

## Specifications

Type																										
Type	Digital single-lens non-reflex AF/AE camera																									
Recording Media	SD/SDHC/SDXC memory cards *UHS-I compatible																									
Image Format	Approx. 22.3 x 14.9mm (APS-C Size)																									
Compatible Lenses	EF-M lens (when using EF-M Mount Adapter: EF/EF-S lens group) Equivalent to approximately 1.6x the focal length indicated on a mounted lens																									
Image Sensor																										
Type	CMOS sensor																									
Pixels	Effective pixels: Approx. 24.2 Megapixels Total pixels: Approx. 25.8 Megapixels *Pixels may decrease due to image processing..																									
Pixel Unit	Square pixel approx. 3.72 μm																									
Aspect Ratio	3:2																									
Dust Removal Feature	Auto/Manual																									
Recording System (Still)																										
Recording Format	Exif2.3 (DCF2.0)																									
Image	JPEG/RAW (CR2 a Canon 14-bit RAW format)																									
File Size	<table border="1"> <thead> <tr> <th>Aspect Ratio</th> <th>3:2</th> <th>16:9</th> <th>4:3</th> <th>1:1</th> </tr> </thead> <tbody> <tr> <td>Large</td> <td>6000 x 4000</td> <td>6000 x 3368</td> <td>5328 x 4000</td> <td>4000 x 4000</td> </tr> <tr> <td>Medium</td> <td>3984 x 2656</td> <td>3984 x 2240</td> <td>-</td> <td>2656 x 2656</td> </tr> <tr> <td>Small 1 (S1)</td> <td>2976 x 1984</td> <td>2976 x 1680</td> <td>2656 x 1992</td> <td>1984 x 1984</td> </tr> <tr> <td>Small 2 (S2)</td> <td>2400 x 1600</td> <td>2400 x 1344</td> <td>2112 x 1600</td> <td>1600 x 1600</td> </tr> </tbody> </table>	Aspect Ratio	3:2	16:9	4:3	1:1	Large	6000 x 4000	6000 x 3368	5328 x 4000	4000 x 4000	Medium	3984 x 2656	3984 x 2240	-	2656 x 2656	Small 1 (S1)	2976 x 1984	2976 x 1680	2656 x 1992	1984 x 1984	Small 2 (S2)	2400 x 1600	2400 x 1344	2112 x 1600	1600 x 1600
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File Numbering	Continuous, Auto Reset																									
RAW + JPEG Simultaneous Recording	Yes																									
Picture Style	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Def. 1-3																									
White Balance																										
Settings	(1) Auto (2) Day Light (3) Shade (4) Cloudy (5) Tungsten light (6) White fluorescent light (7) Flash (8) Color temperature (9) Custom																									

<b>White Balance Correction</b>	Blue/Amber: ±9 levels Green/Magenta: ±9 levels
<b>Viewfinder</b>	
<b>Viewfinder Information</b>	Attachment EVF-DC2 and EVF-DC1 connect to the hot shoe. (Communication is performed through the use of a dedicated terminal attached to the shoe)
<b>Autofocus</b>	
<b>Type</b>	Dual Pixel CMOS AF (Face+Tracking AF, Smooth Zone AF, 1-point AF)
<b>AF Points</b>	49 points (Maximum)
<b>AF Working Range</b>	EV -1-18 (at room temperature, ISO 100, when using EF-M 22mm f/2 STM)
<b>Focusing Modes</b>	(1) TTL Autofocus <ul style="list-style-type: none"> <li>• One-Shot AF</li> <li>• Servo AF</li> </ul> (2) Manual focus (3) AF+MF
<b>Continuous AF</b>	Provided
<b>AF Assist Beam</b>	Built-in LED lamp
<b>Exposure Control</b>	
<b>Metering Modes</b>	Real-time metering using the image sensor (1) Evaluative metering (384 zones) (2) Partial metering (10%) (3) Spot metering (2%) (4) Center-weighted evaluative metering
<b>Metering Range</b>	EV 1-20 (at room temperature, ISO 100)
<b>Exposure Control Systems</b>	(1) Program AE (2) Shutter-priority AE (3) Aperture-priority AE (4) Manual exposure
<b>ISO Speed Range (Recommended Exposure Index)</b>	ISO Auto Range (AUTO mode): ISO 100-6400 Max. ISO Speed (P mode): ISO 25600
<b>Exposure Compensation</b>	(1) Manual: ±3 stops in 1/3-stop increments (2) AE Bracketing: ±2 stops in 1/3-stop increments AE Bracketing can be used together with manual compensation.
<b>AE Lock</b>	Manual/Auto
<b>Shutter</b>	
<b>Type</b>	Electronically controlled focal-plane shutter
<b>Shutter Speeds</b>	1/4000 sec. to 30 sec. Highest flash-sync shutter speed: 1/200 sec.
<b>Self Timer</b>	Off, 2 sec. delay, 10 sec. delay, Custom, Remote Shooting

