

**EOS**

**Canon**

Delighting You Always



**EOS R SYSTEM**

# **Expand Your Creative Possibilities**



**FULL-FRAME MIRRORLESS**



# EOS R SYSTEM: REIMAGINE OPTICAL EXCELLENCE

Introducing the next evolution of EOS. It's a whole new system with a new, game-changing RF lens mount that delivers optical excellence today and incredible possibilities for future designs. The new EOS R full-frame mirrorless system provides gorgeous results, with 10 RF lenses reimagining Canon optics and three optional mount adapters that help ensure you can bring your EF and EF-S lenses along. With advanced features and compact designs, the brand new EOS R system is designed to take today's visual storytellers into tomorrow.



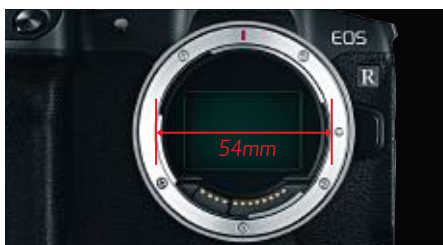


Marking a new chapter in the history of EOS, the EOS R system is built for image-makers who demand high-performance capture, a full-frame sensor and excellent ergonomics. A 54mm diameter lens mount enables RF lenses to have large rear elements, while a mirrorless design brings them closer to the sensor for bright, sharp and compact lens designs. A 12-pin electronic connection delivers fast communication between the camera and the lens, facilitating a versatile and powerful system. Plus, with a variety of mount adapter options providing compatibility with EF and EF-S lenses, it's easy to incorporate your EOS R system into an EOS system and expand your creative opportunities.

# A NEW STANDARD IN OPTICAL IMAGE QUALITY

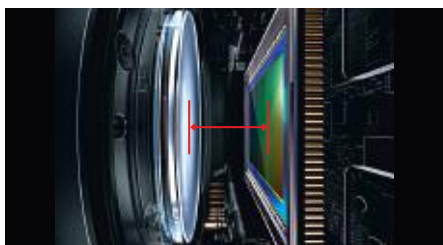
## New RF Mount

At the heart of the EOS R system lies the amazing RF mount. It's newly designed to deliver the ideal combination of speed, durability and flexibility in optical design for excellent performance and future system expansion, plus compatibility with EF and EF-S lenses\*.



## 54mm Large Diameter and Short Back Focus

The large diameter and decreased distance between the rear lens element and sensor enable a compelling combination of image quality, performance and compact lens design. The new RF mount retains the same, large 54mm diameter as the current Canon EF mount, and thanks to the mirrorless structure of EOS R system cameras, the rear lens element can be much closer to the image plane. This combination opens up a number of possibilities. The rear element of RF lenses can be larger in diameter, improving image quality at the corners and outer edges of the frame. Larger rear elements mean front elements can be smaller, meaning lesser refraction and bending of light rays within the lens, enhancing optical performance. Most importantly, the EOS R system opens the door to the future. It unlocks more freedom and flexibility in lens designs, allowing faster lenses with increased optical performance in more compact forms than before.

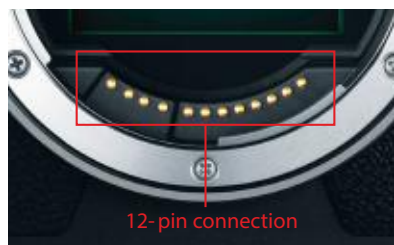


# RF MOUNT



## Data Transmission Through 12-pin Electrodes

A 12-pin connection between the camera and lens means communication at a higher speed with larger amounts of data transfer, enabling incredibly fast autofocus (AF), high image stabilization (IS) and image optimisation. It's a system designed to expedite operations that's ready for future expansions.



## 20mm Flange Focal Distance

The RF mount is mounted just 20mm from the image sensor. This provides flexibility for future lens designs and the durability needed for professional, real-world operation, even when using super telephoto lenses.

54MM  
DIAMETER



\* Optional Mount Adapters are required when using EF/EF-S lenses with an EOS R system camera.



# BEYOND FULL COMPATIBILITY

## Discover New Possibilities with EF/EF-S Lenses

Mount adapters deliver seamless connections between the EOS R system cameras and EF/EF-S lenses with all functions intact. Offering L-Series-level weather and dust sealing, the mount adapters are even compatible with EF extenders such as the Extender EF 1.4x III to extend your camera's optical reach. With an entire line-up of EF and EF-S lenses at your disposal, these mount adapters ensure endless creative possibilities for the EOS R system cameras.

## Additional Control with EF/EF-S Lenses

Take full advantage of the EOS system by using any EF/EF-S lens with the EOS R System cameras by way of three optional mount adapters, including one featuring a customisable control ring and another allowing you to drop in a circular polarising or variable ND filter.





