

## Specifications

Type	
Type	Digital AF/AE single-lens reflex camera with built-in flash
Recording Media	SD/SDHC/SDXC memory cards <ul style="list-style-type: none"> <li>• SD speed class-compatible</li> <li>• UHS-I compatible</li> <li>• High-speed writing is supported when a UHS-I compatible SD card is used.</li> <li>• Compatible with Eye-Fi cards.</li> <li>• Multimedia cards (MMC) cannot be used (card error will be displayed).</li> </ul>
Image Format	Approx. 22.3 x 14.9mm (APS-C)
Compatible Lenses	Canon EF lenses (including EF-S lenses, excluding EF-M lenses)
Lens Mount	Canon EF mount
Image Sensor	
Type	CMOS sensor (supporting Dual Pixel CMOS AF)
Effective Pixels	Approx. 24.2 megapixels
Pixel Unit	Approx. 3.72 μm square
Total Pixels	Approx. 25.8 megapixels
Aspect Ratio	3:2 (Horizontal:Vertical)
Color Filter	RGB primary color filters
Low Pass Filter	Installed in front of the image sensor, non-detachable
Dust Deletion Feature	(1) Self Cleaning Sensor Unit <ul style="list-style-type: none"> <li>• Removes dust adhering to the low-pass filter.</li> <li>• Self-cleaning activated automatically (taking approx. 2 sec.) when power is turned on or off. Manual operation also possible (taking approx. 8 sec.).</li> <li>• After the cleaning is performed, the camera will automatically restart (Power OFF to ON).</li> <li>• When you use Multi Shot Noise Reduction, "Clean now" cannot be selected.</li> </ul> (2) Dust Delete Data acquisition and appending <ul style="list-style-type: none"> <li>• The coordinates of the dust adhering to the low-pass filter are detected by a test shot and appended to subsequent images.</li> <li>• The dust coordinate data appended to the image is used by the provided software to automatically erase the dust spots.</li> </ul> (3) Manual cleaning (by hand)
Recording System	
Recording Format	Compliant to Design rule for Camera File system 2.0 and Exif 2.3
Image Format	JPEG, RAW (14-bit Canon original)

<p><b>File Size</b></p>	<p>3:2 Aspect Ratio  Large: 6000 x 4000  Medium: 3984 x 2656  Small 1: 2976 x 1984  Small 2: 2400 x 1600  RAW: 6000 x 4000</p> <p>4:3 Aspect Ratio  Large: 5328 x 4000*  Medium: 3552 x 2664  Small 1: 2656 x 1992  Small 2: 2112 x 1600*  RAW: 6000 x 4000</p> <p>16:9 Aspect Ratio  Large: 6000 x 3368*  Medium: 3984 x 2240*  Small 1: 2976 x 1680*  Small 2: 2400 x 1344*  RAW: 6000 x 4000</p> <p>1:1 Aspect Ratio  Large: 4000 x 4000  Medium: 2656 x 2656  Small 1: 1984 x 1984  Small 2: 1600 x 1600  RAW: 6000 x 4000</p> <p>*Indicate an inexact proportion.</p>
<p><b>File Numbering</b></p>	<p>The following three types of file numbering can be set:</p> <p>(1) File numbering methods</p> <ol style="list-style-type: none"> <li>a. Continuous numbering <ol style="list-style-type: none"> <li>i. The numbering of captured images continues even after you replace the card.</li> </ol> </li> <li>b. Auto reset <ol style="list-style-type: none"> <li>i. When you replace the card, the numbering will be reset to start from 0001. If the new card already contains images, the numbering will continue from the last recorded image in the card.</li> </ol> </li> </ol> <p>(2) Manual reset</p> <ol style="list-style-type: none"> <li>a. Resets the file number to 0001, and creates a new folder automatically.</li> </ol>
<p><b>RAW + JPEG Simultaneous Recording</b></p>	<p>Simultaneous recording is possible using a combination of RAW and JPEG/Large (Fine).</p>
<p><b>Color Space</b></p>	<p>sRGB/Adobe RGB</p>
<p><b>Picture Style</b></p>	<p>(1) Auto  (2) Standard  (3) Portrait  (4) Landscape  (5) Fine Detail  (6) Neutral  (7) Faithful  (8) Monochrome  (9) User Defined 1–3</p> <ul style="list-style-type: none"> <li>• In Basic Zone modes, [Auto] will be set for &lt;Fish-eye effect&gt; and &lt;HDR art standard&gt; of the &lt;Creative filters&gt; mode, and [Standard] will be set for other modes.</li> <li>• In Creative Zone modes, you can select or set the Picture Style.</li> <li>• [Auto] is the default setting for [User Def. 1–3].</li> </ul>

