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Discover more about
the EOS R System

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EOS

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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 game-changing RF lens mount that delivers optical excellence today and incredible possibilities for future designs. The EOS R full-frame mirrorless system provides gorgeous results, with 17 RF lenses and 2 RF extenders, together with 3 optional mount adapters that ensure seamless compatibility with your EF and EF-S lenses. 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

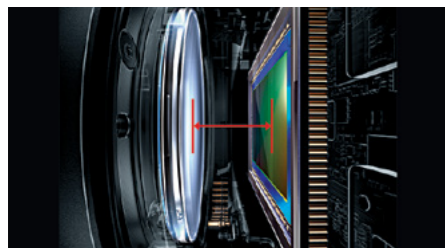
New RF Mount

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



54MM DIAMETER



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 stabilisation (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.



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.



ENTER THE NEW WORLD OF THE EOS R SYSTEM



EOS R6



EOS R5



EOS RP



EOS R



SUPERB IMAGE QUALITY

Full-frame CMOS Sensor and DIGIC X Image Processor

All cameras in the EOS R System feature a 35mm full-frame CMOS sensor with resolution as high as approximately 45.0 effective megapixels for stunning results with incredible details and clarity, even in low-light situations. EOS R System cameras are also powered by the latest DIGIC image processors (DIGIC X for EOS R5 and R6), which enables an expansive ISO range, enhances image stabilisation and turbocharges overall operation for outstanding image quality and impressive performance.

High-Speed Continuous Shooting

The high-speed data readout of the CMOS sensor and powerful DIGIC X processing prowess make it possible to achieve a maximum of approximately 20 fps with the electronic shutter (EOS R5 & EOS R6 only), making sure decisive moments can be captured in excellent detail and clarity.

HDR PQ 10-Bit Recording

[ONLY APPLICABLE TO EOS R5 AND EOS R6]

Recreate rich colour gradations when shooting stills and movies in HDR PQ, a gamma curve that realistically depicts light and hues as perceived by the human eyes. Users of EOS R5 and EOS R6 can also record HEIF (stills) / MP4 (movies) data using a 10-bit YCbCr 4:2:2 HEVC compression algorithm, complying with the Rec. ITU-R BT.2100 HDR standard.



Up to 100% x 100% AF area coverage*



EV -6.5²

Sophisticated AF System and Wide AF Area

Powered by Dual Pixel CMOS AF or the latest Dual Pixel CMOS AF II, EOS R System cameras take intuitive AF performance up a notch, with the EOS R6 giving you up to 6,072 manually selectable AF positions¹ to choose from (up to 5,940 for EOS R5, 5,655 for EOS R and 4,779 for EOS RP). AF coverage has also been widened to cover the entire frame from corner to corner when AF points are set to automatic selection (approx. 100% x 100% for EOS R5 and EOS R6 / approx. 88% x 100% for EOS R and EOS RP). This expanded AF area enables a versatile and responsive experience for AF precision, especially in sports and wildlife photography.

Up to EV -6.5 Low-light Autofocus

Precise autofocusing is possible even in near pitch-darkness, making EOS R System cameras amazing for night-time or low-light photography. The EOS R6's brilliant AF can operate in conditions as dim as a light rating of EV -6.5 (EV -6 for EOS R5 and EOS R, and EV -5 for EOS RP). 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 in almost near pitch darkness.

High-speed Focusing

EOS R System cameras are highly responsive and deliver sharp focus within 0.05 seconds³. 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

