Canon

EOS R5 C

Type	
Type	Digital single-lens non-reflex AF/AE camera
Image Processor	DIGIC X
Recording Media	CFexpress card • Type B: Card slot SD card • SD card speed class-compatible. • Compatible with UHS-II • Eye-Fi cards and Multimedia cards (MMC) are not supported.
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. 45.0 megapixels
Sensor Size	Approx. 36.0 x 24.0 mm
Pixel Size	Approx. 4.40 µm square
Total Pixels	Approx. 47.1 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 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 • 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 Canon Digital Professional Software (v. 4.14 and higher) to automatically erase the dust spots. • Not available with EF-S lenses, in cropped shooting or multi-exposure shooting. (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, HEIF, RAW (CR3, 14 bit RAW format), C-RAW (Canon original); Movies: ALL-I, IPB, RAW
HDR Mode-Continuous Shooting	(1) 1 shot only (2) Continuously (3) Multiple Exposure
Advanced shooting operations	(1) Focus Bracketing (2) Interval Timer (3) Bulb Timer (4) Multi-Shot NR
File Size	3:2 Aspect Ratio Large/RAW/C-RAW: 8192 x 5464 Medium: 5808 x 3872 Small 1: 4176 x 2784 Small 2: 2400 x 1600 1.6x (Crop)* Large/RAW/C-RAW: 5088 x 3392 Small 2: 2400 x 1600 4:3 Aspect Ratio Large: 7280 x 5464 Medium: 5152 x 3872 Small 1: 3712 x 2784 Small 2: 2112 x 1600 RAW/C-RAW: 8192 x 5464 16:9 Aspect Ratio Large: 8192 x 4608 Medium: 5808 x 3264 Small 1: 4176 x 2344 Small 2: 2400 x 1344 RAW/C-RAW: 8192 x 5464 1:1 Aspect Ratio Large: 5456 x 5456 Medium: 3872 x 3872 Small 1: 2784 x 2784 Small 2: 1600 x 1600 RAW/C-RAW: 8192 x 5464 • 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. * 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	(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].
White Balance	
Settings	(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.
Auto White Balance	Option between ambience priority and white priority settings.
White Balance Shift	Blue/amber bias: ±9 levels Magenta/green bias: ±9 levels Corrected in reference to the current WB mode’s color temperature.
Viewfinder	
Type	OLED color electronic viewfinder; approx. 5.76 million dots resolution
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. 35.5 degrees (with 50mm lens at infinity, -1 m^{-1})
Eye Point	Approx. 23mm (at -1 m^{-1} from the eyepiece lens end)
Dioptric Adjustment Range	Approx. -4.0 to + 2.0 m^{-1} (dpt)

Viewfinder Information	(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 II
Number of AF zones available for Automatic Selection	AF area: Horizontal: Approx. 100% x Vertical: Approx. 100% Stills: Max. 1053 zones (39 x 27) Movies: Max. 819 zones (39 x21)
AF Working Range	EV -6 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.

AF Methods	AF Method: Face+Tracking AF; Spot AF; 1-point AF; Expand AF Area (Above, below, left and right/Around); Zone AF; Large Zone AF: Vertical, Horizontal
Subject to Detect	People, Animals, No Priority * Available with [AF method] set to Face+Tracking, Zone AF, or Large Zone AF (vertical/horizontal)
Exposure Control	
Metering Modes	Real-time metering with image sensor (384 zones [24x16 zone metering]) (1) Evaluative metering (AF point-linked) (2) Partial metering (approx. 6.1% of the area at the center of the screen) (3) Spot metering (approx. 3.1% 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 Control Modes	(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

ISO Speed Range

Available ISO speeds; user-set

Normal	ISO 100–51200 (in 1/3- or 1-stop increments)
Expanded	L: equivalent to ISO 50, H: 102400

• For [Highlight tone priority], the settable ISO speed range will be ISO 200 to 51200.
• Expanded ISO cannot be set for HDR mode or during HDR PQ shooting.

User-defined ISO range - still photo shooting

ISO Speed Range	ISO speed
Minimum	L (50)–51200 (in 1-stop increments)
Maximum	ISO 100–H (102400) (in 1-stop increments)

* Expanded ISO speeds are noted as being “equivalent” to these speeds.

