Canon
SEE IMPOSSIBLE

EOS RP

Type	
Type	Digital single-lens non-reflex AF/AE camera
Recording Media	SD/SDHC/SDXC memory cards • SD card speed class-compatible. • UHS-I and II supported. • Use of UHS-II microSDHC/SDXC cards with a microSD to SD adapter is not recommended. When using UHS-II supported cards, use SDHC/SDXC cards compatible with UHS-II. • Eye-Fi cards not supported. • Multimedia cards (MMC) cannot be used.
Image Format	Approx. 35.9 x 24.0mm
Compatible Lenses	Canon RF lens group (excluding EF, EF-S and EF-M 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	CMOS sensor (compatible with Dual Pixel CMOS AF)
Effective Pixels	Approx. 26.2 megapixels
Pixel Unit	Approx. 5.76 µm square
Total Pixels	Approx. 27.1 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 • Removes dust adhering to the low-pass filter. • At power off only / Enable / Disable. Performed automatically (taking about 3.3 sec. as indicated on the screen) or manually (taking about 12.2 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 • 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 provided software to automatically erase the dust spots. • Not available with EF-S lenses, in cropped shooting or when distortion correction is applied. (3) Manual cleaning (by hand)

Recording System	
Recording Format	Compliant to Design rule for Camera File system 2.0 and Exif 2.3. Supports time difference information in Exif 2.31.
Image Format	JPEG, RAW (CR3, 14 bit RAW format), C-RAW (Canon original)
File Size	3:2 Aspect Ratio Large/RAW/C-RAW: 6240 x 4160 Medium: 4160 x 2768 Small 1: 3120 x 2080 Small 2: 2400 x 1600 1.6x (Crop) Large/RAW/C-RAW: 3888 x 2592 Small 2: 2400 x 1600 4:3 Aspect Ratio* Large/RAW/C-RAW: 5536 x 4160 Medium: 3680 x 2768 Small 1: 2768 x 2080* Small 2: 2112 x 1600* 16:9 Aspect Ratio* Large/RAW/C-RAW: 6240 x 3504 Medium: 4160 x 2336 Small 1: 3120 x 1752 Small 2: 2400 x 1344 1:1 Aspect Ratio Large/RAW/C-RAW: 4160 x 4160 Medium: 2768 x 2768 Small 1: 2080 x 2080 Small 2: 1600 x 1600 • Values for Recording Pixels are rounded to the nearest 100,000 or 10,000. • For RAW and JPEG images, information outside the cropping area is not retained. • JPEG images are generated in the set aspect ratio. • RAW images are generated in [3:2], and the set aspect ratio is appended. * Indicate an inexact proportion.
File Numbering	The following file numbers can be set: 1. File numbering methods a. Continuous numbering i. The numbering of captured images continues even after you replace the card. b. Auto reset 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 a. Resets the file number to 0001, and creates a new folder automatically.
RAW + JPEG Simultaneous Recording	Possible
Color Space	Selectable between sRGB and Adobe RGB

