

EOS R8 Mark II CREATED TO EXPLORE



The EOS R8 Mark II is a full-frame mirrorless camera that combines portability, simplicity and beautiful image quality, designed for photographers who want to tell richer travel stories with ease. It sits above the EOS RP and EOS R8, and at a similar level to the EOS R7 – although its full-frame sensor will appeal to a more creative audience.

24.2 MEGA
PIXELS
CMOS

24.2MP full-frame sensor

IN-BODY
IMAGE
STABILIZER × OPTICAL
IMAGE
STABILIZER

Up to 7.5-stop IS¹

Up to
40
Frames
Per Sec

40 frames per second²

Pre-Continuous
Shooting

**Pre-continuous
shooting**

Dual Pixel
CMOS

AF II

**Dual Pixel CMOS
AF II**



Color Filter

Colour filters



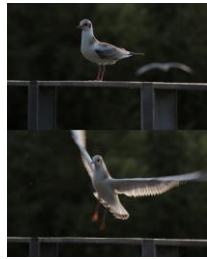
¹ Yaw, pitch, and roll image stabilization performance is 7.5 stops at the center and 7.0 stops at the peripheral, based on the CIPA 2024 standard with RF 24-105mm F2.8 L IS USM Z at a focal length of 105mm.

² Under Canon testing standards during servo AF, only RF lenses and some EF lenses can be used for continuous shooting at the maximum speed. The continuous shooting speed may be reduced by the lens, shutter speed, aperture, flash, subject conditions, and brightness (for example, when shooting in a dark place). Continuous shooting speed is slower when flicker is detected, even if anti-flicker shooting is off. For more details please see the User's Guide at "<https://cam.start.canon>".



Experience the power of full frame

The EOS R8 Mark II's 24.2MP sensor delivers incredible clarity and dramatic depth. Powerful image stabilisation lets you shoot handheld in low light and on the move.



Catch the moment before it happens

Shoot silently at up to 40fps² with pre-continuous shooting. Start capturing half a second before you take the shot – giving you up to 20 extra images to choose the perfect frame.



Focus on what matters

Dual Pixel CMOS AF II uses deep learning to recognise and track people, animals and vehicles across the frame. Register People Priority automatically keeps selected people in focus.



Compact. Lightweight. Built for bigger ideas.

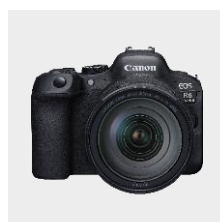
Full-frame performance in an APS-C DSLR-sized body. Respond more quickly when it counts, thanks to a new design and intuitive controls that feel familiar from the first shot.



Create your own visual style

Make every image your own using customisable Canon Picture Styles and Filmtone Colour Filters. Easily match colours to your subject with scene-based colour modes.

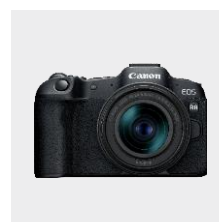
PRODUCT RANGE



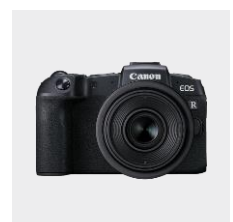
EOS R6 Mark II



EOS R8 Mark II



EOS R8



EOS RP



² Under Canon testing standards during servo AF, only RF lenses and some EF lenses can be used for continuous shooting at the maximum speed. The continuous shooting speed may be reduced by the lens, shutter speed, aperture, flash, subject conditions, and brightness (for example, when shooting in a dark place). Continuous shooting speed is slower when flicker is detected, even if anti-flicker shooting is off. For more details please see the User's Guide at "<https://cam.start.canon>".

TECHNICAL SPECIFICATIONS

EOS R8 Mark II

IMAGE SENSOR

Type	36.0 x 24.0 mm CMOS
Effective Pixels	Approx. 24.2megapixels
Total Pixels	Approx. 25.6 megapixels
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour
Sensor Shift-IS	Yes, up to 7.5-stops advantage at the center and 7.0-stops peripheral depending on the lens used ¹

IMAGE PROCESSOR

Type	DIGIC X
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LENS

Lens Mount	RF (including RF-S and VR lenses) ² (EF and EF-S lenses can be attached using: Mount Adapter EF-EOS R, Control Ring Mount Adapter EF-EOS R, Drop-In Filter Mount Adapter EF-EOS R) ³ EF-M lenses are not compatible
Compatibility	Equivalent to 1.0x the focal length of the lens with RF and EF lenses; 1.6x with EF-S / RF-S
Focal Length	Lens/Digital only
Image Stabilisation	Coordinated control OIS X IBIS / Digital

FOCUSING

Type	Dual Pixel CMOS AF II
AF Positions	Still photo: Max. 4368 positions Movies Max. 3588 positions (When 4K is set.) Still photo Max. 1053 zones Movies Max. 1053 zones (When 4K is set.)
Maximum AF Zones (Stills / Movies)	100% horizontal and 100% vertical with Whole Area AF or Subject detection selected ⁴
AF System/Points	EV -7.5 – 21 (at 23°C & ISO100) ⁵ Stills: One Shot AF, Servo AF, AI Focus AF Movies: One Shot AF, Movie Servo AF
AF Working Range	Automatic selection: 1053 Available AF areas when automatically selected
AF Modes	Manual selection: Spot AF Manual selection: 1-point AF (AF frame size can be changed)
AF Methods	Manual selection: AF point Expansion 4 points (up, down, left, right) Manual selection: AF point Expansion surrounding Manual selection: Flexible Zone AF 1-3 (all AF points divided into minimum 9 to 999 maximum focusing zones, where the width and height is also adjustable)
AF Point Selection	Manual selection: Whole area AF
AF Tracking	Humans(Eye, Face, Head, Body), Animals (Dogs, Cats, Birds and Horses) or Vehicles (Racing cars or Motor bikes, Aircraft and Trains)
AF Lock	Locked when shutter button is pressed halfway or AF ON is pressed in One Shot AF mode. Using customised button set to AF stop in AI servo
AF Assist Beam	Emitted by built in LED or optional dedicated Speedlite (flash) ⁶
Manual Focus	Selected on lens/camera ⁷
Focus Bracketing	Available with In-camera depth compositing ⁸