User-defined Auto ISO range - still photo shooting

Auto Range	ISO speed
Minimum	ISO 100–25600 (in 1-stop increments)
Maximum	ISO 200–51200 (in 1-stop increments)

ISO Auto details in still photo shooting

<table>
<tr><th>Shooting mode</th><th>No Flash</th><th>Using Flash</th></tr>
<tr><td>Auto</td><td>ISO 100-12800</td><td>ISO 100-6400*3</td></tr>
<tr><td>P</td><td rowspan="4">ISO 100*1*2-51200*2</td><td rowspan="4">ISO 100*1*2–6400*2*4</td></tr>
<tr><td>TV</td></tr>
<tr><td>AV</td></tr>
<tr><td>M</td></tr>
<tr><td>B</td><td colspan="2">ISO 400*3</td></tr>
</table>

* 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”.

Exposure Compensation

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

AE Lock

(1) Auto AE lock
• The metering mode for AE lock after one-shot focus can be customized.
(2) User-applied 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.

Shutter

Type

(1) Mechanical
(2) Electronic 1st-Curtain
(3) Electronic Shutter (1st and 2nd curtain - silent*)

* 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].

* 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.

* 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.

Shutter Speeds	When [Mechanical] or [Elec. 1st- curtain] is set: 1/8000-30 sec, bulb When [Electronic] is set: 1/8000-0.5 sec.
X-sync Speed	Mechanical Shutter: 1/200 sec. Elec. 1st-curtain: 1/250 sec.
Shutter Release	Soft-touch electromagnetic release
Self Timer	10-sec. delay, 2-sec. delay

Shutter Lag Time

	Flash	Mechanical Shutter	Electronic 1st curtain	Electronic shutter
Shutter-release time lag *Measured with shutter button pressed fully from half-pressed position	Not used	Approx. 81 ms	Approx. 50 ms	Approx. 50 ms
	Used	N/A	N/A	-

Based on Canon testing standards.

Image Stabilization (IS mode)

Still Photo IS	Optical IS with RF and EF lenses equipped with Image Stabilization. • Always on • Only for shot
Video IS	A narrower angle of view is used when digital image stabilization is selected in the menu. This is equivalent to approx. 1.1x longer focal length when Electronic Image Stabilization mode (Standard) is selected. Also, this is equivalent to approx. 1.43x longer focal length when Electronic Image Stabilization mode (High) is selected.

External Speedlite

E-TTL balance	Ambience priority, standard, flash priority
Compatible E-TTL Speedlites	Canon EX- and EL-series Speedlites
E-TTL II Flash Metering	(1) Evaluative (Face Priority) (2) Evaluative (3) Average
Slow Sync (P/Av modes)	(1) 1/250* – 30 sec., auto (2) 1/250* – 1/60 sec., auto (3) 1/250* sec. (fixed) * Electronic 1st curtain shutter only * With mechanical shutter — 1/200 sec.
Flash Function Menu	Provided for EX- and EL-series Speedlites
Flash Exposure Compensation	±3 stops in 1/3- or 1/2-stop increments
Continuous flash control	1. E-TTL each shot 2. E-TTL 1st shot

Drive System

Drive Modes and Continuous Shooting Speed

Drive Modes	Icon Display	Mechanical Shutter	Electronic 1st curtain	Electronic shutter
Single Shooting		Yes	Yes	Yes
High-speed Continuous + shooting*1	Green*2	Approx. 12 shots/sec.		Approx. 20 shots/sec
	White	Approx. 9.2 shots/sec.		
	White (Blinking)	Approx. 6.8 shots/sec.		
High-speed Continuous shooting	Green*2	Approx. 6.0 shots/sec.	Approx. 8.0 shots/sec.	
	White	Approx. 5.1 shots/sec.	Approx. 6.0 shots/sec.	
	White (Blinking)	Approx. 3.9 shots/sec.	Approx. 4.9 shots/sec.	
Low-speed Continuous Shooting	Green*2	Approx. 3.0 shots/sec.		
	White			
	White (Blinking)			
Self-timer:10 sec / remote control		Yes		
Self-timer:2 sec / remote control		Yes		

* Automatically switches among modes Green, White, and White (Blinking).

* 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)

- 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

* With Certain lenses, zooming during continuous shooting with electronic shutter may cause changes in exposure even at the same f/number.

* 1: For shooting RAW images in [High-speed continuous +], 13-bit A/D conversion will apply regardless of the mode (A, B, or C).

* 2: With Anti-flicker shooting, max. continuous shooting speed may drop to approx 6.2 fps (with electronic 1st curtain shutter) or approx. 4.9 fps (with mechanical shutter).

* For Dual Pixel RAW shooting, Low-speed continuous shooting will apply.