<table>
<tr><td>Picture Style</td><td>(1) Auto
(2) Standard
(3) Portrait
(4) Landscape
(5) Fine Detail
(6) Neutral
(7) Faithful
(8) Monochrome
(9) User Defined 1–3
• In Scene Intelligent Auto, [Auto] will be set automatically.
• [Standard] is the default setting for [User Def. 1–3].</td></tr>
<tr><td colspan="2">White Balance</td></tr>
<tr><td>Settings</td><td>(1) Auto (Ambience priority/White priority)
(2) Daylight
(3) Shade
(4) Cloudy*
(5) Tungsten light
(6) White fluorescent light
(7) Flash
(8) Custom (Custom WB)
(9) Color temperature
* Effective also in twilight and sunset.</td></tr>
<tr><td>Auto White Balance</td><td>Option between ambience priority and white priority settings.</td></tr>
<tr><td>Color Temperature Compensation</td><td>Blue/amber bias: ±9 levels
Magenta/green bias: ±9 levels
Corrected in reference to the current WB mode's color temperature.</td></tr>
<tr><td colspan="2">Viewfinder</td></tr>
<tr><td>Type</td><td>OLED color electronic viewfinder</td></tr>
<tr><td>Coverage</td><td>Approx. 100% vertically and horizontally relative to the shooting image area (with image quality L, at approx. 22mm eyepoint).
<table>
<tr><th rowspan="3">Image Quality</th><th colspan="5">Recording Pixels</th></tr>
<tr><th colspan="5">Still photo cropping / Aspect ratio</th></tr>
<tr><th>3:2</th><th>16:9 (Crop)</th><th>1:1</th><th>4:3</th><th>16:9</th></tr>
<tr><td>L/RAW/C-RAW</td><td>Approx. 26.0 megapixels (6240x4160)</td><td>Approx. 10.1 megapixels (3888x2592)</td><td>Approx.17.3 megapixels (4160x4160)</td><td>Approx. 23.0 megapixels (5536x4160)</td><td>Approx. 21.9 megapixels (6240x3504)</td></tr>
<tr><td>M</td><td>Approx. 11.5 megapixels (4160x2768)</td><td></td><td>Approx. 7.7 megapixels (2768x2768)</td><td>Approx. 10.2 megapixels (3680x2768)</td><td>Approx. 9.7 megapixels (4160x2336)</td></tr>
<tr><td>S1</td><td>Approx. 6.5 megapixels (3120x2080)</td><td></td><td>Approx. 4.3 megapixels (2080x2080)</td><td>Approx. 5.8 megapixels (2768x2080)</td><td>Approx. 5.5 megapixels (3120x1752)</td></tr>
<tr><td>S2</td><td>Approx. 3.8 megapixels (2400x1600)</td><td>Approx. 3.8 megapixels (2400x1600)</td><td>Approx. 2.6 megapixels (1600x1600)</td><td>Approx. 3.4 megapixels (2112x1600)</td><td>Approx. 3.2 megapixels (2400x1344)</td></tr>
</table>
* Values for Recording Pixels are rounded to the nearset 100,000th or 10,000th.
* For RAW and JPEG images, information outside the cropping area is not retained.
* JPEG images are generated in the set aspect ratio.
* RAW images are generated in [3:2], and the set aspect ratio is appended.
* Colored cells indicate an inexact proportion.</td></tr>
<tr><td>Magnification</td><td>Approx. 0.70 (with 50mm lens at infinity, -1 m^{-1})</td></tr>
<tr><td>Eye Point</td><td>Approx. 22mm (at -1 m^{-1} from the eyepiece lens end)</td></tr>
</table>

Dioptric Adjustment Range	Approx. -4.0 to +1.0 m^{-1} (dpt)
Viewfinder Information	(1) Movie recording time (2) Maximum burst (3) Possible shots/Sec. until self-timer shoots (4) Focus Bracketing/ Multiple-exposure/HDR shooting/Multi Shot Noise Reduction/Bulb time/Interval timer (5) Touch Shutter (6) AF method (7) AF operation (8) Drive mode (9) Metering mode (10) Anti-flicker shooting (11) Shooting mode/Scene icon (12) AE lock (13) Flash-ready/FE lock/High-speed sync (14) Shutter speed/Multi-function lock warning (15) Aperture (16) AF point (1-point AF (17) Exposure level indicator (18) Exposure compensation (19) Highlight tone priority (20) ISO speed (21) Create folder (22) Movie recording size (23) No. of shots left for focus bracketing/multiple exposures/interval timer (24) Temperature warning (25) Battery level (26) Exposure simulation (27) AEB/FEB (28) Magnify button (29) Still photo cropping (30) Aspect ratio (31) Auto Lighting Optimizer (32) Picture Style (33) White balance/White balance correction (34) Quick Control button (35) Image Quality (36) Bluetooth®/Wi-Fi® function (37) Wi-Fi® signal strength (38) Histogram (39) Electronic level (40) GPS acquisition status (41) Flash exposure compensation (42) Focus distance display
Autofocus	
Type	Phase-difference detection system with image sensor (Dual Pixel CMOS AF)
AF Points	Max. 4,779 When selected with cross keys.
AF Working Range	EV -5 to 18 (f/1.2, at 73°F/23°C, ISO 100, One-Shot AF)
Focusing Modes	(1) One-Shot AF (2) Servo AF (3) Manual (Manual focus)

