

Type	
<b>Type</b>	Digital single-lens non-reflex AF/AE camera
<b>Image Processor</b>	DIGIC X
<b>Recording Media</b>	CFexpress card <ul style="list-style-type: none"> <li>• Type B: Card slot</li> </ul> SD card <ul style="list-style-type: none"> <li>• SD card speed class-compatible.</li> <li>• Compatible with UHS-II</li> <li>• Eye-Fi cards and Multimedia cards (MMC) are not supported.</li> </ul>
<b>Compatible Lenses</b>	Canon RF lens group When using Mount Adapter EF-EOS R: Canon EF or EF-S lenses (excluding EF-M lenses)
<b>Lens Mount</b>	Canon RF mount
Image Sensor	
<b>Type</b>	Full-frame back-illuminated stacked CMOS sensor (compatible with Dual Pixel CMOS AF)
<b>Effective Pixels</b>	Approx. 24.1 megapixels
<b>Sensor Size</b>	Approx. 36.0 x 24.0 mm
<b>Pixel Size</b>	Approx. 6.00 μm square
<b>Total Pixels</b>	Approx. 26.7 megapixels
<b>Aspect Ratio</b>	3:2 (Horizontal: Vertical)
<b>Color Filter System</b>	RGB primary color filters
<b>Low Pass Filter</b>	Installed in front of the image sensor, non-detachable
<b>Dust Deletion Feature</b>	(1) Self Cleaning Sensor Unit <ul style="list-style-type: none"> <li>• Removes dust adhering to the low-pass filter.</li> <li>• At power off only / Enable / Disable. Performed automatically (taking about approx. 2 sec. as indicated on the screen) or manually (taking about approx. 8 sec. as indicated on the screen).</li> <li>• After manually activated cleaning, the camera will automatically restart (Power OFF to ON).</li> <li>• When [Multi Shot Noise Reduction], [Multiple exposures], or [HDR mode] is set, [Clean now] and [Clean manually] 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 EOS Canon Digital Professional Software (v. 4.14 and higher) to automatically erase the dust spots.</li> <li>• Not available with EF-S lenses, in cropped shooting or multi-exposure shooting.</li> </ul> (3) Manual cleaning (by hand)

Recording System	
<b>Recording Format</b>	Compliant to Design rule for Camera File system 2.0 and Exif 2.31*. *Supports time difference information
<b>Image Format</b>	JPEG, HEIF, RAW (CR3, 14 bit RAW format), C-RAW (Canon original); Movies: ALL-I, IPB (Std.), IPB (Light), RAW (Std.), RAW (Light)
<b>HDR Mode-Continuous Shooting</b>	(1) 1 shot only (2) Continuously (3) Multiple Exposure
<b>Advanced shooting operations</b>	(1) Focus Bracketing (firmware 1.2.0 or higher) <ul style="list-style-type: none"> <li>In-Camera Depth composite</li> <li>Adds Focus bracketing and depth compositing with a flash (Speedlite EL-1)</li> </ul> (2) Interval Timer (3) Bulb Timer (4) Multi-Shot NR (5) Time-lapse movies
<b>File Size</b>	<p>3:2 Aspect Ratio Large/RAW/C-RAW: 6000 x 4000 Medium: 3984 x 2656 Small 1: 2976 x 1984 Small 2: 2400 x 1600</p> <p>1.6x (Crop)* Large/RAW/C-RAW: 3744 x 2496 Small 2: 2400 x 1600</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/C-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/C-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/C-RAW: 6000 x 4000</p> <ul style="list-style-type: none"> <li>Values for Recording Pixels are rounded to the nearest 100,000.</li> <li>RAW/C-RAW images are generated in [3:3], and the set aspect ration is appended.</li> <li>JPEG images are generated in the set aspect ratio.</li> <li>These aspect rations (Medium / Small 2 / Small 2) and pixel counts also apply to resizing.</li> </ul> <p>* Effective lens focal length 1.6x marked focal length</p>

<b>File Numbering</b>	<p>The following file numbers can be set:</p> <ol style="list-style-type: none"> <li>1. File numbering methods <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 or format the card, the numbering will be reset to start from 0001. If the new SD card already contains images, the numbering will continue from the last recorded image in the card.</li> </ol> </li> </ol> </li> <li>2. Manual reset <ol style="list-style-type: none"> <li>a. Resets the file number to 0001, and creates a new folder automatically. <ul style="list-style-type: none"> <li>* When manually resetting the file number, folders can also be renamed.</li> </ul> </li> </ol> </li> </ol>
<b>RAW + JPEG / HEIF Simultaneous Recording</b>	Simultaneous recording of any combination of RAW/C-RAW and JPEG/HEIF image-recording quality is supported.
<b>Color Space</b>	Selectable between sRGB and Adobe RGB
<b>Picture Style</b>	<ol style="list-style-type: none"> <li>(1) Auto</li> <li>(2) Standard</li> <li>(3) Portrait</li> <li>(4) Landscape</li> <li>(5) Fine Detail</li> <li>(6) Neutral</li> <li>(7) Faithful</li> <li>(8) Monochrome</li> <li>(9) User Defined 1–3 <ul style="list-style-type: none"> <li>• In Scene Intelligent Auto, [Auto] will be set automatically.</li> <li>• [Standard] is the default setting for [User Def. 1–3].</li> </ul> </li> </ol>
<b>White Balance</b>	
<b>Settings</b>	<ol style="list-style-type: none"> <li>(1) Auto (Ambience priority/White priority)</li> <li>(2) Daylight</li> <li>(3) Shade</li> <li>(4) Cloudy*</li> <li>(5) Tungsten light</li> <li>(6) White fluorescent light</li> <li>(7) Flash</li> <li>(8) Custom (Custom WB)</li> <li>(9) Color temperature (user-set from 2500K ~ 10000K)</li> </ol> <p>* Effective also in twilight and sunset.</p>
<b>Auto White Balance</b>	Option between ambience priority and white priority settings.
<b>White Balance Shift</b>	<p>Blue/amber bias: <math>\pm 9</math> levels  Magenta/green bias: <math>\pm 9</math> levels</p> <p>* Shifted from the color temperature of the current WB mode.  * Blue/amber and magenta/green shift can be set at the same time.</p>
<b>Viewfinder</b>	
<b>Type</b>	OLED color electronic viewfinder; approx. 5.76 million dots resolution
<b>Coverage</b>	Approx. 100% vertically and horizontally relative to the shooting image area (with image quality L, at approx. 23mm eyepoint).
<b>Magnification / Angle of View</b>	Approx. 0.76x / Approx. 35.7 degrees (with 50mm lens at infinity, $-1 \text{ m}^{-1}$ )
<b>Eye Point</b>	Approx. 23mm (at $-1 \text{ m}^{-1}$ from the eyepiece lens end)

