



EOS R6

Mark II

| Type | |
|------------------------------|---|
| Type | Digital interchangeable lens, mirrorless camera |
| Image Processor | DIGIC X |
| Recording Media | (Two) SD card slots <ul style="list-style-type: none">• Compatible with UHS-II• Eye-Fi cards and Multimedia cards (MMC) are not supported. |
| Compatible Lenses | Canon RF lens group (including RF-S lenses) When using Mount Adapter EF-EOS R: Canon EF or EF-S lenses (excluding EF-M lenses) |
| Lens Mount | Canon RF mount |
| Image Sensor | |
| Type | Full-frame CMOS sensor (compatible with Dual Pixel CMOS AF) |
| Effective Pixels | Approx. 24.2 megapixels |
| Screen Size | Approx. 36.0 x 24.0 mm |
| Pixel Unit | Approx. 6.00 μm square |
| Total Pixels | Approx. 25.6 megapixels |
| Aspect Ratio | 3:2 (Horizontal: Vertical) |
| Color Filter System | 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">• Removes dust adhering to the low-pass filter.• 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).• After manually activated cleaning, the camera will automatically restart (Power OFF to ON).• When [Multi Shot Noise Reduction], [Multiple exposures], or [HDR mode] is set, [Clean now] and [Clean manually] cannot be selected. (2) Dust Delete Data acquisition and appending <ul style="list-style-type: none">• The coordinates of the dust adhering to the low-pass filter are detected by a test shot and appended to subsequent images.• The dust coordinate data appended to the image is used by the EOS software to automatically erase the dust spots.• Not available with RF-S/EF-S lenses, in cropped shooting, during focus bracket shooting, in FAW burst mode, or multiple-exposure shooting. (3) Manual cleaning (by hand) |

Recording System

Recording Format

Compliant to Design rule for Camera File system 2.0 and Exif 2.31*.
*Supports time difference information in Exif 2.31.

Image Format

JPEG, HEIF, RAW / C-RAW / Dual Pixel RAW/ RAW burst (CR3), C-RAW (Canon original) ;
Movies: ALL-I (Time-lapse video only), IPB (MP4)

File Size

| | Image Quality | File Size [Approx. MB] | Possible Shots [Approx.]* ¹ | Maximum Burst [Approx.]* | |
|------------------------|------------------|------------------------|--|-----------------------------|--|
| | | | | Standard Card* ¹ | High-speed Card* ² (UHS-II) |
| JPEG* ³ | L (fine) | 8.2 | 3700 | 540 | 1000 or more |
| | L (Normal) | 4.4 | 6820 | 1000 or more | 1000 or more |
| | M (fine) | 4.6 | 3360 | 1000 or more | 1000 or more |
| | M (Normal) | 2.6 | 11450 | 1000 or more | 1000 or more |
| | S1 (Fine) | 3.1 | 9820 | 1000 or more | 1000 or more |
| | S1 (Normal) | 1.9 | 12840 | 1000 or more | 1000 or more |
| | S2 | 1.8 | 16290 | 1000 or more | 1000 or more |
| HEIF* ⁴ | L (fine) | 8.3 | 3600 | 470 | 1000 or more |
| | L (Normal) | 6.3 | 4690 | 1000 or more | 1000 or more |
| | M (fine) | 5.0 | 5830 | 1000 or more | 1000 or more |
| | M (Normal) | 3.9 | 7400 | 1000 or more | 1000 or more |
| | S1 (Fine) | 3.5 | 8390 | 1000 or more | 1000 or more |
| | S1 (Normal) | 2.8 | 10270 | 1000 or more | 1000 or more |
| | S2 | 1.8 | 14250 | 1000 or more | 1000 or more |
| RAW | RAW | 26.1 | 1170 | 85 | 110 |
| | C-RAW | 13.2 | 2350 | 240 | 1000 or more |
| RAW+JPEG* ³ | RAW + L (fine) | 26.1 + 8.2 | 890 | 85 | 110 |
| | C-RAW + L (fine) | 13.2 + 8.2 | 1430 | 170 | 390 |
| RAW+HEIF* ⁴ | RAW + L (fine) | 28.6 + 8.3 | 820 | 85 | 95 |
| | C-RAW + L (fine) | 15.8 + 8.3 | 1260 | 160 | 180 |

* At H+ Drive setting (12 fps), using Mechanical or 1st-curtain Electronic shutter.

*1: Number of shots using a 32 GB card that conforms to Canon testing standards.

*2: Number of shots using a 32 GB UHS-II card that conforms to Canon testing standards.

*3: When set to [HDR shooting (HDR PQ): Disable].

*4: When set to [HDR shooting (HDR PQ): Enable].

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| File Numbering | <p>The following file numbers can be set:</p> <ol style="list-style-type: none"> 1. File numbering methods <ol style="list-style-type: none"> a. Continuous numbering <ol style="list-style-type: none"> i. The numbering of captured images continues even after you replace the card. b. Auto reset <ol style="list-style-type: none"> i. When you replace 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. 2. Manual reset <ol style="list-style-type: none"> a. Resets the file number to 0001, and creates a new folder automatically. <ul style="list-style-type: none"> * When manually resetting the file number, folders can also be renamed. |
| RAW + JPEG / HEIF Simultaneous Recording | Simultaneous recording of any combination of RAW/C-Raw and JPEG/HEIF image-recording quality is supported. |
| Color Space | Selectable between sRGB and Adobe RGB |
| Picture Style | <ol style="list-style-type: none"> (1) Auto (2) Standard (3) Portrait (4) Landscape (5) Fine Detail (6) Neutral (7) Faithful (8) Monochrome (9) User Defined 1–3 <ul style="list-style-type: none"> • In Scene Intelligent Auto, [Auto] will be set automatically. • [Standard] is the default setting for [User Def. 1–3]. |
| White Balance | |
| Settings | <ol style="list-style-type: none"> (1) Auto (Ambience priority/White priority) (2) Daylight (3) Shade (4) Cloudy*¹ (5) Tungsten light (6) White fluorescent light (7) Flash (8) Custom (Custom WB) (9) Color temperature*² <p>*1: Effective also in twilight and sunset. *2: White balance can be adjusted during movie recording.</p> |
| Auto White Balance | Option between ambience priority and white priority settings, using SET button |
| White Balance Shift | <p>Blue/amber bias: ±9 levels Magenta/green bias: ±9 levels</p> <ul style="list-style-type: none"> • Shifted from the color temperature of the current WB mode. • Blue/amber and magenta/green shift can be set at the same time. <p>WB Bracketing available, up to ±3 levels Blue/amber or magenta/green, via Quick Control Dial</p> |
| Viewfinder | |
| Type | OLED color electronic viewfinder; 0.5-inch, approx. 3.69 million dots |
| Coverage | Approx. 100% vertically and horizontally relative to the shooting image area (with image quality L, at approx. 23mm eyepoint). |
| Magnification / Angle of View | Approx. 0.76x / Approx. 35.2 degrees (with 50mm lens at infinity, -1 m ⁻¹) |
| Eye Point | Approx. 23mm (at -1 m ⁻¹ from the eyepiece lens end) |