<table>
<tr><td>AF Point Selection and AF Operation</td><td>
<table>
<tr><th>AF Method</th><th>AF Point Selection</th><th>AF Operation</th></tr>
<tr><td>Face+Tracking AF</td><td>Automatic selection (auto detection), or AF points can be set manually and freely in the AF area.</td><td>AF prioritizing subjects targeted by Face+Tracking. If no Face+Tracking subject is detected, the entire AF area is used for auto selection AF.</td></tr>
<tr><td>Spot AF*</td><td>Autofocuses targeting any specified AF points. (In an area 50% of the size of a 1-point AFzone.)</td><td>AF targeting specified AF points.
(If there are faces in the area, they take precedence.)</td></tr>
<tr><td>1-point AF</td><td>AF points can be set manually and freely in the AF area.</td><td>AF targeting specified AF points.
(If there are faces in the area, they take precedence.)</td></tr>
<tr><td>Expand AF Area
(Above, below, left and right/Around)</td><td>AF points can be set manually and freely in the AF area.</td><td>AF prioritizing specified AF points, supplemented by AF points above, below, left and right or around in the expansion area.
(If there are faces in the area, they take precedence.)</td></tr>
<tr><td>Zone AF*</td><td>Zones covering specific areas can be set manually and freely in the AF area.</td><td>Automatic AF point selection in the specified zone.
(Prioritizes subjects at close range, but any faces in the area take precedence.)</td></tr>
</table>
• AF points can be moved by touching the screen or using the Main Dial, Quick Control Dial or cross keys.
• *Not available in 4K movie recording.
</td></tr>
<tr><td>AF Assist Beam</td><td>(1) Enable
(2) Disable
(3) LED AF assist beam only
• Focus range with the AF-assist beam is generally no more than 11.5 ft. / 3.5 m (at f/5.6).
• Options restricted to [Enable] / [Disable in Basic Zone modes.
• [AF- assist beam firing] is set to [Disable] in Landscape, Panning, Kids, and Sports modes.</td></tr>
<tr><td colspan="2">Exposure Control</td></tr>
<tr><td>Metering Modes</td><td>Real-time metering with image sensor (384 [24x16])
(1) Evaluative metering (AF point-linked)
(2) Partial metering (approx. 5.5% of the area at the center of the screen)
(3) Spot metering (approx. 2.7% of the area at the center of the screen)
• AF point-linked spot metering not provided.
(4) Center-weighted average metering</td></tr>
<tr><td>Metering Range</td><td>EV -3 – 20 (at 73°F/23°C, ISO 100) (Still Photo Shooting)</td></tr>
<tr><td>Exposure Control Systems</td><td>(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</td></tr>
</table>

<table>
<tr><td>ISO Speed Range</td><td>
Manual
<table>
<tr><td>Normal</td><td>ISO 100 to 40000 (in 1/3-stop or whole-stop increments)</td></tr>
<tr><td>Expanded</td><td>L: equivalent to ISO 50, H1: 51200, H2: 102400</td></tr>
</table>
• For [Highlight tone priority], the settable ISO speed range will be ISO 200 to 40000.
• ISO speed safety shift possible with Custom Function.
• All the expanded ISO speeds, even for movies, are only “equivalent speeds.”