<b>Dioptric Adjustment Range</b>	Approx. -4.0 to + 2.0 m <sup>-1</sup> (dpt)
<b>Viewfinder Information</b>	<ul style="list-style-type: none"> <li>(1) Maximum burst</li> <li>(2) Possible shots/Sec. until self-timer shoots</li> <li>(3) Focus Bracketing/ Multiple-exposure/HDR shooting/Multi Shot Noise Reduction/Bulb time/Interval timer</li> <li>(4) Shooting mode</li> <li>(5) AF area</li> <li>(6) AF operation</li> <li>(7) Card</li> <li>(8) Image quality</li> <li>(9) Drive mode</li> <li>(10) Metering mode</li> <li>(11) Accessory compatible with the multi-function shoe attached</li> <li>(12) No. of remaining shots for focus bracketing, multiple exposures, or interval timer</li> <li>(13) Movie recording time available</li> <li>(14) Battery level</li> <li>(15) Image Stabilizer (IS mode)</li> <li>(16) Histogram (Brightness/RGB)</li> <li>(17) Set AF point to center</li> <li>(18) Quick Control button</li> <li>(19) Anti-flicker shooting</li> <li>(20) White balance/White balance correction</li> <li>(21) Picture style</li> <li>(21) Auto Lighting Optimizer</li> <li>(22) Subject to deter</li> <li>(23) Still photo cropping / Aspect ratio</li> <li>(24) Wi-Fi® signal strength</li> <li>(25) Bluetooth® function</li> <li>(26) Electronic level</li> <li>(27) AF point (Flexible Zone AF 1)</li> <li>(28) Wi-Fi® function</li> <li>(29) Airplane mode</li> <li>(29) AEB/FEB</li> <li>(30) View Assist</li> <li>(31) HDR PQ</li> <li>(32) Flash ready / FE lock / High-speed sync</li> <li>(33) Electronic shutter</li> <li>(34) Touch shutter / Create folder</li> <li>(35) AE lock</li> <li>(36) Shutter speed / Multi-function lock warning</li> <li>(37) Aperture value</li> <li>(38) Overheating warning</li> <li>(39) Still photo image quality warning</li> <li>(40) Focal length</li> <li>(41) Display simulation</li> <li>(42) Magnify button</li> <li>(43) ISO speed</li> <li>(44) Highlight tone priority</li> <li>(45) Exposure compensation</li> <li>(46) Exposure level indicator</li> </ul>
<b>Autofocus</b>	
<b>Focus Method</b>	Dual Pixel CMOS AF
<b>Number of AF zones available for Automatic Selection</b>	AF area: Horizontal: Approx. 100% x Vertical: Approx. 100% Stills: Max. 1053 zones (39 x 27) Movies: Max. 819 zones (39 x 21)

<b>Focusing brightness range (still photos)</b>	EV -7.5 to 20 (f/1.2 lens*, center AF point, One-Shot AF, at 73°F/23°C, ISO 100) * Except RF lenses with a Defocus Smoothing (DS) coating.										
<b>Focusing brightness range (in movie recording)</b>	EV -4.5 to 20 (f/1.2 lens*, center AF point, One-Shot AF, at 73°F/23°C, ISO 100, and 29.97 fps.) * Except RF lenses with a Defocus Smoothing (DS) coating.										
<b>AF Area</b>	<table border="1" style="margin-bottom: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">AF Area</th> </tr> </thead> <tbody> <tr> <td>Spot AF</td> <td>Flexible Zone AF 1</td> </tr> <tr> <td>1-point AF</td> <td>Flexible Zone AF 2</td> </tr> <tr> <td>Expand AF Area (Above, below, left and right/Around)</td> <td>Flexible Zone AF 3</td> </tr> <tr> <td>Expand AF Area (Around)</td> <td>Whole area AF</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• Default settings for Flexible Zone AF 1/AF 2/AF 3 are the same as previous Zone AF, Large Zone AF Vertical, and Large Zone AF Horizontal, respectively.</li> <li>• Except when Whole area AF is used, a dot is displayed in the center of any AF Area (or Flexible Zone AF area) in the center of the screen.</li> <li>• In still photo shooting, regardless of the AF area setting when Servo AF is used with [Subject Tracking: On] set, AF is performed using [Whole area AF]. [Subject Tracking: Off] should be set if users wish AF to be performed at their preferred position when Aervo AF is used, as on previous models.</li> </ul>	AF Area		Spot AF	Flexible Zone AF 1	1-point AF	Flexible Zone AF 2	Expand AF Area (Above, below, left and right/Around)	Flexible Zone AF 3	Expand AF Area (Around)	Whole area AF
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Expand AF Area (Around)	Whole area AF										
<b>Subject to Detect</b>	People, Animals, Vehicles, No Priority										
<b>Eye Control</b>	<p>On / Off</p> <ul style="list-style-type: none"> <li>• The area where eye control is supported corresponds to the area in the viewfinder's field of view available for AF (AF Area)</li> <li>• Eye control is not available during magnified display or manual focusing. (The focus guide frame can be moved.)</li> <li>• &lt;SET&gt; button can be used to activate and deactivate eye control.</li> <li>• If users move their eye away from the viewfinder, when their line of sight is not detected, subject detection and focusing is based on [Subject to detect] and [AF area] settings.</li> <li>• Continuous shooting at up to approx. 30 shots/sec. is supported.</li> </ul>										
<b>Exposure Control</b>											
<b>Metering Modes</b>	<p>Real-time metering with image sensor (384 zones [24x16 zone metering])</p> <p>(1) Evaluative metering (2) Partial metering (approx. 5.9% of the area at the center of the screen) (3) Spot metering (approx. 2.9% of the area at the center of the screen) (4) Center-weighted average metering</p>										
<b>Metering Range</b>	EV -3 – 20 (at 73°F/23°C, ISO 100) (Still Photo Shooting)										
<b>Exposure Control Modes</b>	<p>(1) Scene Intelligent Auto (2) Flexible-priority AE (Fv) (3) Program AE (P) (4) Shutter-priority AE (Safety shift possible) (Tv) (5) Aperture-priority AE (Safety shift possible) (Av) (6) Manual exposure (M) (7) Bulb (8) Custom shooting mode C1, C2, C3</p>										