# NEW LENS DESIGNS WITH STELLAR IMAGE QUALITY

## AMAZING PERFORMANCE

### Optical Image Stabilization

Select RF lenses feature optical Image Stabilization technology that's designed to work in conjunction with the EOS R and EOS RP. Both the camera and the lens share data to dramatically reduce camera-shake blur, regardless of the situation and whether shooting video or stills, to deliver impressively clear results.

### Control Ring

Almost all RF lenses incorporate a control ring on the lens barrel that can directly adjust numerous settings including shutter speed, aperture, exposure compensation and more. Located within the lens and effectively adding a third dial to the EOS R's and EOS RP's main dial and quick control dial, the control ring has a tactile, easily distinguished surface and features a clicking mechanism that provides tangible feedback for confident use while looking through the viewfinder.



### Lens Information Display

Another helpful feature, the EOS R and EOS RP can display lens information right in the viewfinder, making it easy to confirm the settings without looking away from the subject at hand.



# RF LENSES



## Standard Zoom



### RF24-105mm f/4L IS USM

The RF24-105mm f/4L IS USM is versatile with its broad zoom range and constant f/4 maximum aperture, making it ideal for landscapes, portraits and much more. This is also the first L series lens to feature Canon's Nano USM for compact design and fast and quiet AF in movie shooting.



### RF24-70mm f/2.8L IS USM

The RF24-70mm f/2.8L IS USM offers the kind of image quality you would expect from a zoom lens. With a bright f/2.8 aperture at any focal length in its zoom range, its strong low-light capability together with up to 5 stops of image stabilisation, is perfect for a wide genre of photography.



### RF28-70mm f/2L USM

The RF28-70mm f/2L USM features a maximum aperture of f/2, offering unparalleled performance throughout its zoom range. With L series optics, it offers the flexibility and performance of a handful of fixed focal length lenses, delivering superlative performance from 28-70mm.

## Standard



### RF50mm f/1.2L USM

The RF50mm f/1.2L USM lens delivers gorgeous images in a large variety of situations. Designed specifically for the EOS R system, its f/1.2 aperture means amazing performance in low light, and beautiful detailed images with evocative background blur.



### RF85mm f/1.2L USM

The RF85mm f/1.2L USM is an ultra-fast prime lens that is great for low-light situations. It features an impressive 9-blade circular aperture with a maximum of f/1.2, producing superb bokeh for stunning portraiture.



### RF85mm f/1.2L USM DS

The RF85mm f/1.2L USM DS delivers the highest optical performance at maximum aperture among Canon interchangeable 85mm lenses\*. The Defocus Smoothing (DS) function ensures extremely smooth rendering of out-of-focus regions, producing soft and natural bokeh with delightful highlights and even fall-offs.

## Macro



### RF35mm f/1.8 Macro IS STM

Compact, lightweight and easy to carry, the RF35mm f/1.8 Macro IS STM lens offers amazing versatility in a wide-angle macro lens. It has a 0.5x magnification ratio and a close focusing distance of 0.56 ft./0.17m for excellent macro photography.

## Ultra-Wide Angle Zoom



### RF15-35mm f/2.8L IS USM

The RF15-35mm f/2.8L IS USM is a bright ultra-wide zoom lens with a constant f/2.8 maximum aperture, perfect for shooting landscapes, architecture, interiors and more. Ingenious optical design allows for high corner-to-corner resolution while the f/2.8 aperture at any focal length captures sharp subject with fantastic background separation.

## Telephoto Zoom



### RF24-240mm f/4-6.3 IS USM

The RF24-240mm f/4-6.3 IS USM has a 10x optical zoom in a compact body while providing excellent image stabilisation of up to 5 stops. Through the RF mount technology, the edge-to-edge clarity throughout its focal length is made possible. Driven by the tiny Nano USM, the RF24-240mm f/4-6.3 IS USM achieves superb speed when focusing while maintaining smooth transition.



### RF70-200mm f/2.8L IS USM

A remarkably fast telephoto zoom lens, the RF70-200mm f/2.8L IS USM brings consistent high image quality across its entire focal length with its large f/2.8 aperture. A rugged built and compact design makes the RF70-200mm f/2.8L IS USM ideal for sports, portraits, wedding and wildlife photography.



## VARIETY OF MOUNT ADAPTERS

To incorporate your EOS R system into a larger EOS system, three adapters enable unfettered operation of EF and EF-S lenses as well as extension tubes with no loss of light.



### Mount Adapter EF-EOS R

Lightweight and compact, the Mount Adapter EF-EOS R connects EF and EF-S lenses to the EOS R camera, exponentially expanding the list of compatible lenses.