EXPOSURE CONTROL

Metering Modes	Real-time with image sensor, 384-zone metering. 1. Evaluative metering (linked to All AF points) 2. Partial metering (approx. 5.9% of viewfinder at centre) ⁹ 3. Spot metering: Centre spot metering (approx. 3% viewfinder at centre)- AF point-linked spot metering not provided ¹⁰ 4. Centre weighted average metering
Metering Brightness Range	EV -3 – 20 (at 23°C, ISO 100, with evaluative metering)
AE Lock	Auto: AE lock takes effect when focus is achieved Manual: By AE lock button in P, Av, Fv, Tv and M modes
Exposure Compensation	+/-3 EV in 1/3 or 1/2 stop increments (can be combined with AEB for stills)
AEB	+/-3 EV in 1/3 or 1/2 stop increments
Anti-Flicker Shooting	Supported. Flicker detected at a frequency of 100 Hz or 120 Hz ¹¹ . High Frequency Anti-flicker shooting for M and TV modes. ¹²
ISO Sensitivity	Auto 100-102400 (in 1/3-stop or 1 stop increments) ISO can be expanded to L:50, H:204,800 ¹³

SHUTTER

Type	Electronically-controlled focal-plane shutter ¹⁴ and Electronic shutter function on sensor
Speed	Electronic 1st-curtain: 30-1/4000 sec (1/2 or 1/3 stop increments), Bulb Electronic: 30-1/16000 ¹⁵ (1/2 or 1/3 stop increments up to 1/8000 then 1 stop to 1/16000) (Total shutter speed range. Available range varies by shooting mode)

Shutter Release

WHITE BALANCE

Type	Auto white balance with the imaging sensor
Settings	AWB (Ambience priority/White priority), Daylight, Shade, Cloudy (Effective also in twilight and sunset.), Tungsten light, White Fluorescent light, Flash ¹⁶ , Custom (Manual), Colour Temperature Setting 1-4 (also in Creative Zone during recording) Movie Specific White Balance settings: - Shockless WB - AWB response - AWB lock Blue/Amber +/-9 Magenta/Green +/-9 Yes, 1 setting can be registered - From image or Live View *+/-3 levels in single level increments 3, 2, 5 or 7 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/Green bias
Shift	
Custom White Balance	
WB Bracketing	

VIEWFINDER

Type	0.39 inch OLED colour EVF
EVF Refresh Rate	Up to 120fps ¹⁷
Dot Count	2.36 Million dots (1024x768)
Coverage (Vertical/Horizontal)	Approx. 100%
Magnification	Approx. 0.70x ¹⁸
Eyepoint	Approx. 22mm (At -1 m ⁻¹ from eyepiece lens end)
Dioptr Correction	-4 to +1 m ⁻¹ (dioptr)
Brightness	Auto: Automatic adjustment to suit brightness (metering results) Manual: Adjustable in a range of 1–5 Optical viewfinder simulation (View assist) can be turned On / Off ¹⁹
Exposure Simulation	1.Basic Camera settings 2.Advance Camera settings 3.Camera settings plus histogram and dual level display
Display Settings	Viewfinder display format: Display 1 / Display 2 (with black border) Image review Viewfinder display: On / Off Fine-tuning viewfinder colour tone: - Blue (B) / Amber (A) bias: ±2 levels - Magenta (M) / Green (G) bias: ±2 levels Power saving: 59.94 fps Smooth 119.98 fps , suppress low frame rate 60 -119.8fps ²⁰ (5 level of brightness) Yes

Display Performance

Sensor	
Vertical Display	
Viewfinder Information	

Depth of Field Preview

Eyepiece Shutter

LCD MONITOR

Type	7.5cm (3.0") Clear View LCD II, approx. 1.62 million dots
Coverage	Approx. 100%
Viewing Angle	Approx. 170° vertically and horizontally
Horizontally/Vertically	
Coating	Anti-smudge coating