<b>ISO Speed Range</b>	<p><b>Available ISO speeds; user-set</b></p> <table border="1" data-bbox="451 163 1344 254"> <tr> <td style="text-align: center;"><b>Normal</b></td> <td>ISO 100–102400 (in 1/3- or 1-stop increments)</td> </tr> <tr> <td style="text-align: center;"><b>Expanded</b></td> <td>L: equivalent to ISO 50, H: equivalent to 204800</td> </tr> </table> <ul style="list-style-type: none"> <li>• When set to [Highlight tone priority], the available manual setting range is ISO 200 to 102400.</li> <li>• Expanded ISO cannot be set for HDR mode or during HDR PQ shooting.</li> </ul> <p><b>User-defined ISO range - still photo shooting</b></p> <table border="1" data-bbox="451 390 1344 541"> <tr> <td style="text-align: center;"><b>ISO Speed Range</b></td> <td style="text-align: center;"><b>ISO speed</b></td> </tr> <tr> <td style="text-align: center;"><b>Minimum</b></td> <td>L (50)–51200 (in 1-stop increments)</td> </tr> <tr> <td style="text-align: center;"><b>Maximum</b></td> <td>ISO 100–H (102400) (in 1-stop increments)</td> </tr> </table> <p>* Expanded ISO speeds are noted as being "equivalent" to these speeds.</p> <p><b>User-defined Auto ISO range - still photo shooting</b></p> <table border="1" data-bbox="451 627 1344 779"> <tr> <td style="text-align: center;"><b>Auto Range</b></td> <td style="text-align: center;"><b>ISO speed</b></td> </tr> <tr> <td style="text-align: center;"><b>Minimum</b></td> <td>ISO 100–51200 (in 1-stop increments)</td> </tr> <tr> <td style="text-align: center;"><b>Maximum</b></td> <td>ISO 200–102400 (in 1-stop increments)</td> </tr> </table> <p><b>ISO Auto details in still photo shooting</b></p> <table border="1" data-bbox="451 825 1411 1079"> <thead> <tr> <th style="text-align: center;">Shooting mode</th> <th style="text-align: center;">No Flash</th> <th style="text-align: center;">Using Flash</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">P</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">ISO 100<sup>*1*2</sup>-102400<sup>*2</sup></td> <td rowspan="4" style="text-align: center; vertical-align: middle;">ISO 100<sup>*1*2</sup>–6400<sup>*2*</sup>□</td> </tr> <tr> <td style="text-align: center;">TV</td> </tr> <tr> <td style="text-align: center;">AV</td> </tr> <tr> <td style="text-align: center;">M</td> </tr> <tr> <td style="text-align: center;"><b>BULB</b></td> <td colspan="2" style="text-align: center;">ISO 400<sup>*3</sup></td> </tr> </tbody> </table> <p>* 1: ISO 200 when [Highlight tone priority] is set to [Enable] or [Enhanced].  * 2: Varies depending on [Maximum] and [Minimum] of [Auto range].  * 3: If outside the setting range, changed to the value most close to ISO 400.  * 4: ISO 1600 when using a lens that is not compatible with "Variable control of maximum ISO Auto limit for E-TTL".</p>	<b>Normal</b>	ISO 100–102400 (in 1/3- or 1-stop increments)	<b>Expanded</b>	L: equivalent to ISO 50, H: equivalent to 204800	<b>ISO Speed Range</b>	<b>ISO speed</b>	<b>Minimum</b>	L (50)–51200 (in 1-stop increments)	<b>Maximum</b>	ISO 100–H (102400) (in 1-stop increments)	<b>Auto Range</b>	<b>ISO speed</b>	<b>Minimum</b>	ISO 100–51200 (in 1-stop increments)	<b>Maximum</b>	ISO 200–102400 (in 1-stop increments)	Shooting mode	No Flash	Using Flash	P	ISO 100 <sup>*1*2</sup> -102400 <sup>*2</sup>	ISO 100 <sup>*1*2</sup> –6400 <sup>*2*</sup> □	TV	AV	M	<b>BULB</b>	ISO 400 <sup>*3</sup>	
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<b>AE Lock</b>	<p>(1) Auto AE lock</p> <ul style="list-style-type: none"> <li>• (via C.Fn Menu #2 — AE lock meter. mode after focus) AE is locked after completion of One-Shot AF, in user's choice of Evaluative, Partial, Spot, and/or Center-weighted metering.</li> </ul> <p>(2) Manual AE lock</p> <ul style="list-style-type: none"> <li>• Use the AE lock button (update by pressing the button again) in Fv, P, Tv, Av, and M mode.</li> <li>• Enabled in all metering modes.</li> <li>• Options to cancel locked reading via Customizing Buttons — AE Lock with Hold, or Release AE Lock.</li> </ul>																												