### Control Ring Mount Adapter EF-EOS R

The Control Ring Mount Adapter EF-EOS R adds a control ring like those found on RF lenses, providing the same level of control with your EF and EF-S lenses and supporting the same setting configuration regardless of lens.



### Drop-In Filter Mount Adapter EF-EOS R

The Drop-in Filter Mount Adapter EF-EOS R enables compatibility with EF and EF-S lenses and includes drop-in filter capability for use with circular polarising filters or variable ND filters. This enhancement enables compatibility with numerous lenses regardless of their front diameter, and makes filter use possible with lenses such as the ultra-wide EF 11-24mm f/4L USM lens or the tilt-shift TS-E 17mm f/4L lens which cannot accept a filter on the front.



# ENTER THE NEW WORLD OF THE EOS R AND EOS RP



EOS RP

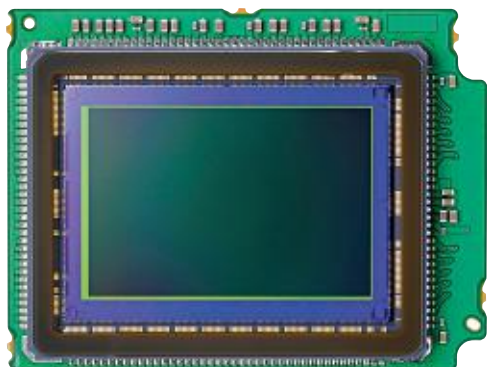


EOS R

## SUPERB IMAGE QUALITY

### 30.3MP<sup>[R]</sup> / 26.2MP<sup>[RP]</sup> Full-frame CMOS Sensor and DIGIC 8 Image Processor

The EOS R and EOS RP feature a 35mm full-frame CMOS sensor with approximately 30.3<sup>[R]</sup> / 26.2<sup>[RP]</sup> effective megapixels for stunning results with incredible detail and clarity, even in low-light situations. They are powered by the DIGIC 8 Image Processor, which enables an expansive ISO range, enhances image stabilisation and turbocharges operations across the board for outstanding image quality and impressive performance.



ISO 40000

### ISO 40000

The EOS R and EOS RP have a standard ISO sensitivity range of 100–40000 for stills and 100–25600 for video (100–12800 for 4K video shooting). Combined with their remarkable low-light AF performance, still and video shooting are possible even in dark situations in a variety of places and occasions.

# AMAZING AUTOFOCUS



Approx. 88% x 100% AF area coverage\*\*

## Sophisticated AF System and Wide AF Area

The EOS R's and EOS RP's AF system features up to 5,655<sup>[R]</sup> / 4,779<sup>[RP]</sup> manually selectable AF positions\*. Combined with a focus area that covers approximately 88% horizontal and 100% vertical\*\* when using RF lenses and select EF lenses, this AF system helps ensure swift and accurate focus no matter where your subject is located in the frame.



EV -6<sup>^</sup>

## EV -6<sup>[R]</sup> / -5<sup>[RP]</sup><sup>^</sup> Low-light Autofocus

Amazing for night-time photography or in very low light, the EOS R's and EOS RP's brilliant AF can operate in light as dim as a light rating of EV -6<sup>[R]</sup> / -5<sup>[RP]</sup><sup>^</sup>. Phenomenal AF is achieved even when using lenses with high F numbers. This ultra-sensitive AF works together with their EVF to clearly capture subjects even when there's limited light.

## High-speed Focusing

The EOS R's and EOS RP's highly responsive Dual Pixel CMOS AF system can deliver sharp focus within 0.05 seconds\*\*\*. This means fast action can be captured and focus can be maintained with speed, accuracy and ease.

## Touch and Drag AF

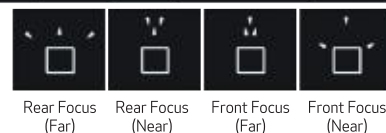
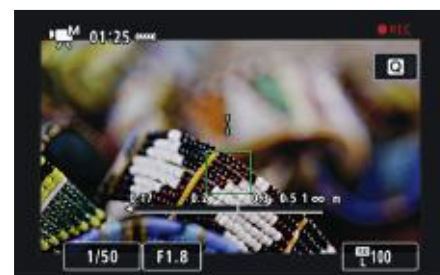
Touch and Drag AF makes it fast and easy to select a focus point without taking your eye away from the viewfinder. Using the Touchscreen LCD, it's as simple as pointing to the desired area of focus. The chosen AF point is then displayed in the camera's EVF for quick confirmation.

## Variety of AF Modes

The EOS R and EOS RP feature an expanded range of selectable AF modes to adapt to specific situations and subjects. For example, with Eye Detection AF, when the EOS R / EOS RP detects a human face, it automatically uses the subject's eye as the autofocus point and maintains focus as the subject moves through the image frame. Eye Detection AF can also be used in conjunction with Servo AF and Movie AF modes (firmware update might be required).