White Balance	
<b>Settings</b>	(1) Auto (Ambience priority/White priority) (2) Daylight (3) Shade (4) Cloudy* (5) Tungsten light (6) White fluorescent light (7) Flash (8) Custom (Custom WB) * Effective also in twilight and sunset.
<b>Auto White Balance</b>	Option between ambience priority and white priority settings
<b>Color Temperature Compensation</b>	Blue/amber bias: ±9 levels Magenta/green bias: ±9 levels Corrected in reference to the current WB mode's color temperature.
Viewfinder	
<b>Type</b>	Eye-level SLR (with fixed pentamirror)
<b>Coverage</b>	Approx. 95% vertical/horizontal coverage (at approx. 19mm eye point and Large image size)
<b>Magnification</b>	Approx. 0.87x/24.5° (with 50mm lens at infinity, -1 m <sup>-1</sup> )
<b>Eye Point</b>	Approx. 19mm (at -1 m <sup>-1</sup> from eyepiece lens center)
<b>Dioptric Adjustment Range</b>	Adjustable from approx. -3.0 - +1.0 m <sup>-1</sup> (dpt)
<b>Focusing Screen</b>	Fixed
<b>Mirror</b>	Quick-return all-surface half mirror
<b>Viewfinder Information</b>	Spot metering circle, AF point activation indicator, AF point, ISO speed indicator, Focus indicator, Maximum burst, ISO speed, Highlight tone priority, Exposure level indicator, Exposure compensation amount, AEB range, Red-eye reduction lamp ON, Exposure compensation, Aperture, Shutter speed, Bulb exposure, FE lock, Busy, Built-in flash recharging, No card warning, Card error, Card full warning, Error code, Flash exposure compensation, High-speed sync, FE lock / FEB in-progress, Flash-ready, Improper FE lock warning, AE lock, AEB in-progress, Warning icon
<b>Depth of Field Preview</b>	Provided with depth of field preview button
Autofocus	
<b>Type</b>	TTL secondary image-forming phase-difference detection system with AF-dedicated sensor
<b>AF Points</b>	9 points Center AF point is AF cross-type supporting f/5.6. Center AF point is vertical line-sensitive supporting f/2.8. Other AF points is vertical line-sensitive or horizontal line-sensitive AF supporting f/5.6.
<b>AF Working Range</b>	With One-Shot AF, at 73°F/23°C, ISO 100 EV -0.5–18 (center AF point) EV 0.5–18 (other AF points) (Based on Canon's testing standards and environment)
<b>Focusing Modes</b>	(1) Autofocus <ol style="list-style-type: none"> <li>1. One-Shot AF</li> <li>2. Predictive AI Servo AF</li> <li>3. AI Focus AF               <ul style="list-style-type: none"> <li>• Switches between One-Shot AF and AI Servo AF automatically.</li> </ul> </li> </ol> (2) Manual focus