Auto
<table>
<tr><td rowspan="2">Shooting Mode</td><td colspan="2">ISO Settings</td></tr>
<tr><td>No Flash</td><td>With Flash</td></tr>
<tr><td>Scene Intelligent Auto</td><td>ISO 100–12800</td><td>ISO 100–1600</td></tr>
<tr><td>Fv/P/Tv/Av/M</td><td>ISO 100–40000*1</td><td>ISO 100–1600*1</td></tr>
<tr><td>Silent Mode</td><td>ISO 100-12800</td><td>-(Except with AF-assist beam)</td></tr>
<tr><td>B</td><td>ISO 400 fixed*1*2</td><td>ISO 400 fixed</td></tr>
</table>
*1 It depends on [Minimum] and [Maximum] of [ISO speed settings][Range for stills].
*2 If outside the range set for ISO Auto, the value nearset ISO 400 is used..
</td></tr>
<tr><td>Exposure Compensation</td><td>
<table>
<tr><td>Manual</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>
</td></tr>
<tr><td>AE Lock</td><td>(1) Auto AE lock
• The metering mode for AE lock after focus can be customized.
(2) Manual AE lock
• In the Fv, P, Tv, Av and M modes, enabled with the AE lock button. (Press again to update.)
• Enabled in all metering modes.</td></tr>
<tr><td colspan="2">Shutter</td></tr>
<tr><td>Type</td><td>Electronically controlled focal-plane shutter
(1) Electronic first curtain, mechanical second curtain
(2) Electronic shutter (slit rolling read out)</td></tr>
<tr><td>Shutter Speeds</td><td>1/4000 to 30 sec., bulb (total range of all shooting modes)
X-sync at 1/180 sec.</td></tr>
<tr><td>Shutter Release</td><td>Soft-touch electromagnetic release</td></tr>
<tr><td>Self Timer</td><td>10-sec. delay, 2-sec. delay, Continuous shooting</td></tr>
</table>

<table>
<tr><td>Shutter Lag Time</td><td>With SW-1 ON, time lag between SW-2 ON
<table><tr><th>Drive Mode</th><th>Silent LV Shooting</th><th>Release Time Lag</th></tr><tr><td rowspan="2">Single Shooting</td><td>No flash</td><td>Approx. 55 ms</td></tr><tr><td>Flash</td><td>Approx. 147 ms</td></tr><tr><td>Silent Shutter</td><td>–</td><td>Approx. 55 ms</td></tr></table>
With the aperture stopped down by 3 stops or less from the open aperture.
If the SW-1 and SW-2 are pressed simultaneously, release time lag will be long.
The release time lag may become further longer depending on shooting conditions, such as when shooting in a dark environment.</td></tr>
<tr><td colspan="2">External Speedlite</td></tr>
<tr><td>Flash Metering</td><td>E-TTL II auto flash</td></tr>
<tr><td>Flash Exposure Compensation</td><td>±3 stops in 1/3- or 1/2-stop increments</td></tr>
<tr><td>FE Lock</td><td>Provided</td></tr>
<tr><td>External Flash Settings</td><td>The camera can set the following with EL and EX series Speedlites:
(1) External flash control
• Flash firing, E-TTL II Flash metering, Slow synchro, Safety FE, Flash mode, Wireless function, Flash zoom, Shutter synchronization and Flash exposure compensation
(2) Flash Custom Function setting
• The setting options for both (1) and (2) will differ depending on the Speedlite used.</td></tr>
<tr><td colspan="2">Drive System</td></tr>
<tr><td>Drive Modes and Continuous Shooting Speed</td><td>(1) Single shooting
(2)High-speed continuous shooting
• Max. approx. 5.0 fps
The conditions are attaining the maximum continuous shooting speed are as follows:
Shooting with a fully charged battery in One-Shot AF mode at a 1/500 sec. or faster shutter speed and maximum aperture (depending on the lens), at room temperature (73°F/23°C), without flicker reduction, or image stabilization (depending on the lens).
The continuous shooting speed for high-speed continuous shooting may be lower, depending on conditions such as these: battery level, temperature, flicker reduction, Dual Pixel RAW shooting, shutter speed, aperture, subject conditions, brightness, AF operation, type of lens, use of flash and shooting settings.
• With Servo AF: Max. approx. 4.0 fps (shooting speed priority)
• When set to reduce flicker: Max. approx. 4.0 fps
• In flash photography: Max. approx. 2.3 fps
(3) Low-speed continuous shooting (Tracking priority)
• Max. approx. 2.6 fps
(4) Self-timer: 10 sec./remote control
(5) Self-timer: 2 sec./remote control
(6) Self-timer: Continuous Shooting</td></tr>
</table>