## Focus Peaking and Dual Pixel Focus Guide

For help when using manual focus, Focus Peaking helps establish the focus area quickly and clearly by indicating the area in focus with a coloured line. It's usable with the Dual Pixel Focus Guide feature, which displays where the position of focus is relative to the subject and is especially helpful when recording video.



**EOS R**

\* Available AF points may decrease when shooting with AF cropping or in movie mode, or depending on camera settings or lens attached. \*\* When shooting still photos. Actual coverage varies depending on the lens in use. \*\*\* Based on the results of AF speed tests in accordance with CIPA guidelines. Results may vary depending on shooting conditions and lens in use. Relies on internal measurement method. Test conditions: • Brightness at time of distance measurement: EV12 (regular temperature, ISO 100) • Shooting mode: M • Lens in use: RF24-105mm F4 L IS USM, with a focal distance of 24mm • Live-view mode: On (with manual shutter button operation) • AF mode: Live single-point AF (central) • AF operation: One-shot AF • When using RF 50mm F1.2 L USM, with central AF point. ^ Works with selected lenses only. For image clarity, the use of a tripod with remote switch or wireless remote control is recommended. Shutter speed, aperture, and ISO sensitivity settings must be fixed to match the condition of first exposure in the series. The [Auto] Picture Style cannot be selected. ^^^ 4K All-I recording requires an SD Memory card with a UHS-II, video speed class 60 (V60) or higher.



## Focus Bracketing

[ ONLY APPLICABLE FOR EOS RP ]

Focus Bracketing<sup>^^</sup> is useful for photography in situations with shallow depth of field, especially in macro where it is not possible to have multiple subjects in focus. Select your nearest focal point, focusing range interval and the desired number of shots (2 to 999), then the camera will take a series of photos based on your settings. Using Canon's Digital Photo Professional software, you can easily merge the photos together into one single high-resolution photo with corner-to-corner clarity.



## f/8 and f/11 Compatible in All AF Areas

[ f/8 COMPATIBILITY ONLY APPLICABLE FOR EOS R ]

With the EOS R and EOS RP, autofocus will operate over nearly the entire image area even when used with compatible f/8 and f/11 lenses. This means they can easily achieve sharp AF using lenses with smaller apertures, and is even compatible with select EF extenders for uncompromised shooting at an expanded range of focal lengths.

# ADVANCED 4K VIDEO



**EOS RP**



## 4K 30p/25p/24p, FHD 60p/50p/30p/25p/24p, HD 120p/100p/60p/50p/30p/25p

[ EOS RP — 4K 25p/24p, FHD 60p/50p/30p/25p/24p\*,  
HD 60p/50p/30p/25p ]

Whether shooting videos for your blog or to share with friends online, or as a secondary camera on a large production, the EOS R and EOS RP offer advanced recording features such as EOS R's 4K at 29.97 fps/25 fps, Full HD at 59.94 fps/50 fps and HD at 119.9 fps/100 fps. Helpful functions include distortion correction during recording and Movie Digital IS. Additionally, video can be recorded during still photo shooting by simply pressing the movie shooting button.

\*available via firmware update

## 4K IPB/ALL-I MP4 H.264

[ ONLY APPLICABLE FOR EOS R ]

The EOS R can record 4K video using IPB or ALL-I compression<sup>^^^</sup> and save them as MP4 files. This helps provide further flexibility with file size, image quality and integration with video clips recorded with other cameras.

## Canon Log

[ ONLY APPLICABLE FOR EOS R ]

Built-in Canon Log gamma reduces heavy shadows and blown-out highlights, delivering movie images with approximately 12 stops of dynamic range (at ISO 400) for excellent shadow and highlight detail. Ideal for post-production and multi-camera set-ups, Canon Log is an indispensable feature that makes the EOS R camera a serious moviemaking performer.



Normal image



Canon Log image

## HDMI Output for 4K 4:2:2 Video

The EOS R and EOS RP feature an HDMI port that's useful for outputting recorded video directly to an external drive. For maximum color and dynamic range when shooting with Canon Log, the EOS R can even output 10-bit movie recordings in ITU-R BT.2020 color.

# ROBUST FEATURES MAXIMISE YOUR SHOOTING CAPABILITY

## IMPRESSIVE OPERABILITY

### 3.69<sup>[R]</sup> / 2.36<sup>[RP]</sup> Million-dot OLED EVF

The EOS R and EOS RP feature a high-precision 0.5-inch<sup>[R]</sup> / 0.39-inch<sup>[RP]</sup> OLED (Organic Light-Emitting Diode) EVF with approximately 3.69<sup>[R]</sup> / 2.36<sup>[RP]</sup> million dots and a 23<sup>[R]</sup> / 22<sup>[RP]</sup> mm-high eyepoint design. Displaying a bright image and extensive shooting information according to the camera's orientation, the viewfinder excels in bright conditions where viewing the camera's LCD may prove difficult.



