed: off)  
· No heat limit (fan  
speed: auto)  
· No heat limit (fan  
speed: high)  
[4K30p (beautiful skin  
video)]  
Automatic power off  
temperature (standard)  
- (fan speed: off)  
- 50 minutes (fan  
speed: auto)  
- 55 minutes (fan  
speed: high)  
Automatic power off  
temperature (high)  
- (fan speed: off)  
- No thermal  
restrictions (fan speed:  
auto)  
- No thermal  
restrictions (fan speed:  
high)  
[Full HD 60p]  
Automatic power off  
temperature (standard)  
- (fan speed: off)  
- No thermal  
restrictions (fan speed:  
auto)  
- No thermal  
restrictions (fan speed:  
high)  
Automatic power off  
temperature (high)  
- (fan speed: off)  
- No thermal  
restrictions (fan speed:  
auto)  
- No thermal  
restrictions (fan speed:  
high)  
\* When the temperatur  
temperature (+23°C),

			<p>in which the camera i</p> <p>state (powered on an</p> <ul style="list-style-type: none"><li>* When using a Canon measurement conditi</li><li>* When using monitor, +23°C environment</li><li>* If the ambient temper shooting time will be</li><li>* When connected to a shorter (heat generat</li><li>* The continuous shoo than when using batt</li><li>communication)</li><li>* If you continue to use shooting, the continu</li><li>* Depending on the vid used, the card may b reached. When [Auto body and card may b tripod or similar to pr to get burned when r</li></ul>
Records	Recording image format		<p>Compliant with DCF2.0 and Exif2.31</p> <ul style="list-style-type: none"><li>* Supports time differ</li></ul>
	Recording medium		<p>SD memory card / . SDHC memory card . / SDXC memory card</p> <ul style="list-style-type: none"><li>* Supports UHS-I and</li><li>* Eye-Fi cards and Mul</li></ul>
	Data Type	Still Image	<p>JPEG: 8-bit HEIF: 10-bit RAW/C-RAW/DPRAW (mechanical shutter): 14-bit (14-bit A/D conversion), Canon's own RAW/C-RAW (electronic shutter): 14-</p>

			bit (12-bit A/D conversion), Canon's own RAW or C-RAW images can be recorded simultaneously with any combination of JPEG or HEIF images
		movie	[Canon Log: OFF/HDR PQ: OFF] MP4 [Video: MPEG-4 AVC/H.264, Audio: MPEG-4 AAC-LC/Linear PCM] [Canon Log: ON or HDR PQ: ON] MP4 [Video: HEVC/H.265, Audio: MPEG-4 AAC-LC/Linear PCM]
	Recording pixel count	Still Image	[3:2 (aspect)] L (Large): 5760 x 3840 pixels M (Medium): 3840 x 2560 pixels S1 (Small 1): 2880 x 1920 pixels S2 (Small 2): 2400 x 1600 pixels RAW: 5760 x 3840 pixels C-RAW: 5760 x 3840 pixels DPRAW: 5760 x 3840 pixels [1.4x (crop) <sup>*1</sup> ] L (Large): 4032 x 2688 pixels M (Medium): 2400 x 1600 pixels RAW: 4032 x 2688 pixels C-RAW: 4032 x 2688 pixels DPRAW: 4032 x 2688 pixels  * Values when aspect i  * RAW/C-RAW creates information you set to  * JPEG/HEIF creates i



\* The above aspect ratio during resizing.

**movie**

[Canon Log: OFF / HDR PQ: OFF]  
4K Crop: 3840 x 2160 (59.94 / 50.00 fps) / IPB (Standard): Approx. 230 Mbps  
4K Crop: 3840 x 2160 (59.94 / 50.00 fps) / IPB (Light): 120 Mbps  
4K: 3840 x 2160 (29.97 / 25.00 / 23.98 fps) / IPB (Standard): Approx. 120 Mbps  
4K: 3840 x 2160 (29.97 / 25.00 / 23.98 fps) / IPB (Light): Approx. 60 Mbps  
4K Time-lapse video: 3840 x 2160 (29.97 / 25.00 fps) / ALL-I: Approx. 470 Mbps  
Full HD High frame rate video: 1920 x 1080 (119.88/100.00fps) / IPB (standard): Approx. 120Mbps  
Full HD High frame rate video: 1920 x 1080 (119.88/100.00 fps)/IPB (light): approx. 70 Mbps  
Full HD: 1920 x 1080 (59.94/50.00 fps)/IPB (standard): approx. 60 Mbps  
Full HD: 1920 x 1080 (59.94/50.00 fps)/IPB (light): approx. 35 Mbps  
Full HD: 1920 x 1080 (29.97/25.00/23.98 fps)/IPB (standard): approx. 30 Mbps  
Full HD: 1920 x 1080 (29.97/25.00/23.98 fps)/IPB (light): approx. 12 Mbps  
Full HD time lapse video: 1920 x 1080 (29.97/25.00 fps)/ALL-I: approx. 90 Mbps  
[Canon Log: ON or HDR PQ: ON]