Shutter													
<b>Type</b>	<p>(1) Mechanical  (2) Electronic 1st-Curtain  (3) Electronic Shutter (1st and 2nd curtain - silent*)</p> <ul style="list-style-type: none"> <li>When set to [Electronic], the camera makes no mechanical shutter sound. Shutter volume during Electronic Shutter is adjustable in 5 user-defined steps, plus silent — Set-up Menu #2 &gt; Volume. Electronic Shutter sound is also disabled when Beep is set to Disable — Set-up Menu #2 &gt; Beep. Note that the camera may make sounds other than the shutter release sound, such as sounds for aperture adjustment or the lens focus drive, or beeps. Moreover, using long exposure noise reduction with shutter speeds of 1 sec. or longer involved mechanical shutter, which produces a mechanical sound.</li> <li>Bands of light may be displayed and captured images may be affected by light and dark banding when shooting under fluorescent lighting or other flickering light sources with the camera set to [Anti-flicker shoot: Disable]</li> <li>The following settings are available when [Electronic] is set:</li> <li>Drive mode selection (H+ / H / L), shooting with an external flash unit, anti-flicker shooting, shutter speed (no low-speed restrictions), long exposure noise reduction, AEB, Multi Shot Noise Reduction, HDR Shooting (HDR PQ), HDR mode, multiple exposures.</li> <li>M or Tv modes, with Electronic Shutter: user-set shutter speeds extend to 1/64,000 sec. maximum. (Set in full-step increments from 1/8000 to 1/64000).</li> </ul>												
<b>Shutter Speeds</b>	<table border="1"> <tr> <td>Mechanical Shutter / Electronic 1st-curtain</td> <td>1/8000 to 30 sec. (in 1/3- or 1/2-stop increments) bulb</td> </tr> <tr> <td>Electronic Shutter</td> <td>1/64000 sec., 1/32000 sec., 1/16000 sec., 1/12800 sec., 1/10000 sec., 1/8000 sec. to 30 sec. (in 1/3- or 1/2-stop increments), bulb</td> </tr> </table> <ul style="list-style-type: none"> <li>In electronic shutter shooting, shutter speeds of 1/10000 sec. or faster are only available in Tv or M mode (up to 1/8000 sec. in Fv, P, or Av mode).</li> <li>Adjustments by the camera when the shutter speed is set to 1/64000 or 1/32000 sec. in electronic shutter shooting may involve the aperture value or ISO speed in some shooting conditions, because shutter speed cannot be controlled in 1/3- or 1/2-stop increments.</li> <li>If HDR mode, Focus bracketing, Hi-speed sync, or Same exposure for new aperture is set, max shutter speed limit will be 1/8000 sec.</li> </ul>	Mechanical Shutter / Electronic 1st-curtain	1/8000 to 30 sec. (in 1/3- or 1/2-stop increments) bulb	Electronic Shutter	1/64000 sec., 1/32000 sec., 1/16000 sec., 1/12800 sec., 1/10000 sec., 1/8000 sec. to 30 sec. (in 1/3- or 1/2-stop increments), bulb								
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<b>X-sync Speed</b>	Mechanical Shutter: 1/200 sec. Elec. 1st-curtain: 1/250 sec. Electronic Shutter: 1/180 sec.												
<b>Shutter Release</b>	Soft-touch electromagnetic release												
<b>Self Timer</b>	10-sec. delay, 2-sec. delay												
<b>Shutter Lag Time</b>	<table border="1"> <thead> <tr> <th></th> <th>Mechanical Shutter</th> <th>Electronic 1st curtain</th> <th>Electronic shutter</th> </tr> </thead> <tbody> <tr> <td>Shutter-release time lag *With SW-1 ON and ready, from SW-2 ON until start of exposure</td> <td>Approx. 76 ms</td> <td>Approx. 50 ms</td> <td>Approx. 50 ms</td> </tr> <tr> <td>*With shutter-release time lag set<sup>1,2</sup></td> <td>Approx. 76 ms</td> <td>Approx. 36 ms<sup>3</sup></td> <td>Approx. 20 ms<sup>4</sup></td> </tr> </tbody> </table> <p>*Based on Canon testing standards. Flash not used.  *The shutter-release time lag is longer in flash photography with anti-flicker shooting.  *1: Using RF or EF lenses (except EF-S lenses)  *2: At maximum aperture.  *3: Using EF-S lenses and electronic 1st-curtain: approx. 45 ms.  *4: Using EF-S lenses and the electronic shutter: approx. 35 ms.</p>		Mechanical Shutter	Electronic 1st curtain	Electronic shutter	Shutter-release time lag *With SW-1 ON and ready, from SW-2 ON until start of exposure	Approx. 76 ms	Approx. 50 ms	Approx. 50 ms	*With shutter-release time lag set <sup>1,2</sup>	Approx. 76 ms	Approx. 36 ms <sup>3</sup>	Approx. 20 ms <sup>4</sup>
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Image Stabilization (IS mode)																																																									
<b>Still Photo IS</b>	<p>In-body IS operation can be selected when using a non-IS lens.</p> <ul style="list-style-type: none"> <li>• Always on</li> <li>• Only for shot</li> </ul>																																																								
<b>5-axis Image Stabilization with EF/RF lenses</b>	<table border="1"> <thead> <tr> <th></th> <th>Lens</th> <th>Pitch/YAW</th> <th>X/Y</th> <th>Roll</th> </tr> </thead> <tbody> <tr> <td rowspan="3"><b>EF</b></td> <td><b>Without IS</b></td> <td>In-body IS</td> <td>In-body IS</td> <td>In-body IS</td> </tr> <tr> <td><b>Optical IS</b></td> <td>Optical IS</td> <td>In-body IS</td> <td>In-body IS</td> </tr> <tr> <td><b>Hybrid IS</b></td> <td>Optical IS</td> <td>Still: Optical IS Movie: In-body IS</td> <td>In-body IS</td> </tr> <tr> <td rowspan="3"><b>RF</b></td> <td><b>Without IS</b></td> <td>In-body IS</td> <td>In-body IS</td> <td>In-body IS</td> </tr> <tr> <td><b>Optical IS</b></td> <td>Coordinated Control* Optical IS+In-body IS</td> <td>In-body IS</td> <td>In-body IS</td> </tr> <tr> <td><b>Hybrid IS</b></td> <td>Coordinated Control* Optical IS+In-body IS</td> <td>Still: Optical IS Movie: In-body IS</td> <td>In-body IS</td> </tr> </tbody> </table> <p>* As of July 2021. Except RF600mm F11 IS STM and RF800mm F11 IS STM</p>		Lens	Pitch/YAW	X/Y	Roll	<b>EF</b>	<b>Without IS</b>	In-body IS	In-body IS	In-body IS	<b>Optical IS</b>	Optical IS	In-body IS	In-body IS	<b>Hybrid IS</b>	Optical IS	Still: Optical IS Movie: In-body IS	In-body IS	<b>RF</b>	<b>Without IS</b>	In-body IS	In-body IS	In-body IS	<b>Optical IS</b>	Coordinated Control* Optical IS+In-body IS	In-body IS	In-body IS	<b>Hybrid IS</b>	Coordinated Control* Optical IS+In-body IS	Still: Optical IS Movie: In-body IS	In-body IS																									
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<b>Slow Sync (P/Av modes)</b>	<table border="1"> <thead> <tr> <th rowspan="2">Item</th> <th colspan="3">Shutter Speed</th> </tr> <tr> <th>Mechanical Shutter</th> <th>Electronic 1st Curtain</th> <th>Electronic Shutter</th> </tr> </thead> <tbody> <tr> <td>1/xxx-30 sec. auto</td> <td>1/200-30 sec.</td> <td>1/250-30 sec.</td> <td>1/180-30 sec.</td> </tr> <tr> <td>1/xxx-1/60 sec. auto</td> <td>1/200-1/60 sec.</td> <td>1/250-1/60 sec.</td> <td>1/180-1/60 sec.</td> </tr> <tr> <td>1/xxx sec. (fixed)</td> <td>1/200 sec.</td> <td>1/250 sec.</td> <td>1/180 sec.</td> </tr> </tbody> </table> <p>*Setting items vary by shutter mode setting *Flash photography is supported with the shutter mode set to [Electronic].</p>	Item	Shutter Speed			Mechanical Shutter	Electronic 1st Curtain	Electronic Shutter	1/xxx-30 sec. auto	1/200-30 sec.	1/250-30 sec.	1/180-30 sec.	1/xxx-1/60 sec. auto	1/200-1/60 sec.	1/250-1/60 sec.	1/180-1/60 sec.	1/xxx sec. (fixed)	1/200 sec.	1/250 sec.	1/180 sec.																																					
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<b>Flash Function Menu</b>	Provided for EX- and EL-series Speedlites																																																								
<b>Flash Exposure Compensation</b>	±3 stops in 1/3- or 1/2-stop increments. Can be set on speedlite, in camera's External Speedlite Control Menu, or on camera body.																																																								
<b>Continuous flash control</b>	1. E-TTL each shot (E-TTL flash exposure fixed after first shot in a sequence) 2. E-TTL 1st shot																																																								



## Drive System

### Drive Modes and Continuous Shooting Speed

Drive Modes	AF Operation	Mechanical Shutter	Electronic 1st curtain	Electronic shutter
Single Shooting		Yes	Yes	Yes
High-speed Continuous + shooting <sup>1,2,3</sup>	One-Shot AF	Approx. 12 shots/sec.		Max. Approx. 30 shots/sec.
	Servo AF			
High-speed Continuous shooting <sup>4,5</sup>	One-Shot AF	Approx. 6.0 shots/sec.	Approx. 8.0 shots/sec.	Max. Approx. 15 shots/sec.
	Servo AF			
Low-speed Continuous Shooting	One-Shot AF	Approx. 3.0 shots/sec.		
	Servo AF			
Custom High-Speed Continuous (firmware 1.2.0 or higher)	One-shot AF <sup>6</sup>	Not Available	No	Adjustable Approx. 30 - 195 fps
	Servo AF <sup>6</sup>			
Self-timer:10 sec / remote control		Yes		
Self-timer:2 sec / remote control		Yes		

1. AE, flash metering, and white balance are fixed after the first frame when using High-speed continuous shooting+, flash, and mechanical/electronic first-curtain shutter.
2. When set to [High-speed continuous shooting+], the continuous shooting speed in flash photography (with flash metering between shots) is up to approx. 15 shots/sec. Flash metering between shots is not supported with mechanical shutter or electronic first-curtain. Without flash meter between shots, the continuous shooting speed with flash is up to approx. 20 shots/sec. with the electronic shutter. Note that the maximum of approx. 15 shots/sec. with the electronic shutter is only available when using EL or EX Speedlites released in or after 2007 (except 430EX II, 90EX, 320EX or 580 EXII)
3. The continuous shooting speed in anti-flicker shooting drops to a maximum of approx. 5.4 shots/sec. with mechanical shutter and a maximum of approx. 10 shots/sec. for electronic first-curtain. With electronic shutter, if flicker frequency is 60 Hz, max continuous speed will be approx. 24 shots/sec. and if flicker frequency is 50Hz, max continuous speed will be approx. 20 shots/sec.
4. The continuous shooting speed in flash photography (with flash metering between shots) drops to a maximum of approx. 4.8 shots/sec. with mechanical shutter and a maximum of approx. 6.8 shots/sec. for electronic first-curtain.
5. The continuous shooting speed in flash photography (with flash metering between shots) drops to a maximum of approx. 5.4 shots/sec. with mechanical shutter and a maximum of approx. 6.6 shots/sec. for electronic first-curtain.
6. Continuous Servo AF is not possible during a Custom high-speed continuous burst. Exposure and AF are locked at the settings used for the first shot in a high-speed sequence.