Maximum Burst

Image Quality	Image File Size (approx. MB)	Possible Shots (approx.)	Maximum Burst (approx.)	
			Standard	High-speed (UHS-II)
Large (Fine)	9.1	3320	Full	Full
Large (Normal)	4.9	6060	Full	Full
Medium (Fine)	5.1	5820	Full	Full
Medium (Normal)	2.9	10280	Full	Full
Small 1 (Fine)	3.4	8750	Full	Full
Small 1 (Normal)	2.0	14620	Full	Full
Small 2	1.9	15760	Full	Full
RAW	29.1	1040	50	Full
C-RAW	17.1	1780	130	Full
RAW + Large (Fine)	29.1 + 9.1	790	42	98
C-RAW + Large (Fine)	17.1 + 9.1	1160	66	170

- The number of possible shots and maximum burst (standard) apply to a 32GB card based on Canon's testing standards. The maximum burst (High-speed) apply to a 32GB card based on Canon's testing standards.
- The file size, number of possible shots and maximum burst vary depending on shooting conditions (aspect ratio, subject, memory card brand, ISO speed, Picture Style, Custom Function, etc.)
- "Full" indicates that shooting is possible until the card becomes full.

Live View Functions

Shooting Modes

Still photo shooting and video shooting

Focusing

(1) Dual Pixel CMOS AF
(2) Contrast AF (When recording 4K movies)
(3) Manual focus
- Magnified view possible by approx. 5x or 10x for manual focusing (not possible during movie shooting).
- With Contrast AF as used when recording 4K movies, focusing may take longer than when recording Full HD or HD movies, and focusing with certain lenses may be difficult.

Metering Modes

(1) Center-weighted average metering
- Metering brightness range: EV -1 – 20 (at 73°F/23°C, ISO 100) (Video)

(2) AF point-linked evaluative metering
- For face detection with Face detection + Tracking AF.

Metering Range

EV -2.5 – 18 (f/1.2, center AF point, at 73°F/23°C, ISO 100, One-Shot AF, with 29.97 fps) (When Recording movies)

Grid Display

(1) 3x3
(2) 6x4
(3) 3x3+diagonals

Video Shooting

File Format

MP4
Video: MPEG-4 AVC / H.264
- Variable (averaged) bit rate*

Audio:
Linear PCM
AAC

*For video snapshots and HDR movies are fixed at AAC, and for movie auto exposures and for movie manual exposures, AAC or Linear PCM in [C.Fn III-9] is selectable.

Video Recording Size and Frame Rates

Movie-recording Quality		
4K (UHD) 3840 X 2160	23.98 fps	IPB
Full HD 1920 x 1080	59.94 fps	IPB
	29.97 fps 23.98 fps	IPB
		IPB (Light)
HD 1280 x 720	59.94 fps	IPB
	29.97 fps	IPB

- Full HD not available with EF-S lenses or with moving cropping.
- Outputted in 4K (UHD) resolution through image processing.