<b>AF Point Selection</b>	<ul style="list-style-type: none"> <li>(1) Manual selection</li> <li>(2) Auto selection <ul style="list-style-type: none"> <li>• Manually selectable in Basic Zone modes (except Special Scene Candlelight and Creative Filters Fish-eye effect and Miniature effect)</li> </ul> </li> </ul>
<b>AF Assist Beam</b>	<ul style="list-style-type: none"> <li>(1) Enable</li> <li>(2) Disable</li> <li>(3) Enable external flash only</li> <li>(4) IR AF assist beam only</li> </ul>
<b>Exposure Control</b>	
<b>Metering Modes</b>	<ul style="list-style-type: none"> <li>63-zone metering sensor</li> <li>(1) Evaluative metering (linked to all AF points)</li> <li>(2) Partial metering (center, approx. 9.0% of viewfinder)</li> <li>(3) Spot metering (center, approx. 4.0% of viewfinder)</li> <li>(4) Center-weighted average metering</li> </ul>
<b>Metering Range</b>	EV 1 -20 (at 73°F/23°C, ISO 100, evaluative metering)
<b>Exposure Control Systems</b>	<ul style="list-style-type: none"> <li>(1) Creative Zone <ul style="list-style-type: none"> <li>1) Program AE (shiftable)</li> <li>2) Shutter-priority AE</li> <li>3) Aperture-priority AE</li> <li>4) Manual exposure (including bulb)</li> </ul> </li> <li>(2) Basic Zone <ul style="list-style-type: none"> <li>1) Scene Intelligent Auto (Program AE/ non-shiftable)</li> <li>2) Flash Off</li> <li>3) Creative Auto</li> <li>4) Special Scene <ul style="list-style-type: none"> <li>i. Portrait</li> <li>ii. Group Photo</li> <li>iii. Landscape</li> <li>iv. Sports</li> <li>v. Kids</li> <li>vi. Close-up</li> <li>vii. Food</li> <li>viii. Candlelight</li> <li>ix. Night Portrait</li> <li>x. Handheld Night Scene</li> <li>xi. HDR Backlight Control</li> </ul> </li> </ul> </li> <li>5) Creative Filters <ul style="list-style-type: none"> <li>i. Grainy B/W</li> <li>ii. Soft Focus</li> <li>iii. Fish-eye effect</li> <li>iv. Water painting effect</li> <li>v. Toy camera effect</li> <li>vi. Miniature effect</li> <li>vii. HDR art standard</li> <li>viii. HDR art vivid</li> <li>ix. HDR art bold</li> <li>x. HDR art embossed</li> </ul> </li> </ul>

ISO Speed Range	Manual Setting			
	Normal	ISO 100–25600 (in whole-stop increments)		
	Expanded	ISO 51200		
	• For [Highlight tone priority], the minimum ISO speed limit will be ISO 100–25600.			
	Auto ISO Speed Settings			
	Shooting Mode		ISO Settings	
			No Flash	Flash (built-in) <sup>2</sup>
			Flash (external) <sup>2</sup>	
	Scene Intelligent Auto, Creative Auto		ISO 100–6400	ISO 400–3200
	Flash Off		ISO 100–6400	–
Special Scene (SCN)	Portrait, Close-up, Kids, Food	ISO 100–6400	ISO 400–1600	
	Group Photo	ISO 100–6400	ISO 400–3200	
	Landscape	ISO 100–1600	–	
	Sports	ISO 100–6400	–	
	Candlelight, HDR Backlight Control	ISO 100–6400	–	
	Night Portrait	ISO 100–6400	ISO 400–800	
	Handheld Night Scene	ISO 100–12800	ISO 400–6400	
Creative Filters	Grainy B/W, Soft Focus, Fish-eye effect, Water painting effect, Toy camera effect, Miniature effect	ISO 100–6400	ISO 400–3200	
	HDR art standard, HDR art vivid, HDR art bold, HDR art embossed		–	
P/Tv/Av/M		ISO 100–25600 <sup>1</sup>	ISO 400–1600 <sup>1</sup>	
With bulb exposure		ISO 400	ISO 400	
<sup>1</sup> Depending on [Minimum] and [Maximum] of [ISO Auto]. <sup>2</sup> If fill-in flash will cause overexposure, ISO 100 or a higher ISO will be set.				
Exposure Compensation	Manual	±5 stops in 1/3- or 1/2-stop increments*		
	AEB	±3 stops in 1/3- or 1/2-stop increments		
*Up to ±2 stops, indicated in the viewfinder. *Up to ±3 stops when [Shooting screen: Guided] is set.				
AE Lock	(1) Auto AE lock <ul style="list-style-type: none"> <li>In the One-Shot AF mode with evaluative metering, AE lock takes effect when focus is achieved.</li> </ul> (2) Manual AE lock <ul style="list-style-type: none"> <li>In the P, Tv, Av and M modes, enabled with the AE lock button. (Press again to update.)</li> <li>Possible with all metering modes.</li> </ul>			
<b>Shutter</b>				
Type	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically-controlled <ul style="list-style-type: none"> <li>Electronic 1st curtain and mechanical 2nd curtain</li> </ul>			
Shutter Speeds	1/4000 to 30 sec., bulb (Total shutter speed range. Available range varies by shooting mode.)			
Shutter Release	Soft-touch electromagnetic release			
Self Timer	10-sec. delay, 2-sec. delay, continuous shooting after 10 sec. (2 to 10 shots)			
Shutter Lag Time	With SW-1 ON, time lag between SW-2 ON and start of exposure: approx. 0.075 sec. <ul style="list-style-type: none"> <li>Time lag with the aperture stopped down by 3 stops or less from the open aperture.</li> </ul>			
<b>External Speedlite</b>				
Flash Metering	E-TTL II autoflash (Evaluative, Average), FE Lock			
Flash Exposure Compensation	±2 stops in 1/3- or 1/2-stop increments <ul style="list-style-type: none"> <li>Flash exposure compensation for built-in flash and external Speedlite can be set from the camera.</li> </ul>			