TECHNICAL SPECIFICATIONS

EOS R8 Mark II

Brightness Adjustment Touch-Screen Operations	Manual: Adjustable to one of seven levels Capacitive method with menu functions, Quick Control settings, playback operations, and magnified display. AF point selection in still and Movies, touch shutter is possible in still photo shooting.	Drive Modes	Single, Continuous High+, Continuous High, Continuous Low, Self-timer (2s+remote, 10s+remote, continuous) Electronic 1st-curtain: High-speed continuous shooting + (H+): 6.0 shots/sec. High-speed continuous shooting (H): 6.0 shots/sec. Low-speed continuous shooting (L): 3.0 shots/sec. Electronic Shutter: High-speed continuous shooting + (H+): 40 shots/sec. ²² High-speed continuous shooting (H): 20 shots/sec. Low-speed continuous shooting (L): 5.0 shots/sec. Speed maintained for 1000+ JPEG / RAW Files (with Electronic 1st curtain) Speed maintained for 190 JPEG and 73 RAW images ²⁶ . (with electronic shutter) Pre-Continuous shooting is possible in High-speed continuous shooting + mode from 20 shots before the shutter button is fully pressed. ²⁷ Built in (Shooting interval: 1 sec.–99 hr. 59 min. 59 sec. Number of shots: 01–9999 or [unlimited], Delay start: 1 sec.–99 hr. 59 min. 59 sec., no delay, ES Timer Priority On/Off, ES Exposure smoothing On/Off)
Display Options	(1) Basic Camera settings (2) Advance Camera settings (3) Camera settings plus histogram and dual level display (4) No info (5) Quick Control Screen	Continuous Shooting	
FLASH Modes	E-TTL II flash metering, Manual flash, MULTI flash (stroboscopic), Auto external flash metering, Manual external flash metering ²²	Maximum Burst	
X-Sync	1/200 sec. (1/250 sec. with Sync speed priority enabled using supported Speedlites) Electronic 1st-curtain only (with cropping/aspect ratio: Full-frame / 1:1 / 4:3 / 16:9) 1/250 sec. (1/320 sec. with Sync speed priority enabled using supported Speedlites) Electronic 1st-curtain only (with cropping/aspect ratio: 1.6x (crop)) +/- 3EV in 1/3 or 1/2 stop increments with EL and EX series Speedlite flashes +/- 3EV in 1/3 or 1/2 stop increments with EL and EX series Speedlite flashes	Interval Timer	
Flash Exposure Compensation	Yes	FILE TYPE - STILLS	
Flash Exposure Bracketing	Yes via Speedlite ²³	Still Image Type	RAW 14 bit: RAW and C-RAW (Canon original RAW 3rd edition) and Dual Pixel RAW JPEG 8 bit: 10 compression options HEIF 10 bit: 10 compression options Complies with Exif 3.00 ²⁵ and Design rule for Camera File system 2.0 Complies with Digital Print Order Format [DPOF] Version 1.1 Yes, any combination of RAW/C-RAW + JPEG or RAW/C-RAW + HEIF possible, RAW/ C-RAW: 3:2 ratio 6000x4000 1.6x crop 3744x2496 4:3 ratio 6000x4000 16:9 ratio 6000x4000 1:1 ratio 6000x4000 JPEG/ HEIF: 3:2 ratio (L) 6000x4000, (M) 3984x2656, (S1) 2976x1984, (S2) 2400x1600 1.6x crop (L) 3744x2496, (S2) 2400x1600 4:3 ratio (L) 5328x4000, (M) 3552x2664, (S1) 2656x1992, (S2) 2112x1600 16:9 ratio (L) 6000x3368, (M) 3984x2240, (S1) 2976x1680, (S2) 2400x1344 1:1 ratio (L) 4000x4000, (M) 2656x2656, (S1) 1984x1984, (S2) 1600x1600 New folders can be manually created, named and selected Movie folder structure is adopting the XF-HEVC S / XF-AVC S format (1) Consecutive numbering (2) Auto-reset (3) Manual reset
Flash Exposure Lock	Yes	RAW+JPEG/HEIF Simultaneous Recording	
Second Curtain Synchronisation	Yes via Speedlite ²³	Image Size	
Hot Shoe/PC Terminal	Yes(21-pin multi-function shoe equipped with the traditional 5-pin contact (X-sync, communication contact)) /No	Folders	
External Flash Compatibility	E-TTL II with EX / EL series Speedlite, wireless multi-flash support	File Numbering	
External Flash Control	via camera menu screen	File Naming	