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| Dioptric Adjustment Range | Approx. -4.0 to + 2.0 m ⁻¹ (dpt) |
| Viewfinder Information | <ul style="list-style-type: none"> (1) Maximum burst (2) Possible shots/Sec. until self-timer shoots (3) Focus Bracketing/ Multiple-exposure/HDR shooting/Multi Shot Noise Reduction/Bulb time/Interval timer (4) Shooting mode (5) AF method (6) AF operation (7) Image quality (8) Card (9) Drive mode (10) Metering mode (11) No. of remaining shots for focus bracketing, multiple exposures, or interval timer (12) Electronic level (13) Movie recording time available (14) Battery level (15) Image Stabilizer (IS mode) (16) Histogram (Brightness/RGB) (17) Quick Control button (18) Anti-flicker shooting (19) White balance/White balance correction (20) Picture style (21) Auto Lighting Optimizer (22) Still photo cropping / Aspect ratio (23) AF point (1-point AF) (24) AEB/FEB (25) View Assist (26) HDR PQ (27) Flash ready / FE lock / High-speed sync (28) Electronic shutter (29) Touch shutter / Create folder (30) AE lock (31) Shutter speed / Multi-function lock warning (32) Aperture value (33) Wi-Fi® function (34) Wi-Fi® signal strength (35) Bluetooth® function (36) Exposure simulation (37) Magnify button (38) ISO speed (39) Highlight tone priority (40) Exposure compensation (41) Exposure level indicator |
| Autofocus | |
| Focus Method | Dual Pixel CMOS AF |
| Number of AF zones available for Automatic Selection | <p>AF area: Horizontal: Approx. 100% x Vertical: Approx. 100% (100% x 100% AF coverage in Face Detect + Tracking AF; coverage can vary, depending upon lens being used)</p> <p>Stills: Max. 1053 zones (39 x 27) Movies: Max. 1053 zones (39 x 27)</p> |
| Selectable Positions for AF Point | <p>AF area: Horizontal: Approx. 90% x Vertical: Approx. 100%</p> <p>Stills: Max. 4897 positions (83 x 59) Movies: Max 4067 positions (83 x 49)</p> |

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| Focusing brightness range (still photo shooting) | EV -6.5 to 21 (with an f/1.2 lens,* center AF point, One-Shot AF at room temperature, and ISO 100) * Except RF lenses with a Defocus Smoothing (DS) coating. |
| Focusing brightness range (movie recording) | 4K: EV -4.0 to 21 Full HD: EV -4.5 to 21 (with an f/1.2 lens,* center AF point, One-Shot AF at room temperature, ISO 100, and 29.97 / 25.00 fps.) * Except RF lenses with a Defocus Smoothing (DS) coating. |
| Available AF Areas | <ul style="list-style-type: none"> • Spot AF • 1-point AF • Expand AF area: Above/below/left/right • Expand AF area: Around • Flexible Zone AF 1 • Flexible Zone AF 2 • Flexible Zone AF 3 • Whole area AF |
| Available Subject Detection | <ul style="list-style-type: none"> • Auto • People • Animals (dogs / cats / birds / horses) • Vehicles (motorsports cars or motorcycles / aircraft / trains) <p>* Certain types of animals or vehicles may not be detected, depending on shape and appearance</p> |
| Eye Detection | <p>Auto:</p> <ul style="list-style-type: none"> • Selects the eye closer to the camera (as detected from the angle of the face). • At the same distance from the camera, selects the eye closer to the center of the image. <p>Right Eye:</p> <ul style="list-style-type: none"> • Prioritizes the subject's right eye. <p>Left Eye:</p> <ul style="list-style-type: none"> • Prioritizes the subject's left eye. |
| Exposure Control | |
| Metering Modes | Real-time metering from CMOS image sensor (384 [24x16] metering zones) (1) Evaluative metering (AF point-linked) (2) Partial metering (approx. 5.9% of the area at the center of the screen) (3) Spot metering (approx. 3.0% of the area at the center of the screen) (4) Center-weighted average metering |
| Metering Range | EV -3 – 20 (at 73°F/23°C, ISO 100) (Still Photo Shooting) |
| Exposure Modes | <ol style="list-style-type: none"> (1) Scene Intelligent Auto (2) Hybrid Auto (3) Special Scenes (4) Creative Filters (5) Flexible-priority AE (6) Program AE (7) Shutter-priority AE (8) Aperture-priority AE (9) Manual Exposure (10) Bulb Exposure (11) Custom Shooting Modes C1, C2, C3 |