<b>FE Lock</b>	Provided																																																							
<b>External Flash Settings</b>	<p>The camera can set the following with EX series Speedlites:</p> <ul style="list-style-type: none"> <li>• The actual setting options will differ depending on the Speedlite used.</li> </ul> <p>(1) External flash control</p> <ul style="list-style-type: none"> <li>• Flash firing, E-TTL II metering, Flash mode, Wireless functions, Flash zoom, Shutter synchronization, Flash exposure compensation, Flash exposure bracketing and Clear settings.</li> <li>• The radio wireless flash functions can be set from the camera.</li> </ul> <p>(2) External flash Custom Function setting</p> <ul style="list-style-type: none"> <li>• The setting options for both (1) and (2) will differ depending on the Speedlite used.</li> </ul>																																																							
<b>Drive System</b>																																																								
<b>Drive Modes and Continuous Shooting Speed during Viewfinder Shooting</b>	<p>(1) Single shooting</p> <p>(2) High-speed continuous shooting</p> <ul style="list-style-type: none"> <li>• Max. approx. 5.0 shots/sec. (One-Shot AF and AI Servo AF)</li> <li>• Maximum continuous shooting speed with 1/500 sec. or faster shutter speed, maximum aperture (varies depending on the lens), with a fully-charged Battery Pack LP-E17 and at room temperature (73°F/23°C).</li> <li>• With the AF mode set to One-Shot AF and the Image Stabilizer turned off when using the following lenses: EF 300mm f/4L IS USM, EF 28-135mm f/3.5-5.6 IS USM, EF 75-300mm f/4-5.6 IS USM, EF 100-400mm f/4.5-5.6L IS USM.</li> </ul> <p>(3) Silent single shooting</p> <p>(4) Silent continuous shooting</p> <ul style="list-style-type: none"> <li>• Max. approx. 2.5 shots/sec.</li> </ul> <p>(5) Self-timer: 10 sec./remote control</p> <ul style="list-style-type: none"> <li>• Compatible with Wireless Remote Controller BR-E1.</li> <li>• Incompatible with accessories using the infrared transmission system as Remote Controller RC-6.</li> </ul> <p>(6) 2 sec. self-timer</p> <p>(7) Continuous shooting after 10 sec. self-timer (2 to 10 shots)</p>																																																							
<b>Maximum Burst</b>	<table border="1"> <thead> <tr> <th rowspan="2">Image-recording Quality</th> <th rowspan="2">Image File Size (approx. MB)</th> <th rowspan="2">Possible Shots (approx.)</th> <th colspan="2">Maximum Burst (approx.)</th> </tr> <tr> <th>Standard</th> <th>High-speed (UHS-I)</th> </tr> </thead> <tbody> <tr> <td>Large (Fine)</td> <td>7.6</td> <td>950</td> <td>Full</td> <td>Full</td> </tr> <tr> <td>Large (Normal)</td> <td>3.9</td> <td>1840</td> <td>Full</td> <td>Full</td> </tr> <tr> <td>Medium (Fine)</td> <td>4.1</td> <td>1790</td> <td>Full</td> <td>Full</td> </tr> <tr> <td>Medium (Normal)</td> <td>2.0</td> <td>3840</td> <td>Full</td> <td>Full</td> </tr> <tr> <td>Small 1 (Fine)</td> <td>2.6</td> <td>2730</td> <td>Full</td> <td>Full</td> </tr> <tr> <td>Small 1 (Normal)</td> <td>1.3</td> <td>5260</td> <td>Full</td> <td>Full</td> </tr> <tr> <td>Small 2</td> <td>1.8</td> <td>3810</td> <td>Full</td> <td>Full</td> </tr> <tr> <td>RAW</td> <td>29.4</td> <td>210</td> <td>6</td> <td>6</td> </tr> <tr> <td>RAW + Large (Fine)</td> <td>29.4 + 7.6</td> <td>170</td> <td>6</td> <td>6</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• The number of possible shots and maximum burst (standard) are with a Canon's standard testing 8GB card. The maximum burst (High-speed) is with a Canon's standard testing 16GB card.</li> <li>• The file size, number of possible shots and maximum burst vary depending on shooting conditions (aspect ratio of 3:2, subject, memory card brand, ISO speed, Picture Style, etc.)</li> <li>• "Full" indicates that shooting is possible until the card becomes full.</li> </ul>				Image-recording Quality	Image File Size (approx. MB)	Possible Shots (approx.)	Maximum Burst (approx.)		Standard	High-speed (UHS-I)	Large (Fine)	7.6	950	Full	Full	Large (Normal)	3.9	1840	Full	Full	Medium (Fine)	4.1	1790	Full	Full	Medium (Normal)	2.0	3840	Full	Full	Small 1 (Fine)	2.6	2730	Full	Full	Small 1 (Normal)	1.3	5260	Full	Full	Small 2	1.8	3810	Full	Full	RAW	29.4	210	6	6	RAW + Large (Fine)	29.4 + 7.6	170	6	6
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<b>Shooting Modes</b>	Still photo shooting and video shooting																																																							