SHOOTING Modes	Stills: Scene Intelligent Auto, Scene Mode, Flexible priority AE, Program AE, Shutter priority AE, Aperture priority AE, Manual, Bulb and Custom (x3) Movie: Scene Intelligent Auto, Scene Mode, Movie AE, Shutter priority AE, Aperture priority AE, Manual, S&F movie auto exposure, S&F movie shutter-priority AE, S&F movie aperture-priority AE, S&F movie manual exposure and Custom (x3) Stills: Portrait, Smooth skin, Group photo, Landscape, Panoramic shot, Sports, Kids, Panning, Close-up, Food, Night Portrait, Handheld Night Scene, HDR Backlight Control, Silent shutter Movies: Smooth skin movie, Movie for close-up demos, Movie iS mode Colour filters ²⁴ for both stills and movies with 0-100% strength adjustments, in 10% increments: NegativeFilmtone, PositiveFilmtone, StoryTeal&Orange, StoryMagenta, StoryBlue, PaleTeal&Orange, RetroGreen, Sepiatone, AccentRed, TastyWarm, TastyCool, BrightAmber, BrightWhite, ClearLightBlue, ClearPurple, ClearAmber	EOS MOVIE	
Special Scene Modes	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3) SDR: sRGB and Adobe RGB HDR PQ: BT.2020 Highlight Tone Priority (3 settings) Auto Lighting Optimizer (4 settings) Long exposure noise reduction (3 settings) (still only) Clarity High ISO speed noise reduction (4 settings) (still and video) Lens optical correction: - Peripheral illumination correction (Both Stills photo shooting/Movie Recording) - Chromatic aberration correction (Both Stills photo shooting/Movie Recording) - Distortion correction (Both Stills photo shooting/Movie Recording (with Rf/RF-S lenses)) - Focus breathing correction (during video only) - Diffraction correction (Stills only) - Digital Lens Optimizer (during/after still photo shooting)	Movie Type	
Creative Filters	Colour filters ²⁴ for both stills and movies with 0-100% strength adjustments, in 10% increments: NegativeFilmtone, PositiveFilmtone, StoryTeal&Orange, StoryMagenta, StoryBlue, PaleTeal&Orange, RetroGreen, Sepiatone, AccentRed, TastyWarm, TastyCool, BrightAmber, BrightWhite, ClearLightBlue, ClearPurple, ClearAmber	Movie Size	MP4 Video: 4K UHD, Full HD (16:9) ²⁹ , Audio: Linear PCM / AAC 4K UHD ³⁰ (16:9) 3840 x 2160 (59.94, 50, 29.97, 25, 23.98fps) Standard LGOP (IPB Standard) 4K UHD cropped ³¹ (16:9) 3840 x 2160 (59.94, 50, 29.97, 25, 23.98fps) Standard LGOP (IPB Standard) 4K UHD Timelapse (16:9) 3840 x 2160 (29.97, 25fps) ³² Standard intra (ALL-I) Full HD (16:9) 1920 x 1080 (179.82, 150, 119.88, 100, 59.94, 50, 29.97, 25, 23.98fps) ³³ Standard LGOP (IPB Standard) Full HD cropped (16:9) 1920 x 1080 (59.94, 50, 29.97, 25, 23.98fps) Standard LGOP (IPB Standard) ³⁴ Full HD Timelapse (16:9) 1920 x 1080 (29.97, 25fps) ³⁵ Standard intra (ALL-I)
Picture Styles	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3) SDR: sRGB and Adobe RGB HDR PQ: BT.2020 Highlight Tone Priority (3 settings) Auto Lighting Optimizer (4 settings) Long exposure noise reduction (3 settings) (still only) Clarity High ISO speed noise reduction (4 settings) (still and video) Lens optical correction: - Peripheral illumination correction (Both Stills photo shooting/Movie Recording) - Chromatic aberration correction (Both Stills photo shooting/Movie Recording) - Distortion correction (Both Stills photo shooting/Movie Recording (with Rf/RF-S lenses)) - Focus breathing correction (during video only) - Diffraction correction (Stills only) - Digital Lens Optimizer (during/after still photo shooting)		
Colour Space	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3) SDR: sRGB and Adobe RGB HDR PQ: BT.2020 Highlight Tone Priority (3 settings) Auto Lighting Optimizer (4 settings) Long exposure noise reduction (3 settings) (still only) Clarity High ISO speed noise reduction (4 settings) (still and video) Lens optical correction: - Peripheral illumination correction (Both Stills photo shooting/Movie Recording) - Chromatic aberration correction (Both Stills photo shooting/Movie Recording) - Distortion correction (Both Stills photo shooting/Movie Recording (with Rf/RF-S lenses)) - Focus breathing correction (during video only) - Diffraction correction (Stills only) - Digital Lens Optimizer (during/after still photo shooting)		
Image Processing	Resize to M, S1, S2 Cropping: JPEG/HEIF images can be cropped (Aspect ratios 3:2, 16:9, 4:3, 1:1, 2:3, 9:16, 3:4) Cropping of images - Switch between vertical and horizontal cropping orientation - Cropping frame can be moved using touch screen operation RAW image processing Multiple exposure HDR HEIF to Jpeg conversion (Inc. Batch conversion) Focus Bracketing and in camera composition		