### Excellent Visibility

The EOS R's and EOS RP's electronic viewfinder has been created to provide a bright, sharp and colourful 100% view of the subject at hand. Equipped with an aspherical lens, the EOS R's EVF shows a crisp and vivid image with minimal aberration or distortion, even when the eye moves off the center of the visual field.

### High Eyepoint

[EOS RP — 22mm-high Eyepoint, -4 to +1 Dioptic Adjustment]

The EOS R's EVF has a bright, 23mm-high eyepoint design that creates a generous 30mm space between your nose and camera body. This makes it easy to compose and view images in the viewfinder with or without glasses. A dioptic adjustment of -4 to +2 means it's simple to change as needed to suit various users.



### Dot-matrix LCD Panel

[ONLY APPLICABLE FOR EOS R]

An LCD panel on the top of the EOS R camera features a dot-matrix display that gives real-time information on the camera's status, recording mode and more. It can be inverted from black to white to suit viewing preferences or the ambient light source.



### Shooting Modes Dial

[ONLY APPLICABLE FOR EOS RP]

The EOS RP's mode dial provides quick and easy access to a number of shooting modes and settings. For instance, the Special Scene Mode option gives you the opportunity to select from a variety of settings that includes modes such as Food, Group Photo, Kids, Panning, and even Silent Mode.



### 3.15<sup>[R]</sup> / 3.0<sup>[RP]</sup> Vari-angle Touchscreen LCD

The EOS R and EOS RP have a flexible 3.15<sup>[R]</sup> / 3.0<sup>[RP]</sup> Vari-angle LCD that makes it easy to compose and shoot from virtually any angle. Its touchscreen enables setting changes and more with just a tap.

### Flexible Priority Exposure Mode (Fv Mode)

With the EOS R's and EOS RP's all-new Flexible-priority AE mode (Fv), you can easily set features such as shutter speed, aperture and ISO to respond automatically or manually for greater convenience and flexibility.

### Creative Assist

[ONLY APPLICABLE FOR EOS RP]

The EOS RP's built-in Creative Assist feature makes it simple to change camera settings and see the results in real time, with effects such as brightness, contrast and saturation easily found on one menu.

### USB Charge Support

The EOS R and EOS RP are compatible with the USB Power Adapter PD-E1\* for in-camera charging via USB. Featuring an industry standard USB-C connector, the USB Power Adapter PD-E1 makes for easy charging without needing to remove the battery from the camera.

### Silent Shutter

Especially helpful for wildlife photography, journalism and quiet situations, the EOS R and EOS RP have a silent shutter feature that uses an inaudible electronic shutter instead of the camera's focal-plane shutter.





# NEW MOBILE RAW WORKFLOW

## DPP Express\*\*

Canon's Digital Photo Professional Express makes speedy processing of JPEGs and CR3 RAW files on a compatible handheld device a breeze. Working with Canon's Camera Connect app\*\*\* to create a streamlined wireless workflow, DPP Express lets you adjust your images right off your mobile devices while on the go.



# IMPROVED DURABILITY

## Magnesium Alloy Body

[ ONLY APPLICABLE FOR EOS R ]

Comfortable and solid in the hand, the EOS R camera features a rigid yet lightweight magnesium alloy chassis that enhances body durability while shielding the camera from electromagnetic radiation and heat.



## Shutter Closes if Powered Off

[ ONLY APPLICABLE FOR EOS R ]

The EOS R camera has a mechanism to close the shutter when the camera is powered down to prevent dust from entering the sensor area during changing of lens.

## Shutter Durability

The EOS R and EOS RP have a robust, electronically controlled focal-plane shutter that's rated to approximately 200,000 [R] / 100,000 [RP] cycles for consistent and reliable use. The EOS R shoots as fast as 1/8000 sec. at up to 8 fps and up to 5 fps with Servo AF, while the EOS RP shoots as fast as 1/4000 sec. at up to 5 fps and up to 4 fps with Servo AF.



## Camera Connect App\*\*\*

Canon's Camera Connect app uses the EOS R's and EOS RP's built-in Wi-Fi® and Bluetooth® compatibility to connect to a compatible mobile device. This allows a number of functions from easy image transfer to remote shooting, to adding GPS information to your photos and videos and more.



## CR3

The EOS R and EOS RP can capture photos as Compact Raw, or C-Raw (.CR3) files, saving valuable time and storage space with ease. Smaller than RAW files, C-Raw files can be processed in-camera, can render an L-sized JPEG, are compatible with the Digital Lens Optimizer and more.