| ISO Speed Range | Manually Set | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|--------------------------------------|---|---------------------------------------|-------------------|--------------------|---------------|--------------|--------------|----------------|-------------------------|--|--|------------------|-------------------------|--|--|----------------------|---|---|---|---|-----------------------|-----------------------|--|
| | <table border="1"> <tr> <td>Normal</td> <td>ISO 100–102400 (in 1/3- or 1-stop increments)</td> </tr> <tr> <td>Expanded</td> <td>L: equivalent to ISO 50, H: 204800</td> </tr> </table> <ul style="list-style-type: none"> • For [Highlight tone priority], the settable ISO speed range will be ISO 200 to 102400. • Expanded ISO cannot be set for HDR mode or during HDR PQ shooting. | Normal | ISO 100–102400 (in 1/3- or 1-stop increments) | Expanded | L: equivalent to ISO 50, H: 204800 | | | | | | | | | | | | | | | | | | | | | | |
| | Normal | ISO 100–102400 (in 1/3- or 1-stop increments) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Expanded | L: equivalent to ISO 50, H: 204800 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISO Auto range settings in still photo shooting | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Auto Range</td> <td>ISO Speed</td> </tr> <tr> <td>Minimum</td> <td>ISO 100–51200 (in 1-stop increments)</td> </tr> <tr> <td>Maximum</td> <td>ISO 200–102400 (in 1-stop increments)</td> </tr> </table> | Auto Range | ISO Speed | Minimum | ISO 100–51200 (in 1-stop increments) | Maximum | ISO 200–102400 (in 1-stop increments) | | | | | | | | | | | | | | | | | | | | | |
| Auto Range | ISO Speed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minimum | ISO 100–51200 (in 1-stop increments) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum | ISO 200–102400 (in 1-stop increments) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ISO Auto details in still photo shooting | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th rowspan="2">Shooting mode</th> <th rowspan="2">No Flash</th> <th colspan="2">Using Flash</th> </tr> <tr> <th>Compatible Lens</th> <th>Incompatible Lens</th> </tr> </thead> <tbody> <tr> <td>Auto / Hybrid Auto</td> <td>ISO 100–25600</td> <td>ISO 100–6400</td> <td>ISO 100–1600</td> </tr> <tr> <td>Special Scenes</td> <td colspan="3">Varies by shooting mode</td> </tr> <tr> <td>Creative Filters</td> <td colspan="3">Varies by shooting mode</td> </tr> <tr> <td>Fv / P / Tv / Av / M</td> <td>ISO 100^{*1*2}–102400^{*2}</td> <td>ISO 100^{*1*2}–6400^{*2}</td> <td>ISO 100^{*1*2}–1600^{*2}</td> </tr> <tr> <td>B</td> <td>ISO 400^{*3}</td> <td colspan="2">ISO 400^{*3}</td> </tr> </tbody> </table> <p>*1: ISO 200 when set to [Highlight tone priority: Enable/Enhanced]. *2: Varies depending on the [Maximum] and [Minimum] settings for [Auto range]. *3: If outside the setting range, changed to the value closest to ISO 400.</p> | Shooting mode | No Flash | Using Flash | | Compatible Lens | Incompatible Lens | Auto / Hybrid Auto | ISO 100–25600 | ISO 100–6400 | ISO 100–1600 | Special Scenes | Varies by shooting mode | | | Creative Filters | Varies by shooting mode | | | Fv / P / Tv / Av / M | ISO 100 ^{*1*2} –102400 ^{*2} | ISO 100 ^{*1*2} –6400 ^{*2} | ISO 100 ^{*1*2} –1600 ^{*2} | B | ISO 400 ^{*3} | ISO 400 ^{*3} | |
| Shooting mode | No Flash | | | Using Flash | | | | | | | | | | | | | | | | | | | | | | | |
| | | Compatible Lens | Incompatible Lens | | | | | | | | | | | | | | | | | | | | | | | | |
| Auto / Hybrid Auto | ISO 100–25600 | ISO 100–6400 | ISO 100–1600 | | | | | | | | | | | | | | | | | | | | | | | | |
| Special Scenes | Varies by shooting mode | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Creative Filters | Varies by shooting mode | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fv / P / Tv / Av / M | ISO 100 ^{*1*2} –102400 ^{*2} | ISO 100 ^{*1*2} –6400 ^{*2} | ISO 100 ^{*1*2} –1600 ^{*2} | | | | | | | | | | | | | | | | | | | | | | | | |
| B | ISO 400 ^{*3} | ISO 400 ^{*3} | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposure Compensation | <table border="1"> <tr> <td>User-set</td> <td>±3 stops in 1/3- or 1/2-stop increments</td> </tr> <tr> <td>AEB</td> <td>±3 stops in 1/3- or 1/2-stop increments</td> </tr> </table> | User-set | ±3 stops in 1/3- or 1/2-stop increments | AEB | ±3 stops in 1/3- or 1/2-stop increments | | | | | | | | | | | | | | | | | | | | | | |
| User-set | ±3 stops in 1/3- or 1/2-stop increments | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AEB | ±3 stops in 1/3- or 1/2-stop increments | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AE Lock | <p>(1) Auto AE lock</p> <ul style="list-style-type: none"> • AE is locked as soon as subjects are in focus using One-Shot AF when set to selected metering mode in [C.Fn2: AE lock meter. mode after focus]. <p>(2) User-set AE lock</p> <ul style="list-style-type: none"> • Use the AE lock button (update by pressing the button again) in Fv, P, Tv, Av, and M mode. • Enabled in all metering modes. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shutter | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | <p>Electronically controlled focal-plane shutter</p> <p>(1) Electronic first curtain (2) Mechanical shutter (3) Electronic shutter*</p> <p>* Cannot be used in conjunction with the following functions: flash photography, HDR shooting, multiple exposures, Multi Shot Noise Reduction, AEB, HDR PQ, anti-flicker shooting, Dual Pixel RAW shooting, Digital Lens Optimizer [High].</p> <p>* A shutter release sound is not generated. However, note that the sounds other than the shutter release sound (aperture, focusing lens drive sound/electronic sound, etc.) may be generated.</p> <p>* In electronic shutter shooting under conditions such as flash firing by other cameras or with fluorescent lighting or other flickering light sources, a strip of light or banding due to the brightness difference may be recorded in the image.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shutter Speeds | <p>Mechanical / 1st-curtain Electronic shutter: 1/8000th sec – 30 seconds, in 1/3 or 1/2-step increments</p> <p>Electronic shutter: 1/8000th sec – 30 seconds, in 1/3 or 1/2-step increments (1/16,000th possible, if user-set in Tv or M shooting modes)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X-sync Speed | <p>Mechanical Shutter: 1/200 sec. Elec. 1st-curtain: 1/250 sec.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Shutter Release | Soft-touch electromagnetic release | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-----------------------|--------------------------|--------------------------|----------------------|-----------------|-----------------------|------------------------|--------------------|------------------------|--------|-------------|--------------------|-----|--|---------------|-------------------------|--|----------------------|---------------|--------------------------|--|---------------|------------------------|--|--|---------------|--------------------------|--------------------------|----------------------|---------------|--------------------------|--------------------------|---------------|------------------------|------------------------|--------------------------------------|--|--------------------------|--|---------------------|--|--|-----|--|--|---|--|-----|--|--|-------------------------------|--|-----|--|--|