TECHNICAL SPECIFICATIONS

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Colour Sampling (Internal recording)	XF-HEVC S YCC422 10 bit H.265 / HEVC YCbCr 4:2:2 10 bits MP4 XF-HEVC S YCC420 10 bit H.265 / HEVC YCbCr 4:2:0 10 bits MP4 XF-AVC S YCC422 10bit H.264 / MPEG-4 AVC YCbCr 4:2:2 10 bits MP4 XF-AVC S YCC420 8 bit H.264 / MPEG-4 AVC YCbCr 4:2:0 8 bits MP4	Focusing	Dual Pixel CMOS AF II with Eye/Face Detection and Tracking AF (people, animals and vehicles), Movie Servo AF, Manual Focus Auto: 100-25600, H: 102400 ⁴³ Manual: 100-25600, H: 102400 ⁴⁴
Canon Log	Custom Picture: C1: Canon 709 C2: Canon Log 3 C3: PQ C4: HLG C5: BT.709 Standard C6 - C20: User Defined 11 Picture Styles 16 Colour Filters (with colour filter strength % adjustment options)	OTHER FEATURES Network Options	Communication functions: - Via Wi-Fi [®] : EOS Utility, image.canon, Camera Connect, Streaming services (via Camera Connect and Live Switcher Mobile app), FTP via Content Transfer Professional, Camera Control API - Via Bluetooth: Camera Connect, BR-E1, BR-E2 - Via USB: EOS Utility, Camera Connect, FTP via Content Transfer Professional, Video calls/streaming (UVC/UAC) 4k 60p ⁴⁵ , 4k 30p, Full HD 60p and Full HD 30p ⁴⁶
Movie Length	Maximum recording time per recording of normal movies: Max. duration 6 hours for less than 100.0 fps movies. ⁴⁶ (100.0 fps or more max. duration 2 hours.) ³⁷ Maximum file size: Unlimited with exFAT-formatted SDXC cards; 4 GB with FAT32-formatted SDHC cards; 2 GB with FAT16/FAT12-formatted SD cards. ³⁸ Full HD – 1920x1080 at 179.8 / 150 / 119.9 / 100 fps- XF-HEVC 10 bit / XF-AVC 10 / 8 bit ³⁹ Slow & Fast Motion Movie (S&F) modes (S&F movie auto exposure / S&F movie shutter-priority AE / S&F movie aperture-priority AE / S&F movie manual exposure) - 180fps - 1fps recording speed with up to approx. 60x fast or approx. 7.5 x slow playback speed depending on the combinations of frame rates ⁴⁰	Custom Functions Metadata Tag	15 Custom Functions Copyright information (author/copyright holder) set on the camera is added to image Exif information. Change movie rotation information. Rec. time / Time code support Image rating (0-5 stars) By pressing the erase button during playback of images from continuous shooting, users can erase all of these images (a continuous scene) at once. Yes ⁴⁷ No Yes
High Frame Rate Movie	8.3-megapixel JPEG/HEIF still image frame grab from 4K UHD movie possible (HEIF only possible when HDR PQ is set) ⁴¹ MP4 H.264 / MPEG-4 AVC Canon Log: ON/OFF, HDR PQ: ON/OFF Standard LGOP⁴² 4K (59.94p/50.00p) XF-AVC S YCC422 10 bit Approx. 250 Mbps 4K (59.94p/50.00p) XF-HEVC S YCC422 10 bit Approx. 225 Mbps 4K (59.94p/50.00p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 150 Mbps 4K (29.97p/25.00p/23.98p) XF-AVC S YCC422 10 bit Approx. 150 Mbps 4K (29.97p/25.00p/23.98p) XF-HEVC S YCC422 10 bit Approx. 135 Mbps 4K (29.97p/25.00p/23.98p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 100 Mbps Full HD (179.82p/150.00p) XF-HEVC S / XF-AVC S YCC422 10 bit Approx. 150 Mbps Full HD (179.82p/150.00p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 105 Mbps Full HD (119.88p/100.00p) XF-HEVC S / XF-AVC S YCC422 10 bit Approx. 100 Mbps Full HD (119.88p/100.00p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 70 Mbps Full HD (59.94p/50.00p/29.97p/25.00p/23.98p) XF-HEVC S / XF-AVC S YCC422 10 bit Approx. 50 Mbps Full HD (59.94p/50.00p/29.97p/25.00p/23.98p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 35 Mbps	Water/Dust Resistance Voice Memo Intelligent Orientation Sensor Playback Zoom Display Formats	1.5x - 10x in 15 steps (1) Single image (2) Single image with information (2 levels) Basic - Shooting information (shutter speed, aperture, ISO and Image quality) Detailed - Shooting information (shutter speed, aperture, ISO, metering Image, quality and file size), Lens information, Brightness and RGB histogram, Waveform monitor(movie mode only), White balance, Picture Style, Colour space and noise reduction, Lens optical correction, GPS information, IPTC information (3) 4 image index (4) 9 image index (5) 36 image index (6) 100 image index (7) Jump Display (1, 10 or specified no. 1-100 images, start of burst sequence Date, Folder, Movies, Stills, Protected images, Rating) (8) Movie edit (9) RAW processing (10) Rating Image selection: All images, by Date, by Folder, Movies, Stills, Protected images or Rating Playback time: 1/2/3/5/10 or 20 seconds Repeat: On/Off Brightness: Yes RGB: Yes False colour for video Yes Yes , Waveform for video : Yes Select and erase images / Select range / All images in folder / All images on card / All found images (only during image search) Erase protection of 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 / Unprotect all found images (only during image search)
Frame Grab	8.3-megapixel JPEG/HEIF still image frame grab from 4K UHD movie possible (HEIF only possible when HDR PQ is set) ⁴¹	Slide Show	Repeat: On/Off Brightness: Yes RGB: Yes False colour for video Yes Yes , Waveform for video : Yes Select and erase images / Select range / All images in folder / All images on card / All found images (only during image search) Erase protection of 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 / Unprotect all found images (only during image search)
Bitrate/Mbps	MP4 H.264 / MPEG-4 AVC Canon Log: ON/OFF, HDR PQ: ON/OFF Standard LGOP⁴² 4K (59.94p/50.00p) XF-AVC S YCC422 10 bit Approx. 250 Mbps 4K (59.94p/50.00p) XF-HEVC S YCC422 10 bit Approx. 225 Mbps 4K (59.94p/50.00p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 150 Mbps 4K (29.97p/25.00p/23.98p) XF-AVC S YCC422 10 bit Approx. 150 Mbps 4K (29.97p/25.00p/23.98p) XF-HEVC S YCC422 10 bit Approx. 135 Mbps 4K (29.97p/25.00p/23.98p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 100 Mbps Full HD (179.82p/150.00p) XF-HEVC S / XF-AVC S YCC422 10 bit Approx. 150 Mbps Full HD (179.82p/150.00p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 105 Mbps Full HD (119.88p/100.00p) XF-HEVC S / XF-AVC S YCC422 10 bit Approx. 100 Mbps Full HD (119.88p/100.00p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 70 Mbps Full HD (59.94p/50.00p/29.97p/25.00p/23.98p) XF-HEVC S / XF-AVC S YCC422 10 bit Approx. 50 Mbps Full HD (59.94p/50.00p/29.97p/25.00p/23.98p) XF-HEVC S / XF-AVC S YCC420 8/10 bit Approx. 35 Mbps	Image Erase Protection	2 or 10 sec. Continuous. (1) Shooting menu (2) AF Menu (3) Playback menu (4) Communication Function (Network) (5) Function settings (Setup menu) (6) Customize controls (7) Custom Functions menu (8) My Menu
Dual Card Recording Microphone	No Built-in stereo microphone (48 Khz, 16-bit x 2 channels), 3.5mm external microphone or other microphones using the Multi-Function shoe	Self Timer Menu Categories	(8) My Menu 29 Languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean, Malay, Indonesia and Japanese Update possible by the user using memory card, Camera Connect app or EOS Utility (Camera, Lens, External Speedlite, BLE remote control, Lens adapter, Power zoom adapter, multi-function shoe compatible accessories)
HDMI Display	Output to external monitor only (output of images and shooting information, images are recorded to the card)	Menu Languages	
HDMI Output	Camera screen and External Monitor output (no recording to the card, camera screen shows images with shooting information) Auto: - 4K (UHD) 59.94p / 50.00p / 29.97p / 25.00p / 23.98p, - 1080 59.94p / 59.94i, 50.00p / 50.00i - 480 59.94p - 576 50p 1080p: - 1080 59.94p / 59.94i, 50.00p / 50.00i - 480 59.94p - 576 50p Uncompressed YCbCr 4:2:0, 8-bit or when CLog3/HDR PQ is enabled YCbCr 4:2:2, 10-bit, supporting BT.709, BT.2020, BT2100(PQ), when connected to compatible monitors. Sound output via HDMI is also possible	Firmware Update	