<b>Focusing</b>	<p>(1) Dual Pixel CMOS AF</p> <ul style="list-style-type: none"> <li>• Dual Pixel CMOS AF is possible with all EF and EF-S lenses.</li> <li>• Contrast AF is not provided.</li> </ul> <p>(2) Manual focus</p> <ul style="list-style-type: none"> <li>• Magnifying the image by 5x or 10x for manual focus possible.</li> </ul>
<b>Metering Modes</b>	<p>Real-time metering with image sensor</p> <ul style="list-style-type: none"> <li>• AE lock possible. The metering timer can be changed.</li> </ul> <p>(1) Evaluative metering (315-zone)</p> <p>(2) Partial metering (center, approx. 6.0% of Live View screen)</p> <p>(3) Spot metering (center, approx. 2.6% of Live View screen)</p> <p>(4) Center-weighted average metering</p> <ul style="list-style-type: none"> <li>• AE lock possible. The metering timer setting can be changed.</li> </ul>
<b>Metering Range</b>	EV 0–20 (at 73°F/23°C, ISO 100, evaluative metering)
<b>Grid Display</b>	<p>(1) Off</p> <p>(2) 3 x 3</p> <p>(3) 6 x 4</p> <p>(4) 3 x 3 + diag</p>
<b>Video Shooting</b>	
<b>File Format</b>	<p>MP4</p> <p>Video: MPEG-4 AVC / H.264</p> <ul style="list-style-type: none"> <li>• Variable (averaged) bit rate</li> </ul> <p>Audio: AAC</p> <p>MOV: ALL-I (FHD 29.97, time-lapse movies only)</p>

#### Video Recording Size and Frame Rates

NTSC		
1920 x 1080	59.94 fps	IPB (Standard)
	29.97 fps	IPB (Standard)
		IPB (Light)
1280 x 720	23.98 fps	IPB (Standard)
	59.94 fps	IPB (Standard)
	29.97 fps	IPB (Light)
640 x 480	29.97 fps	IPB (Standard)
	29.97 fps	IPB (Light)