| Self Timer | 10-sec. delay, 2-sec. delay, Continuous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Image Stabilization (IS mode) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Still Photo IS | In-body IS operation can be selected when using a non-IS lens. <ul style="list-style-type: none"> • Always on • Only for shot (no stabilization in viewfinder/LCD screen between shots) Coordinated IS when used with Canon RF or RF-S lenses having optical Image Stabilization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| External Speedlite | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accessory Shoe | Canon Multi-function accessory shoe <ul style="list-style-type: none"> • Optional Canon AD-E1 adapter required for conventional shoe-mount flashes and accessories | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-TTL balance | Ambience priority, standard, flash priority | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flash Exposure Compensation | ±3 stops in 1/3- or 1/2-stop increments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Continuous flash control | E-TTL each shot / E-TTL 1st shot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drive System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drive Modes and Continuous Shooting Speed | <table border="1"> <thead> <tr> <th>Drive Modes</th> <th>Operating Modes</th> <th>Mechanical Shutter</th> <th>Electronic 1st curtain</th> <th>Electronic shutter</th> </tr> </thead> <tbody> <tr> <td colspan="2">Single Shooting</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td rowspan="3">High-speed Continuous Shooting + *1</td> <td>Mode A</td> <td colspan="2">Approx. 12 shots/sec.*2</td> <td rowspan="3">Approx. 40 shots/sec</td> </tr> <tr> <td>Mode B</td> <td colspan="2">Approx. 9.2 shots/sec.*2</td> </tr> <tr> <td>Mode C</td> <td colspan="2">Approx. 6.6 shots/sec.</td> </tr> <tr> <td rowspan="3">High-speed Continuous Shooting *1</td> <td>Mode A</td> <td>Approx. 5.5 shots/sec.*2</td> <td>Approx. 7.0 shots/sec.*2</td> <td rowspan="3">Approx. 20 shots/sec</td> </tr> <tr> <td>Mode B</td> <td>Approx. 5.2 shots/sec.*2</td> <td>Approx. 6.6 shots/sec.*2</td> </tr> <tr> <td>Mode C</td> <td>Approx. 3.5 shots/sec.</td> <td>Approx. 4.3 shots/sec.</td> </tr> <tr> <td colspan="2">Low-speed Continuous Shooting</td> <td colspan="2">Approx. 3.0 shots/sec.*2</td> <td>Approx. 5 shots/sec</td> </tr> <tr> <td colspan="2">Self-timer: 10 sec / remote control</td> <td colspan="3">Yes</td> </tr> <tr> <td colspan="2">Self-timer: 2 sec / remote control</td> <td colspan="3">Yes</td> </tr> <tr> <td colspan="2">Self-timer: Continuous</td> <td colspan="3">Yes</td> </tr> </tbody> </table> | | | | Drive Modes | Operating Modes | Mechanical Shutter | Electronic 1st curtain | Electronic shutter | Single Shooting | | Yes | Yes | Yes | High-speed Continuous Shooting + *1 | Mode A | Approx. 12 shots/sec.*2 | | Approx. 40 shots/sec | Mode B | Approx. 9.2 shots/sec.*2 | | Mode C | Approx. 6.6 shots/sec. | | High-speed Continuous Shooting *1 | Mode A | Approx. 5.5 shots/sec.*2 | Approx. 7.0 shots/sec.*2 | Approx. 20 shots/sec | Mode B | Approx. 5.2 shots/sec.*2 | Approx. 6.6 shots/sec.*2 | Mode C | Approx. 3.5 shots/sec. | Approx. 4.3 shots/sec. | Low-speed Continuous Shooting | | Approx. 3.0 shots/sec.*2 | | Approx. 5 shots/sec | Self-timer: 10 sec / remote control | | Yes | | | Self-timer: 2 sec / remote control | | Yes | | | Self-timer: Continuous | | Yes | | |
| | Drive Modes | Operating Modes | Mechanical Shutter | Electronic 1st curtain | Electronic shutter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Single Shooting | | Yes | Yes | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | High-speed Continuous Shooting + *1 | Mode A | Approx. 12 shots/sec.*2 | | Approx. 40 shots/sec | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Mode B | Approx. 9.2 shots/sec.*2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Mode C | Approx. 6.6 shots/sec. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | High-speed Continuous Shooting *1 | Mode A | Approx. 5.5 shots/sec.*2 | Approx. 7.0 shots/sec.*2 | Approx. 20 shots/sec | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Mode B | Approx. 5.2 shots/sec.*2 | Approx. 6.6 shots/sec.*2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Mode C | Approx. 3.5 shots/sec. | Approx. 4.3 shots/sec. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Low-speed Continuous Shooting | | Approx. 3.0 shots/sec.*2 | | Approx. 5 shots/sec | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Self-timer: 10 sec / remote control | | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Self-timer: 2 sec / remote control | | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Self-timer: Continuous | | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>1. Continuous shooting speed is lower under certain shooting and measurement conditions: shutter speed, aperture value subject conditions, brightness, type of lens, timing when internal memory becomes full (temporarily disables shooting)</p> <ul style="list-style-type: none"> - Mechanical / electronic 1st curtain: use of flash, anti-flicker shooting: Enable, Dual Pixel RAW shooting- Enable, type of battery, battery level, temperature, use of a battery grip, use of WFT, use of built-in Wi-Fi. - Electronic shutter: State of aperture in continuous shooting <p>* With Certain lenses, zooming during continuous shooting with electronic shutter may cause changes in exposure even at the same f/number.</p> <p>2. Automatically switches among modes A (drive mode icon lit in green), B (drive mode icon lit in white), and C (drive mode icon flashing in white). Operating Mode is for reference only — automatically set by camera, is dependent on factors such as battery power level, battery type, and lens in use, and cannot be set by user.</p> <p>* For flash shooting, values for AE, flash metering, and WB do not change after the first shot.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDR Shooting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDR Shooting (HDR PQ) | Disable / Enable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Still Photo HDR PQ | <table border="1"> <thead> <tr> <th>Recording format</th> <th>Bit depth</th> <th>Color sampling method</th> <th colspan="2">HDR specification</th> </tr> </thead> <tbody> <tr> <td>HEIF</td> <td>10 bit</td> <td>YCbCr 4:2:2</td> <td colspan="2">ITU-R BT.2100 (PQ)</td> </tr> </tbody> </table> | | | | Recording format | Bit depth | Color sampling method | HDR specification | | HEIF | 10 bit | YCbCr 4:2:2 | ITU-R BT.2100 (PQ) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recording format | Bit depth | Color sampling method | HDR specification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEIF | 10 bit | YCbCr 4:2:2 | ITU-R BT.2100 (PQ) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|---|-------------------------------------|-------------------------------------|--|-----------------------------------|--|
| Movie HDR PQ | Recording format | Bit depth | Color sampling method | HDR specification | |
| | mp4 | 10 bit | YCbCr 4:2:2 | ITU-R BT.2100 (PQ) | |
| Continuous HDR Shooting (still images) | 1 shot only / Every shot | | | | |
| Video Shooting | | | | | |
| Shooting Times | Resolution and Frame Rate | Mode | Approx. Continuous Shooting Time*^{1,2,3} | | |
| | 4K 59.94p (without crop) | 100% sensor width (6K oversampling) | 40 min. or longer | | |
| | 4K 59.94p (crop) | APS-C Crop | 50 min. or longer | | |
| | 4K 29.97p (without crop) | 100% sensor width (6K oversampling) | No limit with heating | | |
| | Full HD 179.82p | 100% sensor width | 60 min. or longer | | |
| <p>*¹ Time available for continuous shooting in 23°C / 73°F environment, from a cold start. If the camera is in LV mode standby before shooting or the ambient temperature is high, the shooting time may be shorter.</p> <p>*² According to Canon measurement conditions when using UHS-II cards conforming to Canon testing standards.</p> <p>*³ The maximum duration of shooting may be shorter under some circumstances even if recording begins from "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.</p> | | | | | |
| File Format | Normal Movies | | | | |
| | Canon Log | OFF | | ON (Canon Log 3) | |
| | HDR PQ | OFF | ON | OFF | |
| | Container format | MP4 | | | |
| | Bit depth | 8 bit | 10 bit | | |
| | Compression | H.264 / MPEG-4 AVC | 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 | | |
| | 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 | IPB (Standard)* | AAC / Linear PCM | | |
| | | IPB (Light) | AAC | | |
| * Recording in AAC when [Audio compression] (C.Fn4) is set to [Enable] or Linear PCM when set to [Disable]. | | | | | |