TECHNICAL SPECIFICATIONS

EOS R8 Mark II

INTERFACE		Operating Environment	0 – 40 °C, 85% or less humidity
Computer	SuperSpeed Plus USB 3.2 Gen 2 USB Type-C [®] connector also used for computer communication / smartphone communication / USB charge or power.	Dimensions (WxHxD)	Approx. 131.4 x 90.0 x 79.7 mm
Wi-Fi	Wireless LAN (IEEE 802.11ac) (5 GHz / 2.4 GHz) ⁴⁸ , with Bluetooth 5.3 support	Weight (body only)	Approx. 499g (546g with card and battery, Based on CIPA guidelines.)
Other	HDMI Micro out (Type D, HDMI-CEC not supported) External Microphone In (3.5mm Stereo mini jack) Headphone out (3.5mm Stereo mini jack) E3-type terminal (remote control terminal) Multi-function shoe		
DIRECT PRINT			
Canon Printers	Not supported		
PictBridge	Not supported		
STORAGE			
STORAGE: Type	SD/SDHC/SDXC and UHS-II/UHS-I/UHS speed class / SD speed class supported ⁴⁹		
SUPPORTED OPERATING SYSTEM			
PC	Windows 11 ⁵⁰		
Macintosh	macOS 26 / 15 / 14 / 13 ⁵¹		
SOFTWARE			
Image Processing	Digital Photo Professional Ver. 4.22.10 or later Digital Photo Professional Express mobile app Ver. 1.13.10 or later.		
Other	EOS Utility Ver. 3.21.10 or later, Picture Style Editor Ver. 1.33.10 or later, EOS Lens Registration Tool, EOS Web Service Registration Tool, Canon Camera Connect app Ver. 3.6.10 or later (iOS/Android), Content Transfer Professional app Ver. 2.1.0 or later (iOS/Android).		
POWER SOURCE			
Batteries	Rechargeable Li-ion Battery LP-E17 (supplied) ⁵²		
Battery Life	With LCD Approx. 340 shots (at 23°C) ⁵³ With Viewfinder Approx. 220 shots (at 23°C) ⁵⁴		
Battery Indicator	3 level indicator		
Power Saving	Screen dimmer: 5 sec. / 10 sec. / 15 sec. / 20 sec. / 25 sec. / 30 sec. / Disable ⁵⁵ Screen off: 5 sec. / 15 sec. / 30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / Disable Auto power off: 15 sec. / 30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / Disable ⁵⁶ Viewfinder off: 1 min. / 3 min. / Disable		
Power Supply & Battery Chargers	Battery charger LC-E17E, AC Adapter AC-E6N and DC Coupler DR-E18, AC Adapter Kit ACK-E18, PD-E1 / PD-E2 USB power adapters		
ACCESSORIES			
Cases / Straps	Protecting Cloth PC-E1 Protecting Cloth PC-E2 Provided strap Hand Strap E2 Rain cover ERC-R5L Rain cover ERC-R5S		
Lenses	All RF and RF-S lenses (EF & EF-S via Lens adapters) ⁵⁷		
Lens Adapters	EF TO EOS R ADAPTER, EF TO EOS R ADAPTER WITH CONTROL RING, EF TO EOS R Drop in filter ADAPTER		
Flash	Canon Speedlites (EL-1, EL-5, EL-10, EL-100, 90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 430EX III 470EX-AI, 550EX, 580EX, 580EX II, 600EX, 600EX-RT, 600EX-II-RT, Macro-Ring-Lite MR-14EX, Macro Ring Lite MR-14EX II, Macro Twin Lite MT-24EX, Macro Twin Lite MT-26EX Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT, Speedlite Transmitter ST-E3-RT V2, Speedlite Transmitter ST-E10) ⁵⁸ , Off-Camera Shoe Cord OC-E4A / OC-E3 Remote Switch RS-80E3, Remote Switch RS-60E3, TC-80N3 ⁵⁹ Remote control with E3 type socket or BR-E1 / BR-E2 Bluetooth [™] remote		
Remote Controller/Switch	Extension Grip EG-E2, GP-E2 GPS receiver ⁶⁰ , Multi-Function Shoe Adapter AD-E1, Multi-Function Shoe Directional Stereo Microphone DM-E1D (Mic), Multi-Function Shoe Adapter for Smartphone Link AD-P1 for Android, Stereo Microphone DM-E1 / DM-E100, Shoe cover ER-SC2, Tripod Grip ⁶¹ HG-100TBR / HG-200TBR, Interface Cable IFC-100U, Interface Cable IFC-400U		
Other			
PHYSICAL SPECIFICATIONS			
Body Materials	Primarily consists of a magnesium alloy (Partially aluminium alloy and partially polycarbonate resin with glass fibre.)		