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

Still Shooting with Mechanical Shutter or electronic 1st-curtain shutter, shot at approx. 12 fps

	Image Quality	Maxiumum Burst [Approx.]		
		SD Card (UHS-I)	SD Card [High-speed] (UHS-II)	CFexpress Card
JPEG*4	L (fine)	190	350	350
HEIF*3	L (fine)	190	280	280
RAW*4	RAW	66	87	180
	C-RAW	130	260	260
RAW+JPEG*4	RAW + L (fine)	64	79	160
	C-RAW + L (fine)	100	130	240
RAW+HEIF*3	RAW + L (fine)	61	74	90
	C-RAW + L (fine)	110	140	140

With Electronic shutter, shot at approx. 20 fps

	Image Quality	Maxiumum Burst
		CFexpress Card
JPEG*4	L (fine)	170
RAW*4	RAW	83
	C-RAW	130
RAW+-JPEG*4	RAW + L (fine)	84
	C-RAW + L (fine)	150

*1: The number of possible shots and maximum burst (SD card) apply to a 32 GB SD card based on Canon testing standards.
*2: The number of shots available and maximum burst (CFexpress card) apply to a 325 GB CFexpress card conforming to Canon testing standards.
*3: Available when [HDR PQ] for HDR shooting is set to [Enable].
*4: When [HDR PQ] for HDR shooting is set to [Disable].
*5: With mechanical shutter or electronic 1st-curtain shutter, shot at approx. 12 fps.
* File size, number of possible shots, and maximum burst vary depending on shooting conditions (including 1.6x crop/aspect ratio, subject, memory card brand, ISO speed, Picture Style, and Custom Function).

HDR Shooting - Still

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)

Video Shooting

Focusing: Dual Pixel CMOS AF

<table>
<tr><td>Exposure Compensation</td><td>±3 stops in 1/3- or 1/2-stop increments</td></tr>
<tr><td>Canon Log</td><td>Provided (Off / Canon Log 3)</td></tr>
<tr><td>Video Recording Size and Frame Rates</td><td>
<table>
<tr><th colspan="3">RAW - CFexpress card / SD (SDXC only) card*</th></tr>
<tr><th>Resolution</th><th>Image Mode</th><th>Bit rate (frame rate)
(* All 12-bit sampling)</th></tr>
<tr><td rowspan="2">8192x4320
(Full Frame)</td><td>RAW LT</td><td>2570 Mbps (59.94P) / 2140 Mbps (50.00P) /
1290 Mbps (29.97P) / 1070 Mbps (25.00P) / 1030 Mbps (23.98P/24.00P)</td></tr>
<tr><td>RAW RS</td><td>1980 Mbps (29.97P) / 1650 Mbps (25.00P) / 1580 Mbps (23.98P/24.00P)</td></tr>
<tr><td rowspan="3">5952x3140
(Super 35mm)</td><td>RAW LT</td><td>1360 Mbps (59.94P) / 1140 Mbps (50.00P) /
679 Mbps (29.97P) / 566 Mbps (25.00P)(*) / 544 Mbps (23.98P/24.00P)(*)</td></tr>
<tr><td>RAW RS</td><td>2090 Mbps (59.94P) / 1750 Mbps (50.00P) /
1050 Mbps (29.97P) / 871 Mbps (25.00P) / 836 Mbps (23.98P/24.00P)</td></tr>
<tr><td>RAW HQ</td><td>2120 Mbps (29.97) / 1770 Mbps (25.00) / 1700 Mbps (23.98/24.00)</td></tr>
<tr><td rowspan="3">2976x1570
(Super 16mm)</td><td>RAW LT(*)</td><td>344 Mbps (59.94P) / 287 Mbps (50.00P) /
172 Mbps (29.97P) / 144 Mbps (25.00P) / 138 Mbps (23.98P/24.00P)</td></tr>
<tr><td>RAW RS</td><td>529 Mbps (59.94P) / 441 Mbps (50.00P) /
265 Mbps (29.97P) / 221 Mbps (25.00P) / 212 Mbps (23.98P/24.00P)</td></tr>
<tr><td>RAW HQ</td><td>1080 Mbps (59.94P) / 896 Mbps (50.00P) /
537 Mbps (29.97P)(*) / 448 Mbps (25.00P)(*) / 430 Mbps (23.98P/24.00P)(*)</td></tr>
</table>
* Recording is possible only when the bit rate of the SD card is 650 Mbps or less (recording is not possible at larger bit rates).
</td></tr>
</table>