H.264/AVC (Canon Log: Off, HDR PQ: Off)

| Video Recording Size | | | Total Recording Time (approx.) | | | Bit Rate/File Size (approx.) |
|-------------------------------------|-------------------------------------|----------------|--------------------------------|----------------|----------------|------------------------------|
| | | | 32 GB | 128 GB | 512 GB | |
| 4K UHD 4K UHD cropped | 59.94 fps 50.00 fps | IPB (Standard) | 18 min. | 1 hr.14 min. | 4 hr.56 min. | 230 Mbps 1647 MB/min. |
| | | IPB (Light) | 35 min. | 2 hr. 21 min. | 9 hr. 27 min. | 120 Mbps 860 MB/min. |
| | 29.97 fps 25.00 fps 23.98 fps | IPB (Standard) | 35 min. | 2 hr. 21 min. | 9 hr. 27 min. | 120 Mbps 860 MB/min. |
| | | IPB (Light) | 1 hr. 10 min. | 4 hr. 43 min. | 18 hr. 52 min. | 60 Mbps 431 MB/min. |
| 4K UHD (Time-lapse movie) | 29.97 fps 25.00 fps | ALL-I | 9 min. | 36 min. | 2 hr.25 min. | 470 Mbps 3362 MB/min. |
| Full UHD (High Frame Rate movie) | 172.82 fps 150.00 fps | IPB (Standard) | 23 min. | 1 hr.34 min. | 6 hr.19 min. | 180 Mbps 1287 MB/min |
| | | IPB (Light) | 40 min. | 2 hr.42 min. | 10 hr.50 min. | 105 Mbps 751 MB/min |
| | 119.88 fps 100.00 fps | IPB (Standard) | 35 min. | 2 hr. 22 min. | 9 hr. 28 min. | 120 Mbps 858 MB/min |
| | | IPB (Light) | 1 hr. 0 min. | 4 hr. 3 min. | 16 hr. 15 min. | 70 Mbps 501 MB/min |
| Full HD Full HD cropped | 59.94 fps 50.00 fps | IPB (Standard) | 1 hr. 10 min. | 4 hr. 43 min. | 18 hr. 52 min. | 60 Mbps 431 MB/min. |
| | | IPB (Light) | 2 hr. 0 min. | 8 hr. 3 min. | 32 hr. 15 min. | 35 Mbps 252 MB/min. |
| | 29.97 fps 25.00 fps 23.98 fps | IPB (Standard) | 2 hr. 20 min. | 9 hr. 23 min. | 37 hr. 35 min. | 30 Mbps 216 MB/min. |
| | | IPB (Light) | 5 hr. 47 min. | 23 hr. 11 min. | 92 hr. 47 min. | 12 Mbps 88 MB/min. |
| Full HD (Time-lapse movie) | 29.97 fps 25.00 fps | ALL-I | 47 min. | 3 hr. 9 min. | 12 hr. 38 min. | 90 Mbps 644 MB/min. |

Estimated Recording time, Movie Bit Rate and File Size

- * Bit rate only applies to video output, not audio or metadata.
- * Audio is recorded when [C.Fn4 audio compression:Enable] (Audio: AAC) is set.
- * Movie recording stops when the maximum recording time per movie is reached.
- * No audio is recorded for approx. the last two frames with the compression method for movie recording quality set to IPB (Standard) or IPB (Light) and the camera set to [C.Fn4 Audio compression: Enable]. Moreover, the video and sound may be slightly out of sync when movies are played back in Windows.
- * Mbps — megabits per second (8 megabits = 1 megabyte)

Estimated Recording Time, Continued.

H.265/HEVC (Canon Log: On or HDR PQ: On)