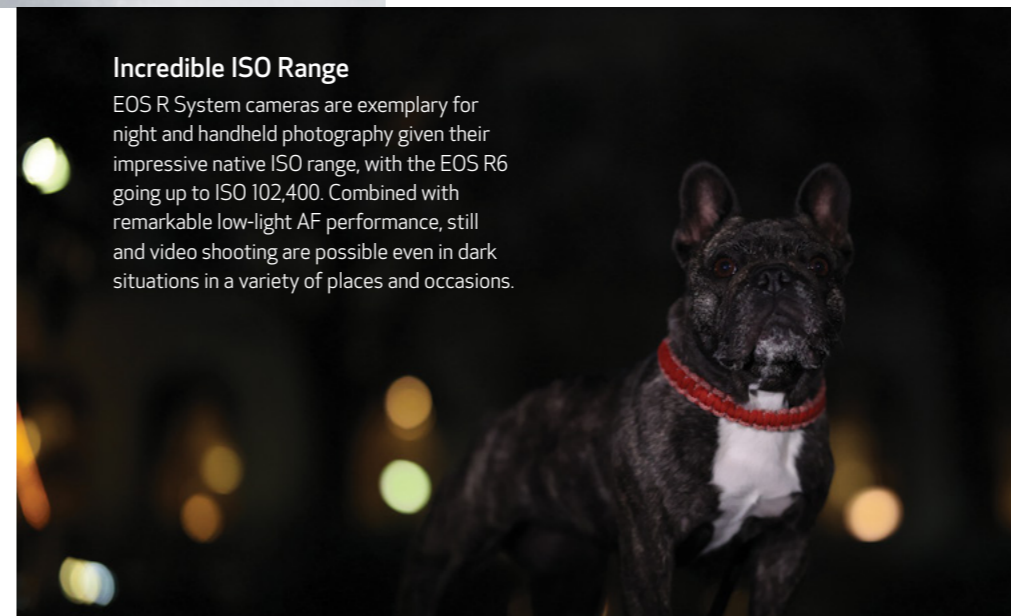
The EOS R System cameras feature an expanded range of selectable AF modes to adapt to specific situations and subjects. All models come with Eye Detection AF for stunning portraits with your subject always in focused, while enhanced algorithms in the EOS R5 and EOS R6 take things a step higher with accurate focus tracking of the eye or face and head detection, even when the subject is facing away from the camera.

Using deep learning technology, both the EOS R5 and EOS R6 have the unique and added capability of recognizing dogs, cats and birds to significantly increase the chance of getting the desired shot. The advanced Animal Detection AF steadily adjusts focus on the eye, face or body of the animals to enable faster, pinpoint detection and AF tracking of unpredictable movements such as birds readying to take flight.

AMAZING AUTOFOCUS

Incredible ISO Range

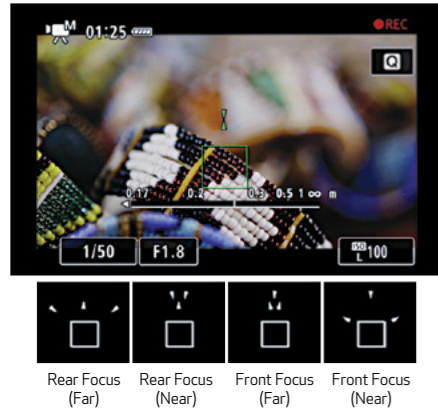
EOS R System cameras are exemplary for night and handheld photography given their impressive native ISO range, with the EOS R6 going up to ISO 102,400. Combined with remarkable low-light AF performance, still and video shooting are possible even in dark situations in a variety of places and occasions.



* When shooting still photos. Actual coverage varies depending on the lens in use and AF method. ¹ Available AF points may decrease when shooting with AF cropping or in movie mode, or depending on camera settings or lens attached. ² When using EOS R6 with RF50mm F1.2 L USM, with central AF point. ³ 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

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.



AF Support at f/22

With the EOS R System cameras, autofocus will operate even when paired with an f/22 lens. This means autofocus can be achieved when using the RF800mm f/11 IS STM with the Extender RF 2x attached, which increases the focal length to 1600mm at a maximum aperture of f/22!

Focus Bracketing

[EXCEPT EOS R]
Focus Bracketing* 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.



Stunning Video Resolution

The EOS R System cameras offer high quality 4K video recording with advanced features such as 4K time-lapse recording and Movie Digital IS. The EOS R and EOS R5 can also record video using IPB or ALL-I compression¹ and save them as MP4 files, offering flexibility in file size, image quality and integration with video clips recorded from other cameras.

In particular, the EOS R5 takes you into a whole new realm of 8K video making. Introduced for the first time in Canon's EOS line-up, the EOS R5 lets you capture 8K RAW/DCI movies at 8192 x 4320 pixels, which has 4 times the pixels of a 4K DCI movie. Beyond future-proofing your videos, an 8K video canvas provides video editors the ultimate freedom to pan across footages, zoom in on any subject or crop to reframe the composition, without any loss in quality when delivered in FHD.



ADVANCED 8K AND 4K VIDEO



EOS R5

EOS R6

High Resolution Frame Grab

Using the in-camera frame grab feature, important moments can be extracted from an 8K or 4K movie as a high resolution still image (8K movie only available on EOS R5). For example, a single frame from an 8K DCI movie recorded at 30p using the EOS R5 can be rendered as a still image with an incredible resolution of approx. 35.4 megapixels. This provides invaluable potential in wedding and wildlife photography, where moments are fleeting and almost impossible to re-create.