		4K Crop: 3840 x 2160 (59.94/50.00 fps)/IPB (Standard): Approx. 340 Mbps 4K Crop: 3840 x 2160 (59.94/50.00 fps)/IPB (Light): 170 Mbps 4K: 3840 x 2160 (29.97/25.00/23.98 fps)/IPB (Standard): Approx. 170 Mbps 4K: 3840 x 2160 (29.97/25.00/23.98 fps)/IPB (Light): Approx. 85 Mbps 4K Time-lapse video: 3840 x 2160 (29.97/25.00 fps)/ALL-I: Approx. 470 Mbps Full HD High frame rate video: 1920 x 1080 (119.88/100.00fps) / IPB (standard): Approx. 180Mbps Full HD High frame rate video: 1920x1080 (119.88/100.00fps)/IPB (light): approx. 100Mbps Full HD: 1920x1080 (59.94/50.00fps)/IPB (standard): approx. 90Mbps Full HD: 1920x1080 (59.94/50.00fps)/IPB (light): approx. 50Mbps Full HD: 1920x1080 (29.97/25.00/23.98fps)/I PB (standard): approx. 45Mbps Full HD: 1920x1080 (29.97/25.00/23.98fps)/I PB (light): approx. 28Mbps Full HD time lapse video: 1920x1080 (29.97/25.00fps)/ALL-I: approx. 135Mbps
	Maximum time for one recording	[High Frame Rate: Off] Maximum 6 hours 00 minutes 00 seconds [High Frame Rate: On] Maximum 1 hour 30 minutes 00 seconds



	resize	Possible (M/S1/S2) * JPEG/HEIF images c
	trimming	Trimming frame: Enlarge/reduce, move Tilt correction: $\pm 10^{\circ}$ * Dial operation: $0.1^{\circ}$ ir  Aspect ratio: 3:2, 16:9, 4:3, 1:1, 2:3, 9:16, 3:4 selectable * Cropping of JPEG/HE
	Extracting frames from 4K video	Each frame of 4K video shot with this camera is saved as a still image (JPEG/HEIF) with approximately 8.3 million pixels (3840 x 2160). * Regular videos are s HEIF. * Canon Log 3 videos c * Extracted still images Creative Filters/Creat
Display Language		English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Ukrainian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean, Malaysian, Indonesian, Persian, Hebrew, Japanese
Start-up time (approx.)		Approximately 1.4 seconds

<b>External Interface</b>	<b>Digital Terminal</b>	USB Type-C, Hi-Speed USB (USB 2.0) equivalent
	<b>HDMI output terminal</b>	HDMI terminal (Type D) * Automatic Resolution * HDMI CEC not supported
	<b>External microphone input terminal</b>	Φ3.5mm stereo mini jack (3 poles)
	<b>Headphone jack</b>	Φ3.5mm stereo mini jack compatible
	<b>Wireless remote control</b>	Supports the wireless remote controller BR-E1 * Remote controller RC supported
	<b>Multi Accessory Shoe</b>	mounted
<b>Communication features</b>	<b>Wifi</b>	Equivalent to IEEE 802.11b/g/n standard [Transmission method] OFDM Modulation method (CSMA/CA): IEEE 802.11n/IEEE 802.11g DSSS Modulation method: IEEE 802.11b [Transmission frequency (center frequency)] 2.4GHz band Frequency: 2412-2462MHz/Channel 1-11ch 5GHz band Not supported 6GHz band Not supported
	<b>NFC</b>	-
	<b>Bluetooth®</b>	Compliant with Bluetooth Specification Version 4.2 Transmission method:

		GFSK modulation method
Power Supply Related	Battery used	Compatible battery pack: LP-E17
	AC power	-
	USB charging	Uses USB power adapter PD-E2
Operating environment		Temperature: 0-40°C, Humidity: 10-90%
Size (width, height, depth) * Based on CIPA guidelines		Approx. 118.3 x 68.0 x 52.5 mm
mass		<p>Approx. 426g (including battery and card) / Approx. 379g (body only)</p> <p>* According to CIPA guidelines</p> <p>* Shoe cover and wind</p>
JAN code		4549292-228090
What's in the box <div>             Main unit              Windscreen              Battery pack LP-E17              Wrist strap WS-DC12              Shoe cover ER-SC2           </div>		