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

**When using the electronic shutter (at 30 fps)**

	Image Quality	File Size [Approx. MB]	Possible Shots [Approx.]	Maximum Burst [Approx.]		
				SD Card (UHS-I) <sup>1</sup>	SD Card [High-speed] (UHS-II) <sup>2</sup>	CFexpress Card <sup>3</sup>
JPEG	L	8.7	37560	410	530	540
	M	4.7	67860	530	530	530
	S1	3.2	99010	530	530	530
	S2	1.9	163960	530	530	530
HEIF	L	8.1	34800	420	450	460
	M	4.7	59400	560	560	580
	S1	3.4	85030	560	560	590
	S2	1.8	143310	560	570	590
RAW	RAW	29.3	11860	150	150	150
	C-RAW	15.1	24130	320	420	420
RAW+JPG <sup>4</sup>	RAW+L	29.3+8.7	9010	140	150	150
	C-RAW+L	15.1+8.7	14690	260	330	400
RAW+HEIF <sup>5</sup>	RAW+L	29.1+8.1	7970	140	150	150
	C-RAW+L	15.4+8.1	12240	290	290	290

**When using the mechanical shutter/electronic first-curtain (at 12 fps)**

	Image Quality	File Size [Approx. MB]	Possible Shots [Approx.]	Maximum Burst [Approx.]		
				SD Card (UHS-I) <sup>1</sup>	SD Card [High-speed] (UHS-II) <sup>2</sup>	CFexpress Card <sup>3</sup>
JPEG	L	8.7	37560	980	1000 or higher	1000 or higher
	M	4.7	67860	1000 or higher	1000 or higher	1000 or higher
	S1	3.2	99010	1000 or higher	1000 or higher	1000 or higher
	S2	1.9	163960	1000 or higher	1000 or higher	1000 or higher
HEIF	L	8.1	34800	950	1000 or higher	1000 or higher
	M	4.7	59400	1000 or higher	1000 or higher	1000 or higher
	S1	3.4	85030	1000 or higher	1000 or higher	1000 or higher
	S2	1.8	143310	1000 or higher	1000 or higher	1000 or higher
RAW	RAW	29.3	11860	160	290	1000 or higher
	C-RAW	15.1	24130	410	1000 or higher	1000 or higher
RAW+JPG <sup>4</sup>	RAW+L	29.3+8.7	9010	140	140	1000 or higher
	C-RAW+L	15.1+8.7	14690	300	770	1000 or higher
RAW+HEIF <sup>5</sup>	RAW+L	29.1+8.1	7970	150	170	300
	C-RAW+L	15.4+8.1	12240	310	600	600

- Using 32GB UHS-I SD Card
- Using 32GB UHS-II SD Card
- Using 32GB CFexpress card. All cards comply with Canon test standards.

**HDR Shooting and Movie Recording**

**HDR PQ Shooting**

Disable / Enable

**HDR PQ Shooting - Still**

Recording format	Bit depth	Color sampling method	HDR specification
HEIF	10 bit	YCbCr 4:2:2	ITU-R BT.2100 (PQ)

**HDR PQ Shooting - Movie**

Recording format	Bit depth	Color sampling method	HDR specification
mp4	10 bit	YCbCr 4:2:2	ITU-R BT.2100 (PQ)

Video Shooting																																																																				
<b>Focusing</b>	Dual Pixel CMOS AF																																																																			
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<b>Canon Log</b>	Provided (Off / Canon Log 3)																																																																			
<b>File Format</b>	<p><b>Standard Movie Recording</b></p> <table border="1"> <thead> <tr> <th>Canon Log 3</th> <th colspan="2">OFF</th> <th>ON</th> </tr> </thead> <tbody> <tr> <th>HDR PQ</th> <th>OFF</th> <th>ON</th> <th>OFF</th> </tr> <tr> <th>Container format</th> <td colspan="3">MP4</td> </tr> <tr> <th>Bit depth</th> <td>8 bit</td> <td>10 bit</td> <td>10 bit</td> </tr> <tr> <th>Compression</th> <td>H.264 / MPEG-4 AVC</td> <td>H.265 / HEVC</td> <td>H.265 / HEVC</td> </tr> <tr> <th>Video signal recording range</th> <td>Full range (0-255)</td> <td>Full range (0-1023)</td> <td>Full range (128-1020)</td> </tr> <tr> <th>Color sampling method</th> <td>YCbCr 4:2:0</td> <td>YCbCr 4:2:2</td> <td>YCbCr 4:2:2</td> </tr> <tr> <th>Standards compliance</th> <td>Rec.ITU-R BT.709</td> <td>Rec.ITU-R BT.2100</td> <td>-</td> </tr> <tr> <th>Color gamut</th> <td>Rec. 709</td> <td>Rec. 2020</td> <td>Rec. 709 / Rec. 2020 / Cinema Gamut</td> </tr> <tr> <th rowspan="2">Audio</th> <th>ALL-I / IPB</th> <td colspan="2">AAC / Linear PCM*</td> </tr> <tr> <th>IPB (light)</th> <td colspan="2">AAC</td> </tr> </tbody> </table> <p>* Selection of AAC and Linear PCM is supported [C.Fn 6: Audio compression]</p> <p><b>RAW Movie Recording</b></p> <table border="1"> <thead> <tr> <th>Canon Log 3</th> <th colspan="2">OFF</th> <th>ON</th> </tr> </thead> <tbody> <tr> <th>HDR PQ</th> <th>OFF</th> <th>ON</th> <th>OFF</th> </tr> <tr> <th>Container format</th> <td colspan="3">RAW (CRM)</td> </tr> <tr> <th>Bit depth</th> <td colspan="3">12 bit</td> </tr> <tr> <th>Audio</th> <td colspan="3">Linear PCM</td> </tr> <tr> <th>Simultaneous movie recording (4K DCI)</th> <td>MP4</td> <td colspan="2">MP4 (10 bit)</td> </tr> </tbody> </table>	Canon Log 3	OFF		ON	HDR PQ	OFF	ON	OFF	Container format	MP4			Bit depth	8 bit	10 bit	10 bit	Compression	H.264 / MPEG-4 AVC	H.265 / HEVC	H.265 / HEVC	Video signal recording range	Full range (0-255)	Full range (0-1023)	Full range (128-1020)	Color sampling method	YCbCr 4:2:0	YCbCr 4:2:2	YCbCr 4:2:2	Standards compliance	Rec.ITU-R BT.709	Rec.ITU-R BT.2100	-	Color gamut	Rec. 709	Rec. 2020	Rec. 709 / Rec. 2020 / Cinema Gamut	Audio	ALL-I / IPB	AAC / Linear PCM*		IPB (light)	AAC		Canon Log 3	OFF		ON	HDR PQ	OFF	ON	OFF	Container format	RAW (CRM)			Bit depth	12 bit			Audio	Linear PCM			Simultaneous movie recording (4K DCI)	MP4	MP4 (10 bit)	
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Canon Log: Off, HDR PQ: Off