## Continuous Shooting Time

Video Recording Size			Total Recording Time on Card (approx.)			File Size (approx.)	Bit Rate (approx.)
			4GB	16GB	64GB		
1920 x 1080	59.94 fps	IPB (Standard)	8 min.	35 min.	2 hr. 21 min.	431 MB/min.	60 Mbps
	29.97 fps 23.98 fps	IPB (Standard)	17 min.	1 hr. 10 min.	4 hr. 41 min.	216 MB/min.	30 Mbps
	29.97 fps	IPB (Light)	43 min.	2 hr. 53 min.	11 hr. 35 min.	87 MB/min.	12 Mbps
1280 x 720	59.94 fps	IPB (Standard)	20 min.	1 hr. 21 min.	5 hr. 24 min.	184 MB/min.	26 Mbps
	29.97 fps	IPB (Light)	2 hr. 5 min.	8 hr. 20 min.	33 hr. 22 min.	30 MB/min.	4 Mbps
640 x 480	59.94 fps	IPB (Standard)	57 min.	3 hr. 50 min.	15 hr. 20 min.	66 MB/min.	9 Mbps
	29.97 fps	IPB (Light)	2 hr. 43 min.	10 hr. 53 min.	43 hr. 32 min.	23 MB/min.	3 Mbps
HDR Movie 1920 x 1080	29.97 fps	IPB (Standard)	17 min.	1 hr. 10 min.	4 hr. 41 min.	216 MB/min.	30 Mbps
Time-Lapse Movie 1920 x 1080	29.97 fps	ALL-I	5 min.	23 min.	1 hr. 34 min.	654 MB/min.	90 Mbps

- If the recording time reaches 29 min. 59 sec., the movie shooting stops automatically.
- Movie shooting does not stop automatically even if the file size reaches 4GB. (When an SDXC card is formatted in exFAT, a movie will be recorded in a single movie file even if it exceeds 4GB.)

<b>Focusing</b>	(1) Dual Pixel CMOS AF <ul style="list-style-type: none"> <li>• Dual Pixel CMOS AF is possible with all EF and EF-S lenses.</li> <li>• Contrast AF is not possible.</li> </ul> (2) Manual focus <ul style="list-style-type: none"> <li>• Magnifying the image by 5x or 10x for manual focus possible (not possible during movie shooting).</li> </ul>
<b>Range</b>	Full range (0–255)

## Exposure Control

Shooting Mode	Frame Rate	Shutter Speed (sec.)		Aperture Value		ISO Speed (recommended exposure index)	
		Auto Setting	Manual Setting	Auto Setting	Manual Setting	Auto Setting	Manual Setting
Program AE for movie shooting in Basic Zone modes*	29.97, 23.98	1/4000–1/30		Yes		ISO 100–12800	
	59.94	1/4000–1/60					
Program AE for movie shooting in Creative Zone modes	29.97, 23.98	1/4000–1/30		Yes		ISO 100–6400 or ISO 100–12800 (H 25600)	
	59.94	1/4000–1/60					
Manual exposure for movie shooting	23.98		1/4000–1/25		Yes	ISO 100–6400 or ISO 100–12800 (H 25600)	ISO 100–12800 (H 25600)
	29.97		1/4000–1/30				
	59.94		1/4000–1/60				

\* In Basic Zone modes, exposure control is exerted as appropriate for the detected scene.

<b>Exposure Compensation</b>	Up to ±3 stops in 1/3- or 1/2-stop increments
<b>LCD Monitor</b>	
<b>Type</b>	TFT color, liquid-crystal monitor
<b>Monitor Size</b>	3.0-inch (screen aspect ratio of 3:2) Approx. 2.95 in./7.50cm diagonal (approx. 2.46 in./6.24cm width, approx. 1.64 in./4.16cm height)
<b>Dots</b>	Approx. 1.04 million dots
<b>Coverage</b>	Approx. 170° vertically and horizontally