Zebra Display

[ONLY APPLICABLE TO EOS R5 AND EOS R6]
The Zebra Display is a handy feature that overlays a striped pattern onto areas that are overexposed when viewed through the electronic viewfinder (EVF) or the Vari-angle LCD monitor. This allows for subtle exposure adjustments in flared highlights and is particularly useful when filming human subjects.

HDMI Output for 4K 4:2:2 Video

The EOS R System cameras feature an HDMI port that is useful for outputting recorded video directly to an external drive on a suited external recorder and viewing movie images can also be done on an external monitor display.

Canon Log

[EXCEPT EOS RP]
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 R5, EOS R6 and EOS R cameras serious moviemaking performers.



IMPECCABLE IMAGE STABILISATION

In-body Image Stabilizer (IS)

[EOS R5 & EOS R6]
An unprecedented first in the EOS series, both EOS R5 and EOS R6 feature one of the most effective In-body Image Stabilizer (IS). Within the camera is a 5-axis camera-shake-blur correction function that works in tandem with the lens's IS, effectively reducing image blur equivalent to up to an 8-stop increase in shutter speed! This dramatically expands the possibilities of capturing sharp handheld images and videos in low-light conditions, especially when shooting with a super-telephoto lens where the slightest shake results in blurriness.

*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. ¹ 4K All-I recording requires an SD Memory card with a UHS-II, video speed class 60 (V60) or higher.

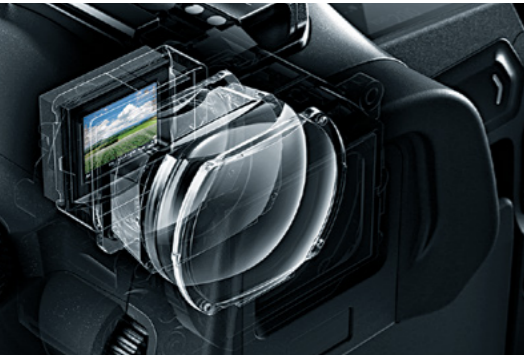
ROBUST FEATURES MAXIMISE YOUR SHOOTING CAPABILITY

IMPRESSIVE OPERABILITY

High-Definition OLED EVF

[0.5", APPROX. 3.69 MILLION DOTS FOR EOS R AND EOS R6 / 0.39", APPROX. 2.36 MILLION DOTS FOR EOS RP]

The high resolution electronic viewfinder within EOS R System cameras offers photographers an immersive shooting experience. Featuring a high-precision 0.5-inch OLED (Organic Light-Emitting Diode) with approximately 5.76 million dots at a display frame rate of 119.88 fps, the EOS R5's EVF is capable of displaying bright images with much more detail, making the experience closer to shooting through an optical viewfinder.



Excellent Visibility

The EOS R System cameras have EVF designed for a bright, sharp and colorful 100% view of the subject at hand. Equipped with an aspherical lens, the EVFs show 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 DIOPTRIC ADJUSTMENT]

The EOS R5, EOS R6 and EOS R's EVFs have 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 is simple to change as needed to suit various users.

Dot-matrix LCD Panel

[ONLY APPLICABLE FOR EOS R5 AND EOS R]

An LCD panel on the top of the EOS R5 and EOS R camera feature a dot-matrix display that give 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 R6 AND EOS RP]

The mode dial provides quick and easy access to a number of shooting modes and settings. For the EOS RP, the Special Scene Mode option gives beginners a variety of creative options that includes modes such as Food, Group Photo, Kids, Panning and even Silent Mode.



Vari-angle Touchscreen LCD

The EOS R System cameras are all equipped with a flexible Vari-angle LCD panel 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)

The EOS R System cameras feature the all-new Flexible-priority AE mode (Fv) that allows the easy setting of shutter speed, aperture and ISO to respond automatically or manually for greater convenience and flexibility.

USB Charge Support

The EOS R System cameras 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

All EOS R System cameras have a silent shutter feature that uses a near-silent electronic shutter instead of the camera's focal-plane shutter which is especially helpful for journalism, quiet situations and wildlife photography - where the slightest sound may alert animals.

Dual Card Slots

[ONLY APPLICABLE FOR EOS R5 AND EOS R6]

The EOS R5 and EOS R6 feature dual memory card slots. The EOS R6 has two SD card slots while the EOS R5 has one SD card slot and a second slot for ultrafast CFexpress card, which provide incredible speed needed for continuous shooting in RAW format and recording of higher resolution video formats.

IMPROVED DURABILITY

Magnesium Alloy Body

[ONLY APPLICABLE FOR EOS R5 AND EOS R]

Comfortable and solid in the hand, the EOS R5 and EOS R cameras feature a rigid yet lightweight magnesium alloy chassis that enhances body durability while shielding the camera from electromagnetic radiation and heat.