Time Lag (LCD Monitor On)																									
Camera Start-up Time	Approx. 1.0 sec.																								
Built-in Flash																									
Type	Manual pop-up flash																								
Guide Number	Gno. approx. 5 (ISO 100/m)																								
Flash Coverage	Covers approx. 15mm focal length (35mm film size conversion: approx. 24mm)																								
Flash Exposure Compensation	±2 stops in 1/3-stop increments																								
External Speedlite																									
Flash Metering	E-TTL II autoflash																								
Flash Exposure Compensation	±2 stops in 1/3-stop increments																								
FE Lock	Provided																								
External Flash Settings	Flash functions settable with the camera.																								
Drive System																									
Drive Mode	Single shooting, Continuous shooting (High-speed continuous shooting, low-speed continuous shooting)																								
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Continuous shooting speed may become slower due to the following factors: Tv value/Av value/Subject conditions/Lighting conditions/Lens type/Use of flash/Battery Level.																									
Video Shooting																									
File Format	MP4 Video: MPEG-4 AVC / H.264 Audio: MPEG-4 AAC-LC (stereo)																								
File Size	Recording Sizes: 1920 x 1080 (Full HD), 1280 x 720 (HD) and 640 x 480 (VGA)																								
Frame Rates	[1920 x 1080]: 59.94 fps / 29.97 fps / 23.976 fps [1280 x 720]: 59.94 fps [640 x 480]: 29.97 fps																								

<b>Continuous Shooting Time Based on 16GB Memory Card</b>	<b>Movie Recording Size</b>		<b>Recording Bit Rate (Approx.)*</b>	<b>Recording File Size</b>	<b>Single Clip Recording Time</b>	<b>Recordable Time per a Memory Card</b>
	1920 x 1080	59.94 fps	35 Mbps	4288 KB/sec.	29 min. 59 sec.	59 min. 30 sec.
		29.97 fps 23.98 fps	24 Mbps	2945 KB/sec.		1 hr. 26 min. 5 sec.
	1280 x 720	59.94 fps	16 Mbps	1969 KB/sec.		2 hr. 8 min. 27 sec.
	640 x 480	29.97 fps	3 Mbps	382 KB/sec.		10 hr. 22 min. 35 sec.
<p>* Recording bit rate of movie images only, sound data not included.  * Limit on movie recording: continuous shooting is possible until the memory card becomes full or the recording length for one movie reaches approx. 29 minutes 59 seconds.</p>						
<b>Metering Modes</b>	Real-time metering using the image sensor (1) Evaluative metering					
<b>ISO Speed Range (Recommended Exposure Index)</b>	ISO Auto Range (AUTO and Manual mode): ISO 100–6400 Expandable to ISO 12800					
<b>Exposure Compensation</b>	±3 stops in 1/3-stop increments					
<b>LCD Monitor</b>						
<b>Type</b>	TFT color liquid crystal monitor					
<b>Monitor Size</b>	3.0 type					
<b>Pixels</b>	Approx. 1.04 million dots					
<b>Features</b>	Tilt (upwards approx. 180° + downwards approx. 45°)					
<b>Touch-screen Panel</b>	Electrostatic capacitance type					
<b>Brightness Control</b>	Adjustable to one of five brightness levels.					
<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>	(1) Single-image display (2) 1 shot + information display <ul style="list-style-type: none"> <li>• Simple information</li> <li>• Detailed information <ul style="list-style-type: none"> <li>○ Histogram</li> <li>○ Lens information</li> <li>○ Picture Style</li> <li>○ Noise reduction</li> <li>○ Correction data</li> </ul> </li> </ul> (3) Index display <ul style="list-style-type: none"> <li>• 6-image</li> <li>• 12-image</li> <li>• 42-image</li> <li>• 110-image</li> </ul> (4) Image rotate					
<b>Highlight Alert</b>	Provided					
<b>Quick Control Dial</b>	Provided					
<b>Image Protection</b>	Provided					

Direct Printing	
<b>Compatible Printers</b>	PictBridge-compatible printers
<b>Printable Images</b>	JPEG, RAW*, MP4 and MOV files are printable. *Prints JPEG images used for display, which are taken on the same model.
Digital Print Order Format	
<b>DPOF</b>	DCF-compliant DPOF compatible (Version 1.1)
Customization	
<b>Custom Controls (Camera Controls/ Buttons Customization)</b>	Functions can be assigned to the following controls (set in Custom Functions): <ul style="list-style-type: none"> <li>• Shutter button</li> <li>• Front dial</li> <li>• Quick control dial</li> <li>• Cross button (up, down, left, right)</li> <li>• Control dial</li> <li>• M-Fn button</li> <li>• Movie button</li> <li>• Touchpad AF button</li> </ul>
Interface	
<b>USB Terminal</b>	Micro USB
<b>Audio/Video OUT Terminal</b>	HDMI OUT terminal Type D HDMI output while recording available
Power Source	
<b>Battery</b>	LP-E17
<b>Battery Life</b>	<p><b>Number of Still Image Shots (CIPA compliant)</b> Monitor On: Approx. 295 shots Electronic Color Viewfinder On: Approx. 290 shots</p> <p><b>Number of Still Image Shots (Eco Mode On)</b> Monitor On: Approx. 425 shots</p> <p><b>Movie Recording Time (CIPA compliant)</b> Monitor On: Approx. 85 min. Electronic Color Viewfinder On: Approx. 85 min.</p>
<b>Playback Time</b>	Approx. 5 hr. * Time when playing back a slideshow of still images.
Dimensions and Weight	
<b>Dimensions (W x H x D)</b>	Approx. 4.4 x 2.7 x 1.8 in. (112.0 x 68.0 x 44.5mm) * CIPA compliant.
<b>Weight</b>	Approx. 12.1 oz. / 343g (body only) Approx. 13.8 oz. / 390g (including battery pack, memory card) * CIPA compliant.
Operating Environment	
<b>Working Temperature Range</b>	32-104°F / 0-40°C
<b>Working Humidity</b>	85% or less