\* Sold separately. \*\* Compatible with iOS® versions 11.0 or later. Subscription fee applies. \*\*\* Compatible with iOS® versions 11.0 or later, Android™ smartphone and tablet versions 5.0/5.1/6.0/7.0/7.1/8.0/8.1/9.0/10.0. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.





## SETTINGS

1/85<sub>sec.</sub>

f/8

ISO 800

## EQUIPMENT



EOS RP



RF 24-105mm  
f/4 L IS USM







SETTINGS  
1/800<sub>sec.</sub>  
f/9  
ISO 1000

EQUIPMENT



EOS R



RF 24-240mm  
f/4-6.3 IS USM





## SETTINGS

1/200<sub>sec.</sub>

f/4

ISO 12800

## EQUIPMENT



EOS RP



RF 50mm  
f/1.2 L USM



## SETTINGS

6<sub>sec.</sub>

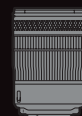
f/16

ISO 100

## EQUIPMENT



EOS R



RF 15-35mm  
f/2.8 L IS USM

SPECIFICATIONS		EOS R	EOS RP
IMAGE SENSOR			
Type	Approx. 30.3 effective megapixels, full-frame (36.0 × 24.0mm) CMOS sensor		Approx. 26.2 effective megapixels, full-frame (35.9 × 24.0mm) CMOS sensor
RECORDING SYSTEM			
Pixels recorded	Large/RAW/C-RAW: 6720 × 4480, Medium: 4464 × 2976, Small 1: 3360 × 2240, Small 2: 2400 × 1600		Large/RAW/C-RAW: 6240 × 4160, Medium: 4160 × 2768, Small 1: 3120 × 2080, Small 2: 2400 × 1600
IMAGE PROCESSING DURING SHOOTING			
Picture style	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined 1–3		Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined 1–3
White balance	White balance correction and white balance bracketing features provided * Flash colour temperature information transmission possible		White balance correction and white balance bracketing features provided * Flash colour temperature information transmission possible
Image correction	Auto Lighting Optimizer, Highlight tone priority, Lens aberration correction		Auto Lighting Optimizer, Highlight tone priority, Lens aberration correction
AUTOFOCUS			
Focus method	Dual Pixel CMOS AF		Dual Pixel CMOS AF, Contrast AF (for 4K movie recording)
AF method	Face+Tracking (Eye Detection AF selectable), 1-point AF, Expand AF area (vertically/horizontally), Expand AF area (around), Zone AF, Large Zone AF (vertical), Large Zone AF (horizontal)		Face+Tracking (Eye Detection AF Selectable), Spot AF, 1-point AF, Expand AF area (vertically/horizontally), Expand AF area (around), Zone AF
Available AF positions	Max. 5,655		Max. 4,779
Available AF areas when automatically selected	Max. 143		Max. 143
Touch & drag AF	Available		Available
AF operation	One-Shot AF, Servo AF		One-Shot AF, Servo AF
Focusing brightness range	[Stills] EV -6 to 18 (f/1.2*, center AF point, at room temperature, ISO 100, One-Shot AF), [Video] EV -4 to 18 (f/1.2*, center AF point, at room temperature, ISO 100, One-shot AF, 29.97 fps) * Except RF lenses with a Defocus Smoothing (DS) coating		[Stills] EV -5 to 18 (f/1.2*, center AF point, at room temperature, ISO 100, One-Shot AF), [Video] EV -2.5 to 18 (f/1.2*, center AF point, at room temperature, ISO 100, One-shot AF, 29.97 fps) * Except RF lenses with a Defocus Smoothing (DS) coating
Focus bracketing	Not Available		Available
EXPOSURE CONTROL			
Metering mode	Real-time metering using the image sensor, 384-zone (24 × 16) metering		Real-time metering using the image sensor, 384-zone (24 × 16) metering
Shutter speed	1/8000 sec. to 30 sec. (total shutter speed range; available range varies by shooting mode), Bulb, X-sync at 1/200 sec.		1/4000 sec. to 30 sec. (total shutter speed range; available range varies by shooting mode), Bulb, X-sync at 1/180 sec.
Shooting mode	[Stills] Scene Intelligent Auto, Flexible-priority AE, Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure, Bulb exposure, Custom shooting modes (C1/C2/C3) [Video] Scene Intelligent Auto, Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure, Custom shooting modes (C1/C2/C3)		[Stills] Basic Zone: Scene Intelligent Auto, Special scene (Portrait, Group Photo, Landscape, Sports, Kids, Panning, Close-up, Food, Night Portrait, Handheld Night Scene, HDR Backlight Control, Silent Mode), Creative Zone: Flexible-priority AE, Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure, Bulb, Custom shooting modes (C1/C2/C3) [Video] Movie auto exposure, Movie manual exp., HDR movie