Video Recording Size and Frame Rates, Continued

XF-AVC - CFexpress cards / SD cards*			
Resolution	**Frame Rate**	**Color Sampling**	**Bit Rate**
4096x2160/3840x2160 (Full Frame / Super 35mm)	59.94P / 50.00P	YCC422 10 bit	810 Mbps Intra-frame
			260 Mbps Long GOP
	29.97P/ 25.00P/ 23.98P/ 24.00P		410 Mbps Intra-frame
			160 Mbps Long GOP
2048x1080/1920x1080	59.94P / 50.00P		310 Mbps Intra-frame
			50 Mbps Long GOP
	29.97P/ 25.00P/ 23.98P/ 24.00P 59.94i / 50.00i		160 Mbps Intra-frame
			50 Mbps Long GOP
1280x720	59.94P / 50.00P		24 Mbps Long GOP
MP4			
8192x4320/7680x4320 (Full Frame only)	29.97P/ 25.00P/ 23.98P/ 24.00P	YCC422 10 bit [MP4(HEVC)]	540 Mbps Long GOP
		YCC420 10 bit [MP4(HEVC)]	400 Mbps Long GOP
4096x2160 / 3840x2160	59.94P / 50.00P	YCC422 10 bit [MP4(HEVC)]	225 Mbps Long GOP
		YCC420 10 bit [MP4(HEVC)]	170 Mbps Long GOP
		YCC420 8 bit [MP4(H.264)]	150 Mbps Long GOP
	29.97P/ 25.00P/ 23.98P/ 24.00P	YCC422 10 bit [MP4(HEVC)]	135 Mbps Long GOP
		YCC420 10 bit [MP4(HEVC)]	100 Mbps Long GOP
		YCC420 8 bit [MP4(H.264)]	150 Mbps Long GOP
2048x1080/1920x1080	59.94P/50.00P/ 29.97P/ 25.00P/ 23.98P/24.00P	YCC422 10 bit [MP4(HEVC)]	50 Mbps Long GOP
		YCC420 10 bit [MP4(HEVC)]	35 Mbps Long GOP
		YCC420 8 bit [MP4(H.264)]	
1280x720	59.94P / 50.00P	YCC422 10 bit [MP4(HEVC)]	12 Mbps Long GOP
		YCC420 10 bit [MP4(HEVC)]	9 Mbps Long GOP
		YCC420 8 bit [MP4(H.264)]	8 Mbps Long GOP

***** Recording is possible only when the bit rate of the SD card is 650 Mbps or less (recording is not possible at larger bit rates).

Recording Times	**CFexpress Card Recording Time** (see table below)

CFexpress Card Recording Time

	Cinema RAW Light										
	2570 Mbps	2120 Mbps	2090 Mbps	1980 Mbps	1700 Mbps	1580 Mbps	1360 Mbps	1290 Mbps	1080 Mbps	1030 Mbps	836 Mbps
512 GB	24 mins.	30 mins.	30 mins.	32 mins.	37 mins.	40 mins.	47 mins.	49 mins.	59 mins.	62 mins.	76 mins.
	XF-AVC										
	810 Mbps	410 Mbps	310 Mbps	260 Mbps	160 Mbps						
512 GB	79 mins.	156 mins.	207 mins.	246 mins.	401 mins.						
	MP4										
	540 Mbps	400 Mbps	225 Mbps	170 Mbps	150 Mbps	135 Mbps	100 Mbps	50 Mbps	35 Mbps		
512 GB	118 mins.	160 mins.	285 mins.	377 mins.	428 mins.	475 mins.	642 mins.	1284 mins.	1834 mins.		