| Video Recording Size | | | Total Recording Time (approx.) | | | Bit Rate/File Size (approx.) |
|-------------------------------------|-------------------------------------|----------------|--------------------------------|---------------|----------------|------------------------------|
| | | | 32 GB | 128 GB | 512 GB | |
| 4K UHD 4K UHD cropped | 59.94 fps 50.00 fps | IPB (Standard) | 12 min. | 50 min. | 3 hr. 20 min.. | 340 Mbps 2434 MB/min. |
| | | IPB (Light) | 25 min. | 1 hr. 40 min. | 6 hr. 40 min. | 170 Mbps 1218 MB/min. |
| | 29.97 fps 25.00 fps 23.98 fps | IPB (Standard) | 25 min. | 1 hr. 40 min. | 6 hr. 40 min. | 170 Mbps 1218 MB/min. |
| | | IPB (Light) | 50 min. | 3 hr. 20 min. | 13 hr. 20 min. | 85 Mbps 610 MB/min. |
| 4K UHD (Time-lapse movie) | 29.97 fps 25.00 fps | ALL-I | 9 min. | 36 min. | 2 hr.25 min. | 470 Mbps 3362 MB/min. |
| Full UHD (High Frame Rate movie) | 172.82 fps 150.00 fps | IPB (Standard) | 15 min. | 1 hr. 3 min. | 4 hr. 12 min.. | 270 Mbps 1931 MB/min |
| | | IPB (Light) | 28 min. | 1 hr. 53 min. | 7 hr. 35 min. | 150 Mbps 1073 MB/min |
| | 119.88 fps 100.00 fps | IPB (Standard) | 23 min. | 1 hr. 34 min. | 6 hr. 19 min. | 180 Mbps 1287 MB/min |
| | | IPB (Light) | 42 min. | 2 hr. 50 min. | 11 hr. 22 min. | 100 Mbps 715 MB/min |
| Full HD Full HD cropped | 59.94 fps 50.00 fps | IPB (Standard) | 47 min. | 3 hr. 9 min. | 12 hr. 36 min. | 90 Mbps 646 MB/min. |
| | | IPB (Light) | 1 hr. 24 min. | 5 hr. 39 min. | 22 hr. 38 min. | 50 Mbps 360 MB/min. |
| | 29.97 fps 25.00 fps 23.98 fps | IPB (Standard) | 1 hr. 34 min. | 6 hr. 17 min. | 25 hr. 8 min. | 45 Mbps 324 MB/min. |
| | | IPB (Light) | 2 hr. 30 min. | 10 hr. 3 min. | 40 hr. 15 min. | 28 Mbps 202 MB/min. |
| Full HD (Time-lapse movie) | 29.97 fps 25.00 fps | ALL-I | 31 min. | 2 hr. 6 min. | 8 hr. 25 min. | 135 Mbps 966 MB/min. |

* Bit rate only applies to video output, not audio or metadata.

* Audio is recorded when [C.Fn4 audio compression:Enable] (Audio: AAC) is set.

* Movie recording stops when the maximum recording time per movie is reached.

31 min.

* No audio is recorded for approx. the last two frames with the compression method for movie recording quality set to IPB (Standard) or IPB (Light) and the camera set to [C.Fn4 Audio compression: Enable]. Moreover, the video and sound may be slightly out of sync when movies are played back in Windows.

* Mbps — megabits per second (8 megabits = 1 megabyte)

| | Movie Recording Size | | | SD Card | | |
|---------------------------------------|--|--|--------------------|---|---|--|
| | Resolution | Frame rate (fps) | Compression Method | H.264/ MPEG-4 AVC (Canon Log: OFF, HDR PQ: OFF) | H.264/ MPEG-4 AVC (Canon Log: ON, HDR PQ: ON) | |
| Card Performance Requirements | 4K UHD 4K UHD Cropped | 59.94 fps 50.00 fps | IPB (Standard) | UHS Speed Class 3 or higher | Video Speed Class V60 or higher | |
| | | | IPB (Light) | UHS Speed Class 3 or higher | | |
| | | 29.97 fps 25.00 fps 23.98 fps | IPB (Standard) | UHS Speed Class 3 or higher | | |
| | | | IPB (Light) | SD Speed Class 10 or higher | UHS Speed Class 3 or higher | |
| | 4K UHD (Time-lapse movie) | 29.97 fps 25.00 fps | ALL-I | Read speed of 60 MB/sec. or higher | | |
| | Full HD High Frame Rate movies | 179.82 fps 150.00 fps | IPB (Standard) | UHS Speed Class 3 or higher | Video Speed Class V60 or higher | |
| | | | IPB (Light) | UHS Speed Class 3 or higher | UHS Speed Class 3 or higher | |
| | | 119.88 fps 100.00 fps | IPB (Standard) | UHS Speed Class 3 or higher | | |
| | | | IPB (Light) | SD Speed Class 10 or higher | UHS Speed Class 3 or higher | |
| | Full HD Full HD cropped | 59.94 fps 50.00 fps | IPB (Standard) | SD Speed Class 10 or higher | UHS Speed Class 3 or higher | |
| | | | IPB (Light) | SD Speed Class 6 or higher | SD Speed Class 10 or higher | |
| | | 29.97 fps 25.00 fps 23.98 fps | IPB (Standard) | SD Speed Class 6 or higher | | |
| | | | IPB (Light) | SD Speed Class 4 or higher | | |
| | Full HD (Time-lapse movie) | 29.97 fps 25.00 fps | ALL-I | Read speed of 30 MB/s or higher | | |
| Video AF | Dual Pixel CMOS AF; Movie Servo AF available in AF Menu | | | | | |
| Exposure Compensation | ±3 stops in 1/3- or 1/2-stop increments | | | | | |
| Time Code | Yes (Count up, Start time setting, Movie recording count, Movie play count, HDMI time code on/off, HDMI rec. command on/off, Drop frame enable/disable) | | | | | |
| Movie Pre-recording (On/Off) | 3 or 5 seconds; user-selectable | | | | | |
| Time-lapse Movie Setting | Interval 2 sec – 99:59:59; Number of frames 2–3,600; Movie recording size 4K/Full HD; Auto exposure fixed @ first frame/auto for each frame; Beep per frame recorded (volume setting 0/silent – 5) | | | | | |
| Time-lapse Playback Frame Rate | 29.97 (set to NTSC); 25.00fps (set to PAL) | | | | | |
| LCD Screen | | | | | | |
| Type | TFT color, liquid-crystal monitor | | | | | |
| Monitor Size | 3.0-inch (screen aspect ratio of 3:2) 2.95 in./7.5cm diagonal (2.44 in./6.2cm width, 1.65 in./4.2cm height) | | | | | |
| Dots | Approx. 1.62 million dots | | | | | |
| Coverage | Approx. 100% vertically/horizontally | | | | | |
| Brightness Control | Manually adjustable to one of seven brightness levels | | | | | |