ISO speed (recommended exposure index)	[Stills] ISO 100 to 40000 (in 1/3-stop or whole-stop increments) [Video] 4K: ISO 100 to 12800 (in 1/3-stop or whole-stop increments) Full HD/HD: ISO 100 to 25600 (in 1/3-stop or whole-stop increments)		[Stills] ISO 100 to 40000 (in 1/3-stop or whole-stop increments) [Video] 4K: ISO 100 to 12800 (in 1/3-stop or whole-stop increments) Full HD/HD: ISO 100 to 25600 (in whole-stop increments)
ISO Expansion	[Stills] L: 50, H1: 51200, H2: 102400, [Video] H2: 102400		[Stills] L: 50, H1: 51200, H2: 102400, [Video] H2: 102400
Exposure compensation	[Stills] Manual: ±3 stops in 1/3- or 1/2-stop increments, AEB: ±3 stops in 1/3- or 1/2-stop increments, [Video] ±3 stops in 1/3- or 1/2-stop increments		[Stills] Manual: ±3 stops in 1/3- or 1/2-stop increments, AEB: ±3 stops in 1/3- or 1/2-stop increments, [Video] ±3 stops in 1/3- or 1/2-stop increments
HDR shooting	Available		Available
Multiple exposures	Available		Available
DRIVE SYSTEM			
Continuous shooting speed	One Shot AF: Max. approx. 8 fps Servo AF: Max. approx. 5 fps		One Shot AF: Max. approx. 5 fps Servo AF: Max. approx. 4 fps
MOVIE RECORDING			
Movie recording size	4K (3840 × 2160), Full HD (1920 × 1080), HD (1280 × 720)		4K (3840 × 2160), Full HD (1920 × 1080), HD (1280 × 720)
Frame rate	4K: (29.97p/25.00p/24.00p/23.98p) Timelapse (29.97p/25.00p) Full HD: (59.94p/50.00p/29.97p/25.00p/24.00p/23.98p) HDR movie (29.97/25.00p) Timelapse (29.97p/25.00p) HD: (119.9p/100.0p/59.94p/50.00p, 29.97p/25.00p)		4K: (25.00p/23.98p) Timelapse (29.97p/25.00p) Full HD: (59.94p/50.00p/29.97p/25.00p/23.98p*) HDR movie (29.97p/25.00p) Timelapse (29.97p/25.00p) HD: (59.94p/50.00p, 29.9p/25.00p) * 23.98p available via firmware update.
Movie recording modes	Movie crop, movie digital IS, HDR movies, Time-lapse movies		Movie crop, movie digital IS, HDR movies, Video snapshot, Time-lapse movies
Time code	Can be appended		Not Available
Canon Log	Available for card recording (when set to 8-bit) and HDMI output (when set to 8-bit/10-bit)		Not Available
SCREEN			
Type	Vari-angle, touch screen, TFT color, liquid-crystal monitor		Vari-angle, touch screen, TFT color, liquid-crystal monitor
Screen size and dots	Approx. 8.01cm (3.2) with approx. 2.1 million dots		Approx. 7.5cm (3.2) with approx. 1.04 million dots
VIEWFINDER			
Type	OLED Electronic Viewfinder		OLED Electronic Viewfinder
Screen size and dots	0.5-inch with approx. 3.69 million dots		0.39-inch with approx. 2.36 million dots
INTERFACE			
Digital terminal	Super-Speed USB (USB 3.1 Gen 1) equivalent, USB Type-C		Hi-Speed USB equivalent; USB Type-C
HDMI mini OUT terminal	Type C (auto switching of resolution)		Type C (auto switching of resolution)
External microphone IN terminal	3.5mm diameter stereo mini-jack		3.5mm diameter stereo mini-jack
Remote control terminal	Compatible with Remote Switch RS-60E3		Compatible with Remote Switch RS-60E3
Wireless remote control	Compatible with Wireless Remote Control BR-E1 (via Bluetooth)		Compatible with Wireless Remote Control BR-E1 (via Bluetooth)
Headphone	Headphone terminal provided, volume adjustable		Headphone terminal provided, volume adjustable
WIRELESS FEATURES			
Wi-Fi	IEEE 802.11b/g/n		IEEE 802.11b/g/n
Bluetooth	Bluetooth Specification Version 4.1 compliant (Bluetooth low energy technology)		Bluetooth Specification Version 4.1 compliant (Bluetooth low energy technology)
POWER			
Battery	Battery Pack LP-E6N/LP-E6 * USB Power Adapter PD-E1 enables in-camera charging of LP-E6N.		Battery Pack LP-E17 * USB Power Adapter PD-E1 enables in-camera charging of LP-E17.
DIMENSIONS AND WEIGHT			
Dimensions (W×H×D) (CIPA compliant)	Approx. 135.8 × 98.3 × 84.4mm		Approx. 132.5 × 85.0 × 70.0mm
Weight (CIPA compliant)	Approx. 660g (including battery pack and SD memory card)		Approx. 485g (including battery pack and SD memory card)