Continuous Shooting Time

Video Recording Size			Total Recording Time (approx.)			Bit Rate/File Size (approx.)
			8GB	32GB	128GB	
4K (UHD) 3840 x 2160	23.98 fps 25.00 fps	IPB	8 min.	35 min.	2 hr.20 min.	120 Mbps 869 MB/min.
Full HD 1920 x 1080	59.94 fps 50.00 fps	IPB	17 min.	1 hr. 09 min.	4 hr. 37 min.	60 Mbps 440 MB/min.
	29.97 fps 23.98 fps 25.00 fps HDR Movies	IPB	33 min.	2 hr. 15 min.	9 hr. 01 min.	30 Mbps 225 MB/min.
	29.97 fps 25.00 fps	IPB (Light)	1 hr. 26 min.	5 hr. 47 min.	23 hr. 11 min.	12 Mbps 87 MB/min.
HD 1280 x 720	59.94 fps 50.00 fps	IPB	38 min.	2 hr. 34 min.	10 hr. 19 min.	26 Mbps 196 MB/min.
	29.97 fps 25.00 fps HDR Movies	IPB	1 hr. 13 min.	4 hr. 53 min.	19 hr. 34 min.	13 Mbps 103 MB/min.

- Bit rate indicates video output only; audio is not included.
- Video recording is interrupted if the maximum recording time per video, 29 min. 59 sec., is exceeded.
- When movie crop shooting is set to [Disable] or movie digital IS is set to [Disable].
- There is no restriction to automatically stop movie shooting even when the file size reaches 4GB.
- Sound is not recorded for approx. the last two frames when the compression method for movie recording quality is IPB or IPB Light (audio: AAC) and [C .Fn III-9: Audio compression] is set to [Enable]).
- When you play back movies on Windows, movie images and sound may become slightly out of synchronization.

Focusing

(1) Dual Pixel CMOS AF
(2) Manual focus
- Magnified view possible by approx. 5x or 10x for manual focusing (not possible during movie shooting).

Range

Full range (0 to 255)

Exposure Control

Shooting Mode	Shutter Speed (sec.)		Aperture	
	Auto	Manual	Auto	Manual
Movie Auto Exposure	Yes	—	Yes	—
Movie Manual Exposure	—	Yes	—	Yes

Shutter Speed

Frame Rate	Settable Shutter Speeds		
	Movie Auto Exposure	Movie Manual Exposure	HDR Movie
59.94 fps	1/4000 to 1/60	1/4000 to 1/8	--
50.00 fps	1/4000 to 1/50		--
29.97 fps	1/4000 to 1/30		1/4000 to 1/60
25.00 fps	1/4000 to 1/25		1/4000 to 1/50
23.98 fps	1/4000 to 1/25		--

ISO Speed (Recommended Exposure Index)

Shooting Mode	ISO Speed	Full HD / HD		4K	
		Auto	Manual	Auto	Manual
Movie Auto Exposure	Normal ISO Speed Range	100 to 25600	—	100 to 12800	—
	Maximum expanded ISO Speed	H2 (102400)	—	H2 (102400)	—
Movie Manual Exposure	Normal ISO Speed Range	100 to 25600	100 to 25600	100 to 12800	100 to 12800
	Expanded ISO Speed Range	H2 (102400)	H2 (102400)	H2 (102400)	H2 (102400)
HDR Movie		100 to 25600	—	—	—
Time-lapse Movie	Normal ISO	100 to 25600	100 to 25600	100 to 12800	100 to 12800

- Auto setting of ISO speed
  Even if ISO speed range is altered with [ISO speed settings], the setting is not effective for the normal ISO speed range.
  [ISO speed settings] is effective to set the maximum ISO speed for the ISO expansion.
- Manual setting of ISO speed
  Normal ISO speed range and Maximum ISO speed with the ISO expansion can be manually set within the range set with [ISO speed settings].
- Expanded ISO speeds: H1 (ISO 51200 equivalent), H2 (ISO 102400 equivalent). Note that L (ISO 50) cannot be set.
- The expanded ISO speeds are only “equivalent” ISO speeds.
- For HDR movie shooting, an expanded ISO speed cannot be set. The maximum will be ISO 200.