| Touch-screen Operation | Supported for AF Point selection; Touch AF; Touch Shutter; Menu selection; Quick Control Menu; Magnified view | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|---|-------------|-------|-----------------------------|----------------------|---|-------------------------|-----|---|---------------------|----------------------------|---|----------------------|---|-----|----------------------------|---|-----|---------------|---|--|---------------------|---|--|----------------|---|--|-------------------------------------|--|--|
| Coating | Clear View LCD II <ul style="list-style-type: none"> • Anti-smudge coating applied. • Anti-reflection coating not applied. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interface Languages | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Display Format | <table border="1"> <thead> <tr> <th>Item</th> <th>Still Photo</th> <th>Movie</th> </tr> </thead> <tbody> <tr> <td>Magnify zoom display</td> <td>1.5x–10x (15 levels)</td> <td>-</td> </tr> <tr> <td>AF point display</td> <td>Yes</td> <td>-</td> </tr> <tr> <td>Grid display</td> <td>Off / 3×3 / 6×4 / 3×3+diag</td> <td>-</td> </tr> <tr> <td>Zebra display</td> <td>-</td> <td>Yes</td> </tr> <tr> <td>False Color display</td> <td>-</td> <td>Yes</td> </tr> <tr> <td>Rating</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>Image Search</td> <td colspan="2">Search conditions Rating / Date / Folder / Protection / Type of file</td> </tr> <tr> <td>Protect</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>Shooting information display</td> <td colspan="2">No information display / Basic information display / Detailed shooting information display</td> </tr> </tbody> </table> | Item | Still Photo | Movie | Magnify zoom display | 1.5x–10x (15 levels) | - | AF point display | Yes | - | Grid display | Off / 3×3 / 6×4 / 3×3+diag | - | Zebra display | - | Yes | False Color display | - | Yes | Rating | OFF / 1 to 5 Stars Select images / Select range / All images in folder / All images on card / All found images | | Image Search | Search conditions Rating / Date / Folder / Protection / Type of file | | Protect | 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 | | Shooting information display | No information display / Basic information display / Detailed shooting information display | |
| | Item | Still Photo | Movie | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Magnify zoom display | 1.5x–10x (15 levels) | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AF point display | Yes | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Grid display | Off / 3×3 / 6×4 / 3×3+diag | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Zebra display | - | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | False Color display | - | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Rating | OFF / 1 to 5 Stars Select images / Select range / All images in folder / All images on card / All found images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Image Search | Search conditions Rating / Date / Folder / Protection / Type of file | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Protect | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shooting information display | No information display / Basic information display / Detailed shooting information display | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Highlight Alert | White areas without image data blink in single-image display. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histogram | Brightness / RGB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quick Control Function | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function | The Quick Control screen can be accessed by pressing the Quick Control button during shooting, recording, or playback. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quick Control Screen | The following settings are available for the [Quick Control screen] during movie recording. <ul style="list-style-type: none"> • View 1: Conventional Quick Control screen • View 2: Cinema EOS-style Quick Control screen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Image Protection and Erase | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection | (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"> • Image browsing and image search can be based on ratings. • Ratings-based image selections also possible with DPP. (5) All found images (only during image search) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Erase | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------------|---|------------|--|------------|-----------------------|---------------------|----------------------|-----|----------------------|------|--|---------|----------------|------|-----|---|--|---------|------------|-----|-------------------|----------------------------|------|------------------|------------------------------|-----|---|
| Compatible Printers | Direct printing from camera not supported | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DPOF: Digital Print Order Format | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DPOF | Compliant to DPOF Version 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wi-Fi® | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Standards Compliance | IEEE 802.11b/g/n/a/ac | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Transmission Method | DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n/a/ac) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Transition Frequency (Central Frequency) | 2.4 GHz band Frequency: 2412 to 2462 MHz Channels: 1 to 11 channels 5.0 GHz band Frequency: 5180 to 5825 MHz Channels: 36 to 165 channels | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connection Method | (1) Camera access point mode (2) Infrastructure mode | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Security | <table border="1"> <thead> <tr> <th rowspan="2">Connection Method</th> <th rowspan="2">Authentication</th> <th colspan="2">Encryption</th> </tr> <tr> <th>Encryption</th> <th>Key Format and Length</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Camera Access Point</td> <td>WPA2 / WPA3-Personal</td> <td>AES</td> <td>• ASCII 8 characters</td> </tr> <tr> <td>Open</td> <td></td> <td>Disable</td> </tr> <tr> <td rowspan="4">Infrastructure</td> <td rowspan="2">Open</td> <td>WEP</td> <td>• Hexadecimal 10 digits • Hexadecimal 26 digits • ASCII 5 characters • ASCII 13 characters</td> </tr> <tr> <td></td> <td>Disable</td> </tr> <tr> <td>Shared key</td> <td>WEP</td> <td>Same as WEP above</td> </tr> <tr> <td>WPA / WPA2 / WPA3-Personal</td> <td>TKIP</td> <td>1–127 characters</td> </tr> <tr> <td>WPA / WPA2 / WPA3-Enterprise</td> <td>AES</td> <td>—</td> </tr> </tbody> </table> | Connection Method | Authentication | Encryption | | Encryption | Key Format and Length | Camera Access Point | WPA2 / WPA3-Personal | AES | • ASCII 8 characters | Open | | Disable | Infrastructure | Open | WEP | • Hexadecimal 10 digits • Hexadecimal 26 digits • ASCII 5 characters • ASCII 13 characters | | Disable | Shared key | WEP | Same as WEP above | WPA / WPA2 / WPA3-Personal | TKIP | 1–127 characters | WPA / WPA2 / WPA3-Enterprise | AES | — |
| Connection Method | Authentication | | | Encryption | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Encryption | Key Format and Length | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Camera Access Point | WPA2 / WPA3-Personal | AES | • ASCII 8 characters | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Open | | Disable | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infrastructure | Open | WEP | • Hexadecimal 10 digits • Hexadecimal 26 digits • ASCII 5 characters • ASCII 13 characters | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Disable | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Shared key | WEP | Same as WEP above | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WPA / WPA2 / WPA3-Personal | TKIP | 1–127 characters | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WPA / WPA2 / WPA3-Enterprise | AES | — | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Communication with a Smartphone | <ul style="list-style-type: none"> • 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. • NFC connection: Not supported • Supported images: JPEG, HEIF, RAW/C-RAW, MP4 video files • Transcoding while sending: Size to send (original / reduced size); Quality to send (original / compressed) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remote Operation Using EOS Utility | The camera can be controlled via Wi-Fi® or USB, with Canon EOS Utility software installed in a compatible Mac or Windows computer. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Print from Wi-Fi® Printers | Not supported. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Send Images to a Web Service | image.canon: Video files (MP4) and JPEG, HEIF, RAW or C-RAW still images can be uploaded to image.canon servers. From image.canon, images can be sent to specific social media and 3rd-party cloud image services. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bluetooth® | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Standards Compliance | Bluetooth Specification Version 5.0 compliant (Bluetooth Low Energy technology) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|---------------------------------|--|--------------------------------|--|---------------------------------|---|-----------------|-------------------------------|---------------------|-----------------------|------------|------------------|----------------------|------------------------------|
| Transmission Method | GFSK modulation | | | | | | | | | | | | |
| Bluetooth Pairing | Smartphone — up to 10 devices; BR-E1 remote controller — 1 unit | | | | | | | | | | | | |
| Customization | | | | | | | | | | | | | |
| Available Functions | Dial direction during Tv/Av; Control ring rotation direction; Customize buttons; Customize dials | | | | | | | | | | | | |
| Video Calls / Streaming | | | | | | | | | | | | | |
| USB Video Class (UVC) | Available * The camera is accessible to software (such as Zoom™, MS Teams™, Skype™, etc.) on a computer once connected via USB. | | | | | | | | | | | | |
| Custom Controls | <p>Customizable Buttons</p> <table border="1"> <tr><td>Shutter button</td></tr> <tr><td>Movie button</td></tr> <tr><td>AF-ON button</td></tr> <tr><td>AE lock button</td></tr> <tr><td>AF point button</td></tr> <tr><td>Depth of field preview button</td></tr> <tr><td>Lens AF stop button</td></tr> <tr><td>Multi-function button</td></tr> <tr><td>Set button</td></tr> <tr><td>Multi-controller</td></tr> <tr><td>Lens function button</td></tr> <tr><td>Speedlite menu direct button</td></tr> </table> | Shutter button | Movie button | AF-ON button | AE lock button | AF point button | Depth of field preview button | Lens AF stop button | Multi-function button | Set button | Multi-controller | Lens function button | Speedlite menu direct button |
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| Movie button | | | | | | | | | | | | | |
| AF-ON button | | | | | | | | | | | | | |
| AE lock button | | | | | | | | | | | | | |
| AF point button | | | | | | | | | | | | | |
| Depth of field preview button | | | | | | | | | | | | | |
| Lens AF stop button | | | | | | | | | | | | | |
| Multi-function button | | | | | | | | | | | | | |
| Set button | | | | | | | | | | | | | |
| Multi-controller | | | | | | | | | | | | | |
| Lens function button | | | | | | | | | | | | | |
| Speedlite menu direct button | | | | | | | | | | | | | |
| Customizable Dials | <table border="1"> <tr><td>Main dial</td></tr> <tr><td>Quick control dial 1 & 2</td></tr> <tr><td>Lens Control ring</td></tr> </table> | Main dial | Quick control dial 1 & 2 | Lens Control ring | | | | | | | | | |
| Main dial | | | | | | | | | | | | | |
| Quick control dial 1 & 2 | | | | | | | | | | | | | |
| Lens Control ring | | | | | | | | | | | | | |
| My Menu Registration | <ul style="list-style-type: none"> • Up to six top-tier menu items and Custom Functions can be registered. • Up to five My Menu tabs can be added. <table border="1"> <tr> <td>My Menu tab overall operations</td> <td> <ul style="list-style-type: none"> • Adding a tab • Deleting tabs in a batch • Deleting all tab items • Setting the menu display </td> </tr> <tr> <td>My Menu tab detailed operations</td> <td> <ul style="list-style-type: none"> • Selecting a registered item • Sorting registered items • Deleting selected registered items • Deleting registered items in a batch • Deleting tabs • Changing a tab name (16 ASCII characters) </td> </tr> </table> | My Menu tab overall operations | <ul style="list-style-type: none"> • Adding a tab • Deleting tabs in a batch • Deleting all tab items • Setting the menu display | My Menu tab detailed operations | <ul style="list-style-type: none"> • Selecting a registered item • Sorting registered items • Deleting selected registered items • Deleting registered items in a batch • Deleting tabs • Changing a tab name (16 ASCII characters) | | | | | | | | |
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| Interface | | | | | | | | | | | | | |
| USB Terminal | <p>Equivalent to SuperSpeed Plus USB (USB 3.2 Gen 2)</p> <ul style="list-style-type: none"> • For PC communication • Terminal type: USB Type-C • Shared with terminal for in-camera charging with USB Power Adapter PD-E1. | | | | | | | | | | | | |
| HDMI Out Terminal | <p>HDMI micro OUT terminal (Type D)</p> <ul style="list-style-type: none"> • Supports HDMI RAW output to compatible HDMI external recorders, 4K 60p output, and (to HDR TVs) HDR PQ video output. • HDMI CEC not supported • Images may not be displayed unless [For NTSC] or [For PAL] is set correctly for the TV video system. | | | | | | | | | | | | |