## STANDARD ZOOM

RF24–105mm f/4L IS USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	24–105mm, f/4
Lens Construction	18 elements in 14 groups
Diagonal Angle of View	84°00' – 23°20'
Focusing Actuator	Nano USM
Minimum Focusing Distance	0.45m
Image Stabilization	Provided (Up to 5 stops with compatible camera)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø83.5 × 107.3mm
Weight	Approx. 700g

RF24–70mm f/2.8L IS USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	24–70mm, f/2.8
Lens Construction	21 elements in 15 groups
Diagonal Angle of View	84°00' – 34°00'
Focusing Actuator	Nano USM
Minimum Focusing Distance	0.21m (wide), 0.38m (tele)
Image Stabilization	Provided (Up to 5 stops with compatible camera)
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø88.5 × 125.7mm
Weight	Approx. 900g

RF28–70mm f/2L USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	28–70mm, f/2
Lens Construction	19 elements in 13 groups
Diagonal Angle of View	75°00' – 34°00'
Focusing Actuator	Ring USM
Minimum Focusing Distance	0.39m
Image Stabilization	-
Aperture Blades	9 blades
Filter Size	95mm
Maximum Diameter & Length	Ø103.8 × 139.8mm
Weight	Approx. 1430g

## MACRO

RF35mm f/1.8 Macro IS STM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	35mm, f/1.8
Lens Construction	11 elements in 9 groups
Diagonal Angle of View	63°00'
Focusing Actuator	Gear-type STM
Minimum Focusing Distance	0.17m
Image Stabilization	Provided (Up to 5 stops with compatible camera)
Aperture Blades	9 blades
Filter Size	52mm
Maximum Diameter & Length	Ø74.4 × 62.8mm
Weight	Approx. 305g

## ULTRA-WIDE ANGLE ZOOM

RF15–35mm f/2.8L IS USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	15–35mm, f/2.8
Lens Construction	16 elements in 12 groups
Diagonal Angle of View	110°30' – 63°00'
Focusing Actuator	Nano USM
Minimum Focusing Distance	0.28m
Image Stabilization	Provided (Up to 5 stops with compatible camera)
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø88.5 × 126.8mm
Weight	Approx. 840g

## STANDARD

RF50mm f/1.2L USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	50mm, f/1.2
Lens Construction	15 elements in 9 groups
Diagonal Angle of View	46°00'
Focusing Actuator	Ring USM
Minimum Focusing Distance	0.4m
Image Stabilization	-
Aperture Blades	10 blades
Filter Size	77mm
Maximum Diameter & Length	Ø89.8 × 108.0mm
Weight	Approx. 950g

RF85mm f/1.2L USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	85mm, f/1.2
Lens Construction	13 elements in 9 groups
Diagonal Angle of View	28°30'
Focusing Actuator	Ring USM
Minimum Focusing Distance	0.85m
Image Stabilization	-
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø103.2 × 117.3mm
Weight	Approx. 1195g

RF85mm f/1.2L USM DS	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	85mm, f/1.2
Lens Construction	13 elements in 9 groups
Diagonal Angle of View	28°30'
Focusing Actuator	Ring USM
Minimum Focusing Distance	0.85m
Image Stabilization	-
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø103.2 × 117.3mm
Weight	Approx. 1195g

## TELEPHOTO ZOOM

RF24–240mm f/4–6.3 IS USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	24–240mm, f/4–6.3
Lens Construction	21 elements in 15 groups
Diagonal Angle of View	84°00' – 10°20'
Focusing Actuator	Nano USM
Minimum Focusing Distance	0.5m (wide), 0.78 (tele)
Image Stabilization	Provided (Up to 5 stops with compatible camera)
Aperture Blades	7 blades
Filter Size	72mm
Maximum Diameter & Length	Ø80.4 × 122.5mm
Weight	Approx. 750g

RF70–200mm f/2.8L IS USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	70–200mm, f/2.8
Lens Construction	17 elements in 13 groups
Diagonal Angle of View	34°00' – 12°00'
Focusing Actuator	Nano USM (focusing) and Nano USM (floating)
Minimum Focusing Distance	0.7m
Image Stabilization	Provided (Up to 5 stops with compatible camera)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø89.9 × 146mm
Weight	Approx. 1070g (excluding tripod mount)

More RF Lenses Info:





Delighting You Always

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