Recording Times, Continued

SD Card Recording Time

	Cinema RAW Light								
	544 Mbps	537 Mbps	529 Mbps	430 Mbps	344 Mbps	265 Mbps	212 Mbps	172 Mbps	138 Mbps
64 GB	14 mins.	14 mins.	15 mins.	18 mins.	23 mins.	30 mins.	37 mins.	46 mins.	58 mins.
128 GB	29 mins.	29 mins.	30 mins.	37 mins.	46 mins.	60 mins.	75 mins.	93 mins.	116 mins.
256 GB	59 mins.	59 mins.	60 mins.	74 mins.	93 mins.	121 mins.	151 mins.	166 mins.	232 mins.
512 GB	118 mins.	119 mins.	121 mins.	149 mins.	186 mins.	242 mins.	302 mins.	373 mins.	465 mins.
	XF-AVC								
	410 Mbps	310 Mbps	260 Mbps	160 Mbps	50 Mbps	35 Mbps	24 Mbps	17 Mbps	
64 GB	19 mins.	25 mins.	30 mins.	50 mins.	160 mins.	229 mins.	334 mins.	472 mins.	
128 GB	39 mins.	51 mins.	61 mins.	100 mins.	321 mins.	458 mins.	668 mins.	944 mins.	
256 GB	78 mins.	103 mins.	123 mins.	200 mins.	642 mins.	917 mins.	1337 mins.	1888 mins.	
512 GB	156 mins.	207 mins.	246 mins.	401 mins.	1284 mins.	1834 mins.	2675 mins.	3776 mins.	
	MP4								
	540 Mbps	400 Mbps	225 Mbps	170 Mbps	150 Mbps	135 Mbps	100 Mbps	50 Mbps	35 Mbps
64 GB	14 mins.	20 mins.	35 mins.	47 mins.	53 mins.	59 mins.	80 mins.	160 mins.	229 mins.
128 GB	29 mins.	40 mins.	71 mins.	94 mins.	107 mins.	118 mins.	160 mins.	321 mins.	458 mins.
256 GB	59 mins.	80 mins.	142 mins.	188 mins.	214 mins.	237 mins.	321 mins.	642 mins.	917 mins.
512 GB	118 mins.	160 mins.	285 mins.	377 mins.	428 mins.	475 mins.	642 mins.	1284 mins.	1834 mins.

LCD Screen

Type	TFT color, liquid-crystal monitor
Monitor Size	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)
Dots	Approx. 2.1 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	12 (English, German, Spanish, French, Portuguese, Italian, Ukraine, Russian, Polish, Simplified Chinese, Korean, Japanese)

Playback

Display Format

Item	Still Photo	Movie
Magnify zoom display	1.5x–10x (5 levels)	-
AF point display	Yes	-
Grid display	Off / 3×3 / 6×4 / 3×3+diag	-
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 / Protect / 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	
In-camera RAW image processing	Supported	-
Resizing	Supported	-
Cropping	Supported	-

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	Not supported

DPOF: Digital Print Order Format

DPOF	Compliant to DPOF Version 1.1

Wi-Fi®

Standards Compliance	IEEE 802.11a/ac/b/g/n
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 GHz band** Frequency: 5180 to 5825 MHz Channels: 36 to 165 channels
Connection Method	(1) Camera access point mode (2) Infrastructure mode

Security

<table>
<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>
<tr><td rowspan="2">Camera Access Point</td><td>WPA2-PSK</td><td>AES</td><td>• ASCII 8 characters</td></tr>
<tr><td>Open</td><td colspan="2">Disable</td></tr>
<tr><td rowspan="5">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 colspan="2">Disable</td></tr>
<tr><td>Shared key</td><td>WEP</td><td>Same as WEP above</td></tr>
<tr><td>WPA-PSK</td><td rowspan="2">TKIP
AES</td><td rowspan="2">• Hexadecimal 64 digits
• ASCII 8–63 characters</td></tr>
<tr><td>WPA2-PSK</td></tr>
</table>

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	Not supported.
Send Images to a Web Service	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).
Bluetooth®	
Standards Compliance	Bluetooth Specification Version 5.0 compliant (Bluetooth low energy technology)
Transmission Method	GFSK modulation
Customization	
Custom Functions	22 Custom Functions are settable.
Custom Controls	Customizable Buttons Shutter button Movie button MODE button AF-ON button AE lock button AF point button Depth of field preview button Lens AF stop button Multi-function button LCD panel illumination button Set button Multi-controller Customizable Dials Main dial Quick control dial 1 & 2 Control ring