Estimated  
Cumulative Data

Video Recording Size			Theoretical Time Capacity <sup>^</sup>			Bit Rate/File Size (approx.)
			64 GB	256 GB	1 TB	
6K RAW	59.94 fps 50.00 fps	RAW	3 min.	13 min.	50 min.	2600 Mbps 18728 MB/min.
		RAW (Light)	4 min.	18 min.	1 hr. 13 min.	1800 Mbps 13006 MB/min.
	29.97 fps 25.00 fps	RAW	4 min.	16 min.	1 hr. 6 min.	2000 Mbps 14376 MB/min.
	24.00 fps 23.98 fos	RAW	5 min.	21 min.	1 hr. 22 min.	1600 Mbps 11503 MB/min.
	29.97 fps 25.00 fps	RAW (Light)	9 min.	37 min.	2 hr. 26 min.	900 Mbps 6508 MB/min.
	24.00 fps 23.98fps	RAW (Light)	11 min.	46 min.	3 hr. 3 min.	720 Mbps 5209 MB/min.
4K DCI	59.94 fps 50.00 fps	ALL-I	8 min.	34 min.	2 hr. 13 min.	1000 Mbps 7164 MB/min.
		IPB	24 min.	1 hr. 39 min.	6 hr. 30 min.	340 Mbps 2443 MB/min.
		IPB (Light)	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps 1227 MB/min.
	29.97 fps 25.00 fps 24.00 fps 23.98 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps
		IPB	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps
		IPB (Light)	1 hr. 38 min.	6 hr. 34 min.	25 hr. 40 min.	85 Mbps 619 MB/min.
119.88 fps 100.00 fps	ALL-I	4 min.	18 min.	1 hr. 10 min.	1880 Mbps 13447 MB/min.	
4K UHD	59.4 fps 50.00 fps	ALL-I	8 min.	34 min.	2 hr. 13 min.	1000 Mbps
		IPB	24 min.	1 hr. 39 min.	6 hr. 30 min.	340 Mbps
		IPB	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps
	29.97 fps 25.00 fps 23.98 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps
		IPB	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps
		IPB (Light)	1 hr. 38 min.	6 hr. 34 min.	25 hr. 40 min.	85 Mbps 619 MB/min.
119.88 fps 100.00 fps	ALL-I	4 min.	18 min.	1 hr. 10 min.	1880 Mbps 13447 MB/min.	
Full HD	59.94 fps 50.00 fps	ALL-I	36 min.	2 hr. 27 min.	9 hr. 35 min.	230 Mbps 1656 MB/min.
		IPB	1 hr. 33 min.	6 hr. 12min.	24 hr. 16 min.	90 Mbps 655 MB/min.
		IPB (Light)	2 hr. 45 min.	11 hr. 2 min.	43 hr. 7 min.	50 Mbps 369 MB/min.
	29.97 fps 25.00 fps 23.98 fps	ALL-I	1 hr. 2 min.	4 hr. 9 min.	16 hr. 16 min.	135 Mbps 977 MB/min.
		IPB	3 hr. 3 min.	12 hr. 13 min.	47 hr. 45 min.	45 Mbps 333 MB/min.
		IPB (Light)	5 hr. 1 min.	20 hr. 7 min.	78 hr. 37 min.	28 Mbps 202 MB/min.
	239.76 fps* 200.00 fps*	ALL-I	12 min	50 min	3 hr. 16 min	680 Mbps 4864 MB/min
119.88 fps 100.00 fps	ALL-I	23 min.	1 hr. 34 min.	6 hr. 10 min.	360 Mbps 2575 MB/min.	

Canon Log: On, HDR PQ: On

Estimated Cumulative Data

Video Recording Size			Theoretical Time Capacity <sup>^</sup>			Bit Rate/File Size (approx.)
			64 GB	256 GB	1 TB	
6K RAW	59.94 fps 50.00 fps	RAW	3 min.	13 min.	50 min.	2600 Mbps
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	29.97 fps 25.00 fps	RAW (Light)	9 min.	37 min.	2 hr. 26 min.	900 Mbps 6508 MB/min.
	24.00 fps 23.98fps	RAW (Light)	11 min.	46 min.	3 hr. 3 min.	720 Mbps 5209 MB/min.
4K DCI	59.94 fps 50.00 fps	ALL-I	8 min.	34 min.	2 hr. 13 min.	1000 Mbps
		IPB	24 min.	1 hr. 39 min.	6 hr. 30 min.	340 Mbps
		IPB (Light)	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps 1227 MB/min.
	29.97 fps 25.00 fps 24.00 fps 23.98 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps 3373 MB/min.
		IPB	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps
		IPB (Light)	1 hr. 38 min.	6 hr. 34 min.	25 hr. 40 min.	85 Mbps 619 MB/min.
119.88 fps 100.00 fps	ALL-I	4 min.	18 min.	1 hr. 10 min.	1880 Mbps 13447 MB/min.	
4K UHD	59.4 fps 50.00 fps	ALL-I	8 min.	34 min.	2 hr. 13 min.	1000 Mbps
		IPB	24 min.	1 hr. 39 min.	6 hr. 30 min.	340 Mbps 2443 MB/min.
		IPB (Light)	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps 1227 MB/min.
	29.97 fps 25.00 fps 23.98 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps 3373 MB/min.
		IPB	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps 1227 MB/min.
		IPB (Light)	1 hr. 38 min.	6 hr. 34 min.	25 hr. 40 min.	85 Mbps 619 MB/min.
119.88 fps 100.00 fps	ALL-I	4 min.	18 min.	1 hr. 10 min.	1880 Mbps 13447 MB/min.	
Full HD	59.94 fps 50.00 fps	ALL-I	36 min.	2 hr. 27 min.	9 hr. 35 min.	230 Mbps 1656 MB/min.
		IPB	1 hr. 33 min.	6 hr. 12min.	24 hr. 16 min.	90 Mbps 655 MB/min.
		IPB (Light)	2 hr. 45 min.	11 hr. 2 min.	43 hr. 7 min.	50 Mbps 369 MB/min.
	29.97 fps 25.00 fps 23.98 fps	ALL-I	1 hr. 2 min.	4 hr. 9 min.	16 hr. 16 min.	135 Mbps 977 MB/min.
		IPB	3 hr. 3 min.	12 hr. 13 min.	47 hr. 45 min.	45 Mbps 333 MB/min.
		IPB (Light)	5 hr. 1 min.	20 hr. 7 min.	78 hr. 37 min.	28 Mbps 202 MB/min.
	239.76 fps* 200.00 fps*	ALL-I	9 min.	36 min.	2 hr. 21 min.	940 Mbps 6723 MB/min.
119.88 fps 100.00 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 43 min.	470 Mbps 3362 MB/min.	