Footnotes:

- [1] Yaw, pitch, and roll image stabilization performance, based on the CIPA 2024 standard with RF 24-105mm F2.8 L IS USM Z at a focal length of 105mm
- [2] VR shooting using RF5.2mm F2.8 L DUAL FISHEYE / RF-S3.9mm F3.5 STM DUAL FISHEYE / RF-S 7.8mm F4 STM DUAL is supported. Although it is a full-size mirrorless camera, you can also use VR lenses that support APS-C size sensor.
- [3] Operation of EF Cinema Lens is not guaranteed. Operation of the mount adapter EF-EOS R 0.71 X (sold separately) is not guaranteed.
- [4] The AF area available vary depending on the lens used. For lens related details, please refer to [Supplemental Information] for [EOS R8 Mark II] in "https://cam.start.canon".
- [5] During still photo shooting, with an f/1.2 lens, Centre AF point, One-Shot AF, at 23°C/73°F, ISO100. Excluding RF lenses with Defocus Smoothing coating
- [6] Intermittent AF-assist beams of external flash units not supported.
- [7] Via camera menu [Focus mode] AF / MF modes can be selected. Depending on the lens attached. When RF lenses without a focus mode switch are attached manual focus is selected on the camera. When RF/EF lenses with a focus mode switch are attached, the setting on the lens takes precedence.
- [8] The focus bracketing function availability vary depending on the lens used. For lens related details, please refer to [Supplemental Information] for [EOS R8 Mark II] in "https://cam.start.canon".
- [9] When set to Full-frame. Values differ when set to 1.6× (crop) or digital teleconverter is set.
- [10] When set to Full-frame. Values differ when set to 1.6× (crop) or digital teleconverter is set.
- [11] Anti-flicker shooting not available when using the electronic shutter. Maximum continuous shooting speed may decrease.
- [12] High-frequency anti-flicker shooting when set manually, the setting range is as follows. Maximum continuous shooting speed may decrease.
- Electronic 1st-curtain: 1/50.0 to 1/4096.0 sec.
 - Electronic shutter: 1/50.0 to 1/8192.0 sec.
 - Movie recording: 1/50.0 to 1/8192.0 sec. (NTSC/PAL) Flicker detect may not be effective in certain situations when shooting high frame rate movies.
- When using S&F movie recording, it depends on the movie fps setting.
- [13] ISO speeds are different when the camera is set to movie mode using Custom Picture settings such as Canon Log 3 or Highlight tone priority. Expanded ISO speeds cannot be set in HDR mode or for HDR shooting (HDR PQ) or Highlight tone priority.
- [14] Not equipped with a mechanical first curtain.
- [15] 1/16000 sec. is only available in Fv, Tv or M mode (up to 1/8000 sec. in P, or Av mode). When the 1/16000 sec. is set, exposure cannot be adjusted in 1/3-stop or 1/2-stop increments. Depending on the shooting conditions, adjustments may be made using the aperture value or ISO speed. Up to 1/8000 sec. when set to HDR mode, focus bracketing, or same exposure for new aperture (ISO speed/Shutter speed, Shutter speed).
- [16] The colour temperature setting only changes to match the colour temperature when an EL / EX-series Speedlite with colour temperature information transmission feature is used. Any other flash units are set to work with Approx. 6000 K.
- [17] The maximum frame rate during AF, half-press of the shutter button, or continuous shooting can be lower. Note that the display frame rate may be lower depending on the lens you are using and shooting conditions.
- [18] With 3.2 display, an RF 50mm F1.2 L USM lens at infinity, -1 m-1
- [19] Live View images differ from shooting results.
- [20] Suppress low frame rate may affect shooting performance, autofocus and metering operation, and other functions. Display smoothness may also be affected.
- [21] [Exposure+DOF] is available when using RF lenses and some EF lenses. For details on supported lenses, refer to [Supplemental Information] for [EOS R8 Mark II] on "https://cam.start.canon".
- [22] Available settings/options vary depending on Speedlite specifications.
- [23] First-curtain synchronization is used with shutter speeds faster than 1/30 sec.
- [24] Cannot be set in Basic Zone. Still photo shooting: Cannot be used with RAW / C-RAW, HDR shooting (PQ), HDR mode, multiple exposures, or focus bracketing. Movie recording: Cannot be used with HDR shooting (PQ) or Time-lapse movies.
- [25] Maximum burst applies under Canon testing standards using a 128 GB UHS-II card. File size, number of shots available, and maximum burst vary depending on shooting conditions and camera settings, including HDR shooting mode, image quality settings, subject, ISO speed, card performance, battery level, and operating temperature. Continuous shooting speed is slower when flicker is detected, even if anti-flicker shooting is off. For more details please see the User's Guide at "https://cam.start.canon"
- [26] Under Canon testing standards (One-Shot AF mode, Highspeed continuous shooting +, ISO 100, Standard Picture Style, and Room temperature: 23°C / 73°F) using a 128 GB UHS-II card, only RF lenses and some EF lenses can be used for continuous shooting at the maximum speed. The continuous shooting speed may be reduced by the lens, shutter speed, aperture, flash, subject conditions, and brightness (for example, when shooting in a dark place). Continuous shooting speed is slower when flicker is detected, even if anti-flicker shooting is off. For more details please see the User's Guide at "https://cam.start.canon"
- [27] Pre-Continuous Shooting requires lenses that support the maximum continuous shooting speed, check compatibility at https://cam.start.canon/en/H001/supplement_0080.html
- [28] Only major version data is supported (data other than major version data is unchanged from Exif 2.31)
- [29] 4K UHD and Full HD is 100% horizontal angle of view.
- When movie cropping is enabled, the horizontal angle of view is Approx. 62%.
- [30] Generated from 6K oversampling, except for 4K movie cropping and smooth skin movies.
- [31] Movie cropping is selectable with RF/EF lenses, but is automatically applied when using RF-S or EF-S lenses.
- [32] Playback frame rate; sound is not recorded
- [33] When set to 179.82/150.00 fps, only exFAT-formatted cards can be used for recording.
- Maximum shutter speed when set to 179.82 fps is 1/200 sec.
- [34] Movie cropping is selectable with RF/EF lenses, but is automatically applied when using RF-S or EF-S lenses.
- [35] Playback frame rate; sound is not recorded
- [36] Except when movie recording stops due to overheating, the power supply used, errors, or other reasons.
- [37] Only exFAT-formatted cards can be used for recording (recording to FAT32-formatted cards is not possible).
- [38] When the file size limit is reached on FAT-formatted cards, recording continues in a new file. Split files are handled as a single movie during in-camera playback.
- [39] Movie is recorded with audio and the movie is played back at actual speed. The movie is played in slow motion at 29.97 fps (NTSC) /25.00 fps (PAL) when played back. Only exFAT-formatted cards can be used for recording (recording to FAT32-formatted cards is not possible).
- [40] Sound is not recorded. The video frame rate displayed on screen during standby or recording or on the HDMI output will be the same as the movie fps. However, the maximum frame rate will be 59.94 fps (NTSC) / 50.00 fps (PAL). Only exFAT-formatted cards can be used for recording (recording to FAT32-formatted cards is not possible). Cannot be used with Pre-recording or Subject tracking IS. Cannot be used with Digital zoom, Movie auto slow shutter, Custom shooting modes, Audio settings, Live streaming, Time-lapse movies. [fps] is fixed at 23.98 fps (NTSC) / 25.00 fps (PAL) when [Cinema view] is set. Can be used with time codes. Autofocus may be limited under certain low-light, low-contrast, or small-aperture shooting conditions.
- [41] Movies enabling extraction: 4K / 4K Cropped
- Extraction is not possible from Canon Log 3 movies.
- Extracted still photos cannot be resized or cropped within the camera.