My Menu Registration	• Up to six top-tier menu items and Custom Functions can be registered. • Up to five My Menu tabs can be added. My Menu tab overall operations: • Adding a tab • Deleting tabs in a batch • Deleting all tab items • Setting the menu display My Menu tab detailed operations: • 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)
Interface	
USB Terminal	Equivalent to Hi-Speed USB (USB 3.1 Gen 2) • 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. • Video Output (UVC) • Canon App(s) for iPhone • PTP connection/GP-E2
Video Out Terminal	HDMI micro OUT terminal Type D (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.
Clean HDMI output	Provided
Microphone input terminal	3.5mm diameter stereo mini jack
Headphone terminal	3.5mm diameter stereo mini jack
Power Source	
Battery	LP-E6NH/LP-E6N/LP-E6* • With the AC Adapter AC-E6N + DC Coupler DR-E6, AC power is possible. • With the USB Power Adapter PD-E1, in-camera charging of LP-E6NH is possible. * LP-E6 is automatically recognized as Mode C – Blinking White Drive mode regardless of capacity.
Battery Check	Automatic battery check when the power switch is turned ON. Displayed in 6 levels on top LCD panel. • Battery level can be checked on the LCD panel and in the viewfinder. Battery Info display in Set-up Menu: •Type of power source used. •Remaining capacity (percentage of battery charge remaining). •Recharge performance: (3-level display of battery's ability to hold a charge)
Start-up Time	Approx. 0.4 sec. • Based on CIPA testing standards.
Dimensions and Weight	
Dimensions (W x H x D)	Approx. 5.6 x 4.0 x 4.4 in. / 142 x 101 x 111mm • Based on CIPA standards.

Weight	Approx. 1.7 lbs. / 770g (including battery, CFexpress card; without body cap) Approx. 1.5 lbs. / 680g (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

RF24-105mm F2.8 L IS USM Z

Specifications

Lens	
Focal Length	24-105 mm
Maximum and Minimum Aperture	f/2.8 - f/22
Lens Mount Type	RF Mount
Compatible Cameras	Canon EOS R-series, full-frame and APS-C (focal length equivelant to approx. 38.4-168mm when used on an APS-C camera)
Minimum Focusing Distance	0.45 m/1.48 ft. (at 24 mm), 0.45 m/1.48 ft. (at 105 mm)
Maximum Magnification	0.08x (at 24 mm), 0.29x (at 105 mm)
Field of View, at Minimum Focus Distance	24mm: approx. 16.0 x 10.7 in. (408 x 272mm); 105mm: approx. 4.8 x 3.2 in. (121 x 80mm)
Angle of View (Diagonal)	Approx. 84° - 23° 20′
Optical Design	
Lens Construction	23 elements in 18 groups
Special Elements	4 UD elements, 3 Aspheric elements
Lens Coating	Canon SSC (Super Spectra Coating), ASC (Air Sphere Coating), Flourine coating
Filter Size Diameter	ø82 mm
Aperture Blades	11
Image Stabilization	5.5 stops correction with In-lens Optical Image Stabilization (8.0 stops correction with EOS R series in-body coordinated Image stabilization)
Focusing	
Focusing Drive System	(Two) Canon Nano USM focus motors
Full-time Manual Focusing	Yes (Supports both ONE SHOT AF and SERVO AF with compatible EOS R-series cameras)
Dual Pixel CMOS AF Coverage (Horizontal x Vertical)	• EOS R/RP/Ra/R100 — Approx. 88% x 100% • EOS R5/R6 — With face + tracking-priority AF: Approx. 100% × 100% Other than with face + tracking-priority AF: Approx. 90% × 100% • EOS R3, R6, Mark II, R8 R7, R10, R50 — For whole area AF: Approx. 100% × 100% For non-whole area AF when subject has been detected: Approx. 100% × 100% When subject has not been detected: Approx. 90% × 100%
Exterior Design	
Control Ring	Yes, with click stops (click stops can be removed by a Canon service facility, for a fee)
Manual Focus Ring	Electronic ring system • Full-time Manual focus possible • No physical limit to ring rotational angle

AF / MF Switch	Yes
Distance Scale	None (Electronic distance scale possible in viewfinder or LCD monitor, with compatible EOS R-series cameras)
Distance Limiter Switch	Provided: Full/1 m to infinity
Dust / Weather Resistant Construction	Yes
Dimensions, Weight	
Maximum Outer Diameter x Length	Approx. ø3.5 in. (ø88.5mm) x 7.8 in. (199mm)
Weight	Approx. 46.9 oz. / 2.9 lbs. / 1330g
Accessories	
Lens Hood	Canon Lens Hood EW-88E (Bundled)
Lens Cap	Canon Lens Cap E-82 II (Bundled)
Dust Cap	Canon Lens Dust Cap RF (Bundled)
Lens Case	Canon Lens Case LZ1326 (B) (Bundled)
Lens Holder	Canon Lens Holder LH-E1 (not bundled, sold separately)
Extension Tubes	None (No Canon RF mount extension tubes)
Close-up Lenses 250D / 500D	Not compatible
Canon RF Extender 1.4x/2x	Not compatible
Canon Gelatin Filter Holder III/IV	Not compatible