**Disclaimers for:  
Estimated  
Cumulative Data**

- Bit rate indicates video output only, and meta data is not included.
- The same values apply to 4K DCI, 4K UHD, and Full HD whether [Movie cropping] is set to [Enable] or [Disable]
- Movie recording is interrupted if the maximum recording time per movie is reached.
- Sound is not recored for approx. the last two frames when the compression method for movie recording quality is IPB or IPB-Light (audio: AAC) or [C.Fn 4-2 Audio compression] is set to [Enable]. Moreover, the video and sound may be slightly out of sync when movies are played back in Windows.

\* Firmware version 1.2.0 or later

**Card Performance  
Requirements**

	Movie Recording Size		CFexpress Card	SD Card		
			8 bit / 10 bit	8 bit	10 bit	
<b>6K RAW</b>	59.94 fps 50.00 fps	RAW	CFexpress 2.0 Type-B [400MB/s or higher]			
		RAW (Light)				
	29.97 fps 25.00 fps	RAW				
	24.00 fps 23.98 fps	RAW				
	29.97 fps 25.00 fps	RAW (Light)	CFexpress 2.0 Type-B [200MB/s or higher]			
	24.00 fps 23.98 fps	RAW (Light)				
<b>4K</b>	59.94 fps 50.00 fps	ALL-I	CFexpress 2.0	UHS Speed Class 3 or higher	Video Speed Class V60 or higher	
		IPB				
		IPB (Light)				
	29.97 fps 25.00 fps 24.00 fps 23.98 fps	ALL-I		Video Speed Class V60 or higher		
		IPB				
		IPB (Light)				
119.88 fps 100.00 fps	ALL-I	CFexpress 2.0 Type-B [400MB/s or higher]				
<b>Full HD</b>	59.94 fps 50.00 fps	ALL-I	CFexpress 2.0	UHS Speed Class 3 or higher		
		IPB		SD Speed Class 10 or higher	SD Speed Class 3 or higher	
		IPB (Light)				
	29.97 fps 25.00 fps 23.98 fps	ALL-I		UHS Speed Class 3 or higher		
		IPB		SD Speed Class 6 or higher		
		IPB (Light)		SD Speed Class 4 or higher		
	239.76 fps 200.00 fps	ALL-I		CFexpress 2.0 Type-B (200MB/s or higher)	Video Speed Class V90 or higher	
	119.88 fps 100.00 fps	ALL-I		CFexpress 2.0	Video Speed Class V60 or higher	

LCD Screen																															
<b>Type</b>	TFT color, liquid-crystal monitor (Vari-angle design)																														
<b>Monitor Size</b>	3.2-inch (screen aspect ratio of 3:2) 3.15 in./8.01cm diagonal (2.63 in./6.67cm width, 1.75 in./4.44cm height)																														
<b>Dots</b>	Approx. 4.15 million dots																														
<b>Coverage</b>	Approx. 100% vertically/horizontally																														
<b>Brightness Control</b>	Manually adjustable to one of seven brightness levels																														
<b>Coating</b>	Clear View LCD II <ul style="list-style-type: none"> <li>• Anti-smudge coating applied.</li> <li>• Anti-reflection coating not applied.</li> </ul>																														
<b>Interface Languages</b>	29 (English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Ukraine, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Turkish, Arabic, Thai, Simplified/Traditional Chinese, Korean, Malay, Indonesian, Japanese)																														
Playback																															
<b>Display Format</b>	<table border="1"> <thead> <tr> <th>Item</th> <th>Still Photo</th> <th>Movie</th> </tr> </thead> <tbody> <tr> <td><b>Magnify zoom display</b></td> <td>1.5x–10x (15 levels)</td> <td>-</td> </tr> <tr> <td><b>AF point display</b></td> <td>Yes</td> <td>-</td> </tr> <tr> <td><b>Grid display</b></td> <td>Off / 3×3 / 6×4 / 3×3+diag</td> <td>-</td> </tr> <tr> <td><b>Rating</b></td> <td colspan="2">OFF / 1 to 5 Stars Select images / Select range / All images in folder / All images on card / All found images</td> </tr> <tr> <td><b>Image Search</b></td> <td colspan="2">Search conditions Rating / Date / Folder / Protect / Type of file (1) / Type of file (2)</td> </tr> <tr> <td><b>Protect</b></td> <td colspan="2">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</td> </tr> <tr> <td><b>In-camera RAW image processing</b></td> <td>Supported</td> <td>-</td> </tr> <tr> <td><b>Resizing</b></td> <td>Supported</td> <td>-</td> </tr> <tr> <td><b>Cropping</b></td> <td>Supported</td> <td>-</td> </tr> </tbody> </table>	Item	Still Photo	Movie	<b>Magnify zoom display</b>	1.5x–10x (15 levels)	-	<b>AF point display</b>	Yes	-	<b>Grid display</b>	Off / 3×3 / 6×4 / 3×3+diag	-	<b>Rating</b>	OFF / 1 to 5 Stars Select images / Select range / All images in folder / All images on card / All found images		<b>Image Search</b>	Search conditions Rating / Date / Folder / Protect / Type of file (1) / Type of file (2)		<b>Protect</b>	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		<b>In-camera RAW image processing</b>	Supported	-	<b>Resizing</b>	Supported	-	<b>Cropping</b>	Supported	-
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	<b>Resizing</b>	Supported	-																												
<b>Cropping</b>	Supported	-																													
<b>Highlight Alert</b>	The white areas with no image data will blink.																														
<b>Histogram</b>	Brightness and RGB																														
Quick Control Function																															
<b>Function</b>	The Quick Control screen is accessed by pressing the Quick Control button during still photo shooting.																														
Image Protection and Erase																															
<b>Protection</b>	(1) Single image (select image) (2) Select range (3) All images in a folder (4) All images on card <ul style="list-style-type: none"> <li>• Image browsing and image search can be based on ratings.</li> <li>• Ratings-based image selections also possible with DPP.</li> </ul> (5) All found images (only during image search)																														
<b>Erase</b>	Except protected images (1) Select images to erase (2) Select range (3) All images in folder (4) All images on card (5) All found images (only during image search)																														

Direct Printing																													
<b>Compatible Printers</b>	Not supported																												
DPOF: Digital Print Order Format																													
<b>DPOF</b>	Compliant to DPOF Version 1.1																												
Wi-Fi®																													
<b>Standards Compliance</b>	IEEE 802.11a/ac/b/g/n																												
<b>Transmission Method</b>	DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n/a/ac)																												
<b>Transition Frequency (Central Frequency)</b>	<p><b>2.4 GHz band</b> Frequency: 2412 to 2462 MHz Channels: 1 to 11 channels</p> <p><b>5 GHz band</b> Frequency: 5180 to 5825 MHz Channels: 36 to 165 channels</p>																												
<b>Connection Method</b>	(1) Camera access point mode (2) Infrastructure mode																												
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<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 depending on the Camera Connect specifications. Images can be sent to a smartphone.																												
<b>Remote Operation Using EOS Utility</b>	The camera can be controlled via Wi-Fi® using EOS Utility.																												
<b>Print from Wi-Fi® Printers</b>	Not supported.																												
<b>Send Images to a Web Service</b>	Still photos (RAW, C-Raw, HEIF, and JPEG) and movies (MP4) can be uploaded to image.canon server album. With the image.canon server, images can be sent to social media or a photo album link can be sent (by the image.canon specifications).																												