<b>Brightness Control</b>	Adjustable to one of seven brightness levels
<b>Coating</b>	Clear View LCD II <ul style="list-style-type: none"> <li>• Anti-smudge coating not applied.</li> <li>• Anti-reflection coating not applied.</li> </ul>
<b>Interface Languages</b>	25 (English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukraine, Turkish, Arabic, Thai, Simplified/Traditional Chinese, Korean, Japanese)
<b>Playback</b>	
<b>Display Format</b>	<p>(1) Single-image display</p> <ul style="list-style-type: none"> <li>• No information display</li> <li>• Basic information display</li> <li>• Detailed shooting information display <ul style="list-style-type: none"> <li>◦ Basic shooting information</li> <li>◦ Lens information and RGB histogram</li> <li>◦ White balance</li> <li>◦ Picture Style and sharpness</li> <li>◦ Contrast, color saturation and color tone</li> <li>◦ Color space and noise reduction</li> <li>◦ Lens aberration correction</li> <li>◦ GPS information (when GPS Receiver is used)</li> </ul> </li> </ul> <p>(2) Index display</p> <ul style="list-style-type: none"> <li>• 4-image</li> <li>• 9-image</li> <li>• 36-image</li> <li>• 100-image</li> </ul>
<b>Highlight Alert</b>	With detailed information display, overexposed highlight areas with no image data will blink.
<b>Histogram</b>	Brightness and RGB
<b>Quick Control Function</b>	
<b>Items</b>	Pressing the Quick Control button displays the Quick Control screen during viewfinder shooting, Live View shooting, movie shooting and playback. After selecting an item, you can select contents by operating the Main Dial.
<b>Image Protection and Erase</b>	
<b>Protection</b>	<p>(1) Single image (select image)</p> <p>(2) Select range</p> <p>(3) All images in a folder</p> <p>(4) All images in a card</p> <p>(5) All found images (only during image search)</p>
<b>Erase</b>	<p>Except protected images</p> <p>(1) Select image to erase</p> <p>(2) Select range</p> <p>(3) All images in a folder</p> <p>(4) All images in a card</p> <p>(5) All found images (only during image search)</p>
<b>Direct Printing</b>	
<b>Compatible Printers</b>	Images can be sent via Wi-Fi® to a PictBridge-compatible (Wireless LAN) printer and printed.
<b>DPOF: Digital Print Order Format</b>	
<b>DPOF</b>	Compliant to DPOF Version 1.1
<b>Wi-Fi®</b>	
<b>Standards Compliance</b>	IEEE 802.11b/g/n