- [42] Video bit rate indicates video only; audio and metadata are not included. When [Audio format: AAC / 16bit / 2CH] is set.
- [43] When set to 4K 59.94p/50.00p, maximum expanded ISO speed is equivalent to ISO 51200. Maximum ISO speed when set automatically corresponds to the [Max for Auto] setting. The lower end of the ISO speed range starts at ISO 200 when the camera is set to [Highlight tone priority].
- [44] Maximum expanded ISO speed is equivalent to ISO 51200 when set to 4K 59.94p/50.00p, even with [Maximum] set to [H (102400)].
- [45] Not available in Smooth skin movie mode
- [46] 60 fps or 30 fps regardless of NTSC/PAL settings
- [47] Although the camera features dust- and water-resistant construction, this cannot completely prevent dust or water droplets from entering the camera. To ensure adequate weather sealing, the supplied shoe cover should be used unless a weather sealed accessory is inserted in the Multi Function shoe.
- [48] Wi-Fi® use may be restricted in certain countries or regions
- [49] UHS-II high speed SDXC cards are recommended for 4K video recording and high speed continuous shooting. Eye-Fi cards and MultiMediaCards (MMC) not supported.
- [50] Compatibility of Canon applications cannot be guaranteed on upgraded operating systems.
- [51] Compatibility of Canon applications cannot be guaranteed on upgraded operating systems.
- [52] Charging over USB is supported. With unauthenticated batteries, charging over USB is not supported. Batteries may not be charged unless the remaining battery level is low.
- [53] Based on the CIPA Standard and using the battery supplied with the camera, in power saving mode. The number of shots available may vary greatly depending on the shooting environment. Fewer shots may be available with a compatible accessory attached to the multifunction shoe, because the camera powers the accessory.
- [54] Based on the CIPA Standard and using the battery supplied with the camera, in power saving mode. The number of shots available may vary greatly depending on the shooting environment. Fewer shots may be available with a compatible accessory attached to the multifunction shoe, because the camera powers the accessory.
- [55] If the camera remains idle until the specified time elapses, the screen is dimmed and lower video frame rates are used. [Power off] and [Screen off] can be assigned to buttons using button customization.
- [56] If a network error occurs during image transfer, in some cases the Auto power off time may be extended due to the automatic attempt to transfer the images once again.
- [57] For lens related details, please refer to [Supplemental Information] for [EOS R8 Mark II] on "https://cam.start.canon".
- [58] Speedlites with dust and water resistant adapters must use Multi-Function Shoe Adapter AD-E1 to retain weather sealing
- [59] Requires Remote Controller Adapter RA-E3
- [60] Cannot be connected using an interface cable. Digital compass not supported. Requires Multi-Function Shoe Adapter AD-E1.
- [61] Note that total camera mount load capacity for camera, lens, microphone, and other accessories should not exceed 1 kg /35.3 oz. When using an external microphone, depending on the lens used, the sound may be interrupted by the lens and then the sound may not be properly collected.

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**CREATED TO
EXPLORE**

EOS R8 Mark II

The EOS R8 Mark II is a full-frame mirrorless camera that combines portability, simplicity and beautiful image quality, designed for photographers who want to tell richer travel stories with ease. It sits above the EOS RP and EOS R8, and at a similar level to the EOS R7 – although its full-frame sensor will appeal to a more creative audience.



What's in the box

EOS R8 Mark II Body - 5 GHz & 2.4 GHz

- EOS R8 Mark II Body
- Shoe cover ER-SC2
- Camera Cover R-F-S
- Neck Strap ER-100G
- Battery Pack LP-E17
- Battery Pack Cover
- User Manual

EOS R8 Mark II + RF24-105 F4-7.1 IS - 5 GHz & 2.4 GHz

- EOS R8 Mark II Body
- Shoe cover ER-SC2
- Camera Cover R-F-S
- Neck Strap ER-100G
- Battery Pack LP-E17
- Battery Pack Cover
- RF24-105mm F4-7.1 IS STM
- Lens Cap E-67II
- Lens Dust Cap RF¹
- User Manual