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|----------------------------------|--|
| Clean HDMI Output | Provided |
| Microphone terminal | 3.5mm diameter stereo mini jack |
| Headphone terminal | Compatible with 3.5mm diameter stereo mini-plug |
| Power Source | |
| Battery | <p>Canon LP-E6NH battery pack (also compatible with LP-E6N and LP-E6 battery packs)</p> <ul style="list-style-type: none"> • With the AC Adapter AC-E6N + DC Coupler DR-E6, AC power is possible (AC Adapter Kit ACK-E6 can also be used). • With the USB Power Adapter PD-E1, in-camera charging of LP-E6NH is possible. The USB Power Adapter PD-E1 is not compatible with powering the camera. |
| Optional Battery Grip | <p>Compatible with Canon Battery Grip BG-R10 (Accepts one or two LP-E6NH, LP-E6N, or LP-E6 battery packs)</p> |
| Battery Check | <p>Automatic battery check with 6-level display when the power switch is turned ON. Displayed in 6 levels in viewfinder, and on LCD screen. Battery info display in Set-up Menu:</p> <ul style="list-style-type: none"> • Remaining capacity percentage • Shutter count, on current battery charge • Recharge performance (battery's ability to hold charge; displayed in 3 levels) |
| Start-up Time | <p>Approx. 0.4 sec.</p> <ul style="list-style-type: none"> • Based on CIPA testing standards. |
| Dimensions and Weight | |
| Dimensions (W x H x D) | <p>Approx. 5.45 x 3.87 x 3.48 in. / 138.4 x 98.4 x 88.4mm</p> <ul style="list-style-type: none"> • Based on CIPA standards. |
| Weight | <p>Approx. 1.5 lbs. / 670g (including battery, SD memory card; without body cap) Approx. 1.3 lbs. / 588g (body only; without battery, card or body cap)</p> |
| Operating Environment | |
| Working Temperature Range | 32–104°F / 0–40°C |
| Working Humidity Range | 85% or less |