<b>Transmission Method</b>	DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n)				
<b>Transmission Range</b>	Approx. 15 m/49.2 ft. *When communicating with a smartphone or tablet *With no obstructions between the transmitting and receiving antennas and no radio interference				
<b>Transition Frequency (Central Frequency)</b>	Frequency: 2412–2462 MHz Channels: 1–11 channels				
<b>Connection Method</b>	Camera Access Point Mode and Infrastructure mode				
<b>Security</b>	Authentication method: Open system, Shared key, WPA/WPA2-PSK Encryption: WEP, TKIP, AES				
<b>Communication with a Smartphone</b>	Images can be viewed, controlled, and received using a smartphone. Remote control of the camera using a smartphone is possible. Images can be sent to a smartphone.				
<b>Transfer Images Between Cameras</b>	Transferring one image, Transferring selected images, Transferring resized images				
<b>Connect to Connect Station</b>	Images can be sent to and saved on Connect Station.				
<b>Remote Operation Using EOS Utility</b>	Remote control functions and image viewing functions of EOS Utility can be used wirelessly.				
<b>Print from Wi-Fi® Printers</b>	Images can be sent to a Wi-Fi® printer.				
<b>Send Images to a Web Service</b>	Images in the camera or links to images can be sent to registered Web services.				
<b>NFC</b>					
<b>Standards Compliance</b>	NFC Forum Type 3/4 Tag compliant (dynamic)				
<b>Bluetooth®</b>					
<b>Standards Compliance</b>	Bluetooth Specification Version 4.1 compliant (Bluetooth low energy technology)				
<b>Transmission Method</b>	GFSK modulation				
<b>Customization Features</b>					
<b>Custom Functions</b>	11 Custom Functions settable with the camera				
<b>Custom Controls</b>	Functions can be assigned to the following control parts: <ul style="list-style-type: none"> <li>• Shutter button (halfway pressing)</li> <li>• AE lock button</li> <li>• SET button</li> </ul>				
<b>My Menu Registration</b>	<ul style="list-style-type: none"> <li>• Up to six items from the menu items and the top-tier items of Custom Functions can be registered to each tab.</li> <li>• Up to five My Menu tabs can be added.</li> </ul> <table border="1" data-bbox="469 1608 1260 1898"> <tr> <td>My Menu tab overall operations</td> <td> <ul style="list-style-type: none"> <li>• Adding a tab</li> <li>• Deleting tabs in a batch</li> <li>• Deleting all tab items</li> <li>• Setting the menu display</li> </ul> </td> </tr> <tr> <td>My Menu tab detailed operations</td> <td> <ul style="list-style-type: none"> <li>• Selecting item to register</li> <li>• Sorting registered items</li> <li>• Deleting selected registered items</li> <li>• Deleting registered items in a batch</li> <li>• Deleting tabs</li> <li>• Changing a tab name (16 ASCII characters)</li> </ul> </td> </tr> </table>	My Menu tab overall operations	<ul style="list-style-type: none"> <li>• Adding a tab</li> <li>• Deleting tabs in a batch</li> <li>• Deleting all tab items</li> <li>• Setting the menu display</li> </ul>	My Menu tab detailed operations	<ul style="list-style-type: none"> <li>• Selecting item to register</li> <li>• Sorting registered items</li> <li>• Deleting selected registered items</li> <li>• Deleting registered items in a batch</li> <li>• Deleting tabs</li> <li>• Changing a tab name (16 ASCII characters)</li> </ul>
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Interface																									
<b>USB Terminal</b>	Hi-Speed USB (USB 2.0) <ul style="list-style-type: none"> <li>• For PC communication</li> <li>• For Connect Station connection</li> </ul>																								
<b>Video Out Terminal</b>	Type C (Resolution switches automatically) <ul style="list-style-type: none"> <li>• Video is not displayed unless the video system is correctly set for the connected TV set, [NTSC] or [PAL].</li> </ul>																								
<b>Extension System Terminal</b>	3.5mm diameter stereo mini jack <ul style="list-style-type: none"> <li>• Directional Stereo Microphone DM-E1 connection</li> </ul>																								
Power Source																									
<b>Battery</b>	Battery Pack LP-E17 x 1 <ul style="list-style-type: none"> <li>• With the AC Adapter AC-E6N and DC Coupler DR-E18, AC power operation is possible.</li> </ul>																								
<b>Battery Life</b>	<table border="1"> <thead> <tr> <th rowspan="2">Mode</th> <th rowspan="2">Shooting Method</th> <th rowspan="2">Battery</th> <th rowspan="2">Temperature</th> <th colspan="2">Possible Shots (Approx.)</th> </tr> <tr> <th>AE 100%</th> <th>AE 50% / FA 50%</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Camera body only</td> <td rowspan="2">Viewfinder shooting</td> <td rowspan="4">LP-E17</td> <td>At 73°F/23°C</td> <td>840</td> <td>650</td> </tr> <tr> <td>At 32°F/0°C</td> <td>770</td> <td>620</td> </tr> <tr> <td rowspan="2">Live View shooting</td> <td>At 73°F/23°C</td> <td>290</td> <td>260</td> </tr> <tr> <td>At 32°F/0°C</td> <td>260</td> <td>240</td> </tr> </tbody> </table>	Mode	Shooting Method	Battery	Temperature	Possible Shots (Approx.)		AE 100%	AE 50% / FA 50%	Camera body only	Viewfinder shooting	LP-E17	At 73°F/23°C	840	650	At 32°F/0°C	770	620	Live View shooting	At 73°F/23°C	290	260	At 32°F/0°C	260	240
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<b>Battery Check</b>	Automatic battery check when the power switch is turned ON. Displayed in 4 levels.																								
<b>Power Saving</b>	Power turns off after the set time (10/30* or 30 sec., 1, 2, 4, 8 or 15 min.) of non-operation elapses. <ul style="list-style-type: none"> <li>* Normally 10 sec. is set. 30 sec. will be set for function setting, Live View shooting, image playback, etc.</li> </ul>																								
<b>Date/Time Battery</b>	Built-in secondary battery <p>When fully-charged, the date/time can be maintained for approx. 3 months</p> <ul style="list-style-type: none"> <li>• Recharge time: approx. 8 hrs. <ul style="list-style-type: none"> <li>◦ To become capable to maintain the right date/time for 3 months after main battery power depletion.</li> </ul> </li> </ul>																								
<b>Start-up Time</b>	Approx. 0.2 sec. (based on CIPA testing standards)																								
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<b>Dimensions (W x H x D)</b>	Approx. 4.82 x 3.65 x 2.75 in. (122.4 x 92.6 x 69.8mm) <ul style="list-style-type: none"> <li>• CIPA compliant.</li> </ul>																								
<b>Weight</b>	<p><b>Black</b></p> <p>Approx. 15.98 oz. / 453g (Including battery and card)</p> <p>Approx. 14.32 oz. / 406g (Body only)</p> <p><b>White*</b></p> <p>Approx. 16.08 oz. / 456g (Including battery and card)</p> <p>Approx. 14.43 oz. / 409g (Body only)</p> <p>*Canon Online Store exclusive</p>																								
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<b>Working Temperature Range</b>	32-104°F / 0-40°C																								
<b>Working Humidity</b>	85% or less																								