Exposure Compensation

±3 stops in 1/3- or 1/2-stop increments

LCD Monitor

Type

TFT color, liquid-crystal monitor

Monitor Size

3.0-inch (screen aspect ratio of 3:2)
2.95 in./7.50cm diagonal (2.46 in./6.24cm width, 1.64 in./4.16cm height)

Dots

Approx. 1.04 million dots

Coverage

Approx. 100% vertically/horizontally

Brightness Control	Manually adjustable to one of seven brightness levels
Coating	Clear View LCD II • 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	(1) Single-image display • No information display • Basic information display • Detailed shooting information display Detailed information Lens/Histogram information White balance information Picture Style information 1 Picture Style information 2 Color space/Noise reduction information Lens aberration correction information 1 Lens aberration correction information 2 Record of sent images GPS information Display selection is available for Basic information display and Shooting information display. (2) Index display • 4-image index • 9-image index • 36-image index • 100-image index
Highlight Alert	The white areas with no image data will blink.
Histogram	Brightness and RGB
Quick Control Function	
Function	The Quick Control screen is accessed by pressing the Quick Control button during still photo shooting.
Image Protection and Erase	
Protection	(1) Single image (select image) (2) Select range (3) All images in a folder (4) All images on card • 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	Images can be sent via Wi-Fi® to a PictBridge-compatible (Wireless LAN) printer and printed.
DPOF: Digital Print Order Format	
DPOF	Compliant to DPOF Version 1.1

Wi-Fi®

Standards Compliance	IEEE 802.11b/g/n
Transmission Method	DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n)
Transition Frequency (Central Frequency)	Frequency: 2412 to 2462 MHz Channels: 1 to 11 channels
Connection Method	(1) Camera access point mode (2) Infrastructure mode
Security	See table below

Connection Method	Authentication	Encryption	
		Encryption	Key Format and Length
Camera Access Point	WPA2-PSK	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-PSK	TKIP AES	• Hexadecimal 64 digits • ASCII 8–63 characters
	WPA2-PSK		

Communication with a Smartphone	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.
Remote Operation Using EOS Utility	The camera can be controlled via Wi-Fi® using EOS Utility.
Print from Wi-Fi® Printers	Images can be sent to a Wi-Fi® printer compliant to PictBridge (wireless LAN).
Send Images to a Web Service	Still photos (JPEG) and movies (MP4) can be uploaded to a CiG (CANON iMAGE GATEWAY) album. With the CiG service, images can be sent to social media or a photo album link can be sent (by the CiG specifications). A link to a CiG album can be emailed.

Bluetooth®

Standards Compliance	Bluetooth Specification Version 4.1 compliant (Bluetooth low energy technology)
Transmission Method	GFSK modulation

Customization

Custom Functions	23 Custom Functions are settable.

<table>
<tr><td>Custom Controls</td><td>Customizable Buttons
<table>
<tr><th>Still Photo Shooting</th><th>Movie Shooting</th></tr>
<tr><td>Shutter button</td><td>Multi-function button</td></tr>
<tr><td>Movie button</td><td>AF-ON button</td></tr>
<tr><td>Multi-function button</td><td>AE lock button</td></tr>
<tr><td>AF-ON button</td><td>AF point selection button</td></tr>
<tr><td>AE lock button</td><td>Lens AF stop button</td></tr>
<tr><td>AF point button</td><td>Up key (cross keys)</td></tr>
<tr><td>Lens AF stop button</td><td>Left key</td></tr>
<tr><td>Up key (cross keys)</td><td>Right key</td></tr>
<tr><td>Left key</td><td>Down key</td></tr>
<tr><td>Right key</td><td>SET button</td></tr>
<tr><td>Down key</td><td></td></tr>
<tr><td>SET button</td><td></td></tr>
</table></td></tr>
<tr><td></td><td>Customizable Dials
<table>
<tr><td>Main dial</td></tr>
<tr><td>Quick control dial</td></tr>
<tr><td>Control ring</td></tr>
</table></td></tr>
<tr><td>My Menu Registration</td><td>• Up to six top-tier menu items and Custom Functions can be registered.
• Up to five My Menu tabs can be added.
<table>
<tr><td>My Menu tab overall operations</td><td>• 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>• 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></td></tr>
<tr><td colspan="2">Interface</td></tr>
<tr><td>USB Terminal</td><td>Equivalent to Hi-Speed USB (USB 2.0)
• For PC communication
• Terminal type: USB Type-C
• Shared with terminal for in-camera charging with USB Power Adapter PD-E1.
•In-camera Charging: Equivalent to USB type-C (5 V/1.5 A), but use should be restricted to USB Power Adapter PD-E1.</td></tr>
<tr><td>Video Out Terminal</td><td>Type C (Resolution switches automatically) / CEC not compatible
• Images can be displayed through the HDMI output and on screen at the same time.
• Images will not be displayed unless [NTSC] or [PAL] is properly set according to the video system of the TV set.</td></tr>
<tr><td>Extension System Terminal</td><td>3.5mm diameter stereo mini jack</td></tr>
<tr><td colspan="2">Power Source</td></tr>
</table>