<p><b>Cloud RAW Image Processing via image.canon</b> (firmware 1.2.0 or higher)</p>	<p>Still RAW photos can be transferred to image.canon for RAW development using Deep Learning technology resulting in clearer images without losing detail through the reduction of noise, false color, moiré and jagged lines.</p> <p>*This feature requires a paid subscription (service begins July 25, 2022).</p>																				
<p><b>Bluetooth®</b></p>																					
<p><b>Standards Compliance</b></p>	<p>Bluetooth Specification Version 5.0 compliant (Bluetooth low energy technology)</p>																				
<p><b>Transmission Method</b></p>	<p>GFSK modulation</p>																				
<p><b>Customization</b></p>																					
<p><b>Custom Functions</b></p>	<p>34 Custom Functions are settable.</p>																				
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Control ring																					
<p><b>My Menu Registration</b></p>	<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="467 1650 1255 1938"> <tr> <td data-bbox="467 1650 813 1770"> <p>My Menu tab overall operations</p> </td> <td data-bbox="813 1650 1255 1770"> <ul style="list-style-type: none"> <li>• Add My Menu tab</li> <li>• Delete all My Menu tabs</li> <li>• Delete all items</li> <li>• Menu display (display method)</li> </ul> </td> </tr> <tr> <td data-bbox="467 1770 813 1938"> <p>My Menu tab detailed operations</p> </td> <td data-bbox="813 1770 1255 1938"> <ul style="list-style-type: none"> <li>• Selecting a registered item</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>	<p>My Menu tab overall operations</p>	<ul style="list-style-type: none"> <li>• Add My Menu tab</li> <li>• Delete all My Menu tabs</li> <li>• Delete all items</li> <li>• Menu display (display method)</li> </ul>	<p>My Menu tab detailed operations</p>	<ul style="list-style-type: none"> <li>• Selecting a registered item</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>	Equivalent to Hi-Speed USB (USB 3.2 Gen 2) <ul style="list-style-type: none"> <li>• Terminal type: USB Type-C</li> <li>• For computer communication / smartphone communication</li> <li>• For in-camera charging with USB Power Adapter PD-E1               <ul style="list-style-type: none"> <li>*Powering the camera while using PD-E1 is not supported</li> </ul> </li> <li>• For in-camera charging and powering the camera with non-Canon USB PD-compliant devices for which operation has been verified.</li> </ul>													
<b>Ethernet Terminal</b>	RJ-45 Terminal													
<b>Video Out Terminal</b>	HDMI micro OUT terminal Type D (Resolution switches automatically) / CEC not compatible <ul style="list-style-type: none"> <li>• Images can be displayed through the HDMI output and on screen at the same time.</li> <li>• Images will not be displayed unless [NTSC] or [PAL] is properly set according to the video system of the TV set.</li> </ul>													
<b>Clean HDMI output</b>	Provided													
<b>Microphone input terminal</b>	3.5mm diameter stereo mini jack													
<b>Headphone terminal</b>	3.5mm diameter stereo mini jack													
Power Source														
<b>Battery</b>	LP-E19 <ul style="list-style-type: none"> <li>• LP-E4 cannot be used</li> <li>• LP-E4N is also compatible, but charging with Battery Charger LC-E19 is not recommended, in consideration of safety standards for AV/ICT products (as described in IEC 62368-1).</li> </ul>													
<b>USB charging/ power conditions</b>	LP-E19 battery can be charged using USB Power Adapter PD-E1 while camera is turned OFF (LP-E4N is not supported).  Powering the camera while using PD-E1 is not supported.													
<b>AC Power Source</b>	<table border="1"> <tr> <td><b>AC adapter</b></td> <td>AC-E19</td> </tr> <tr> <td><b>DC coupler</b></td> <td>DR-E19</td> </tr> </table>	<b>AC adapter</b>	AC-E19	<b>DC coupler</b>	DR-E19									
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<b>Number of shots available</b>	<table border="1"> <thead> <tr> <th rowspan="2">Shooting Method</th> <th rowspan="2">Temperature</th> <th colspan="2">Battery Life (Approx. number of shots)</th> </tr> <tr> <th>Power Saving</th> <th>Smooth</th> </tr> </thead> <tbody> <tr> <td>Viewfinder</td> <td rowspan="2">+23°C / 73°F</td> <td>620</td> <td>440</td> </tr> <tr> <td>Screen</td> <td>860</td> <td>760</td> </tr> </tbody> </table>	Shooting Method	Temperature	Battery Life (Approx. number of shots)		Power Saving	Smooth	Viewfinder	+23°C / 73°F	620	440	Screen	860	760
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		Power Saving	Smooth											
Viewfinder	+23°C / 73°F	620	440											
Screen		860	760											
<b>Battery Check</b>	Automatic battery check when the power switch is turned ON. Displayed in 6 levels on top LCD panel. <ul style="list-style-type: none"> <li>• Battery level can be checked on the LCD panel and in the viewfinder.</li> </ul> Battery Info display in Set-up Menu: <ul style="list-style-type: none"> <li>• Type of power source used.</li> <li>• Remaining capacity (percentage of battery charge remaining).</li> <li>• Recharge performance: (3-level display of battery's ability to hold a charge)</li> </ul>													
<b>Start-up Time</b>	Approx. 0.4 sec. <ul style="list-style-type: none"> <li>• Based on CIPA testing standards.</li> </ul>													

Dimensions and Weight			
<b>Dimensions (W x H x D)</b>	Approx. 5.91 x 5.61 x 3.43 in. / 150 x 142.6 x 87.2mm • Based on CIPA standards.		
<b>Weight</b>	<b>Body (including battery and CFexpress card)</b> *Based on CIPA standards.	Approx. 2.24 lbs.	Approx. 1015g
	<b>Body only</b>	Approx. 1.81 lbs.	Approx. 822g
* Not including body cap, eyecup, or cover for the multi-function shoe.			
Operating Environment			
<b>Working Temperature Range</b>	32–104°F / 0–+40°C		
<b>Working Humidity Range</b>	85% or less		
Video Recording Times			
<b>Maximum durations of shooting until recording stops in respective modes by heat. (Max. approx.)<sup>1</sup></b>	<b>Format</b>	<b>Canon's measurement-condition: Recording begins from "cold start" at the ambient temperature of 23°C<sup>2</sup></b>	
		<b>Auto power off temperature: Standard</b>	<b>Auto power off temperature: High<sup>3,4</sup></b>
	<b>6K 60p RAW</b>	25 min.	60 min. or more
	<b>4K 120p ALL-I</b>	12 min.	
	<b>4K 60p (6K oversampling) ALL-I</b>	60 min. or more	
	<b>4K 30p (6K oversampling) ALL-I</b>	Not limited by heat	
	<b>Full HD 240p ALL-I</b>	14 min.	
<ol style="list-style-type: none"> <li>Confirmed with a 325GB card based on Canon's testing standard</li> <li>The maximum duration of shooting may be shorter under some circumstances even if recording begins from a "cold start", due to a rise in temperature inside the camera caused by pre-shooting camera setting operations or by prolonged use of the Live View mode. When the card is full, movie recording stops automatically. In this case, duration time when you erase the data and restart shooting.</li> <li>When set to "Auto power off temperature: High", the card can get very hot and may even cause burns when being removed from the card slot.</li> <li>Durations of shooting may not change between the [Standard] and [High] settings, depending on types of cards used.</li> </ol>			