<table>
<tr><td>Battery</td><td>Battery Pack LP-E17x 1
• With the AC Adapter + DC Coupler, AC power is possible.
• With the USB Power Adapter PD-E1, in-camera charging of LP-E17 is possible. The USB Power Adapter PD-E1 is not compatible with powering the camera.</td></tr>
<tr><td>Number of Possible Shots (Approx. Shots)</td><td>
<table>
<tr><th>Shooting Method</th><th>Temperature</th><th>Possible Shots</th></tr>
<tr><td rowspan="2">Screen</td><td>Room Temperature (73°F / 23°C)</td><td>250</td></tr>
<tr><td>Low Temperatures (32°F / 0°C)</td><td>240</td></tr>
<tr><td>Screen (Eco Mode: On)</td><td>Room Temperature (73°F / 23°C)</td><td>270</td></tr>
<tr><td rowspan="2">Viewfinder (EVF) (Smooth)</td><td>Room Temperature (73°F / 23°C)</td><td>210</td></tr>
<tr><td>Low Temperatures (32°F / 0°C)</td><td>200</td></tr>
<tr><td rowspan="2">Viewfinder (EVF) (Power saving)</td><td>Room Temperature (73°F / 23°C)</td><td>250</td></tr>
<tr><td>Low Temperatures (32°F / 0°C)</td><td>240</td></tr>
</table>
• Based on CIPA testing standards.
• Using a fully charged Batter Pack LP-E17</td></tr>
<tr><td>Battery Check</td><td>Automatic battery check when the power switch is turned ON.
Displayed in 4 levels.
• Battery level can be checked on the LCD panel and in the viewfinder.
•Type of power source used.
•Remaining capacity (3 level battery capacity indicator).
•Recharge performance.</td></tr>
<tr><td>Power Saving</td><td>Power turns off after the set time of non-operation elapses.

Display off
Available time options: 15 sec. / 30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min.

Auto power off
Available time options: 30 sec. / 1 min. / 3 min. / 5 min. / 10 min.

Disable
Viewfinder off
Available time options: 1 min. / 3 min. / Disable
• At least approx. 6 min. until auto power off while the [Date/Time/Zone] screen is displayed.</td></tr>
<tr><td>Date/Time Battery</td><td>Built-in secondary battery
When fully-charged, the date/time can be maintained for approx. 3 months
• Recharge time: approx. 8 hrs.
The recharge time required to provide the above number of months with no battery pack installed.</td></tr>
<tr><td>Start-up Time</td><td>Approx. 0.82 sec.
• Based on CIPA testing standards.</td></tr>
<tr><td colspan="2">Dimensions and Weight</td></tr>
</table>

Dimensions (W x H x D)	Approx. 5.22 x 3.35 x 2.76 in. / 132.5 x 85.0 x 70.0mm • Based on CIPA standards. (Depth from tip of grip to LCD screen surface: Approx. 2.34 in. / 59.4mm
Weight	Approx. 1.07 lbs. / 485g (including battery, SD memory card; without body cap) Approx. 1.0 lbs. / 440g (body only; without battery, card or body cap)
Operating Environment	
Working Temperature Range	32–104°F / 0–40°C
Working Humidity Range	85% or less