Dust and Water-resistant

The EOS R System cameras are designed for use in a variety of weather conditions. Sealing materials are used in critical areas, while their precise design and construction help to minimise accidental penetration of dust and moisture in the rest of the camera body.

Shutter Closes when Powered Off

[EXCEPT EOS RP]

The EOS R5, EOS R6 and EOS R have a mechanism to close the shutter whenever the camera is powered down to prevent dust from entering the sensor area during changing of lens. On the EOS R5 and EOS R6, you can choose whether the shutter is open or closed at power-off.

Shutter Durability

The EOS R System cameras have a robust, electronically controlled focal-plane shutter for consistent and reliable use. The EOS R5 has a shutter cycle of approx. 500,000 followed by the EOS R6 with approx. 300,000 cycles, the EOS R with approx. 200,000 cycles and the EOS RP with approx. 100,000 cycles. The EOS R5, EOS R6 and EOS R shoot as fast as 1/8000 sec. while the EOS RP's fastest shutter speed is 1/4000 sec.

ENHANCED WORKFLOW EFFICIENCY

DPP Express¹

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 app² to create a streamlined wireless workflow, DPP Express lets you adjust your images right off your mobile devices while on the go.



Camera Connect App²

Canon's Camera Connect app uses the EOS R System cameras' 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 System cameras 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.

EOS Webcam Utility

The free Canon EOS Webcam Utility software brings easy-to-use, plug-and-play, webcam-like functionality to selected Canon cameras. Besides being compatible with virtual meeting applications such as Zoom, Skype, Google Hangouts, Microsoft Teams and more, your EOS R System cameras can also double-up for live streaming on platforms like Facebook too.

image.canon

A brand new cloud-based storage, the image.canon is a cloud service designed to automatically forward image data in their original format from the camera to the computer, mobile device and supported third-party services. image.canon stores the uploaded original images and videos for 30 days and offers the option of a long-term storage of up to 10GB.³ This gives photographers the freedom to share images to popular social media sites such as Flickr, Google Drive and YouTube.



¹ Sold separately. ² Compatible with iOS* versions 11.0 or later. Subscription fee applies. ³ 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. ⁴ Information may be subjected to changes

NEW LENS DESIGNS WITH STELLAR IMAGE QUALITY

RF LENSES

AMAZING PERFORMANCE

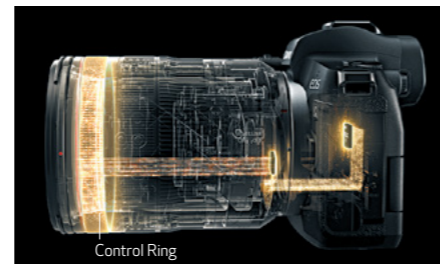
Optical Image Stabilisation

Designed specifically for the EOS R System, select RF lenses feature optical Image Stabilization technology that's designed to work in conjunction with the EOS R System cameras. With faster data sharing, the RF lenses offer enhanced image stabilization as well as image quality optimisation when paired with any of the EOS R System cameras.



Lens Information Display

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



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 System cameras' 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.

Standard



RF50mm f/1.2L USM

The RF50mm f/1.2L USM lens delivers gorgeous images, especially portraits for professional photographers. With 10 aperture blades and offering the widest aperture available in the RF line-up, its f/1.2 aperture means amazing performance in low light and beautiful detailed images with evocative background blur.



RF50mm f/1.8 STM

The RF50mm f/1.8 STM is a high-quality yet affordable fixed focal length lens with a large aperture of f/1.8 that delivers amazingly soft bokeh. Weighing only approx. 160g, the lens design is compact and lightweight, making it highly portable and versatile. With a minimum focusing distance of 30cm, the RF50mm f/1.8 STM is perfect for food, snapshots and portrait photography.



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 aperture 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 17cm with up to 5-stop image stabilisation for excellent handheld and low-light macro photography.



RF85mm f/2 Macro IS STM

Crafted for portrait lovers, the RF85mm f/2 Macro IS STM provides stunning bokeh for beautiful background separation even in low light with its built-in Optical Image Stabilizer. Combined with macro capabilities, this portrait lens has a 0.5x magnification ratio and can focus as near as 35cm from the subject, making it handy for portrait and wedding photographers who want to quickly close in for detailed shots.



Telephoto Zoom



RF24-240mm f/4-6.3 IS USM

Offering versatility in a single lens, 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, making it superb for travel and outdoor usage. Driven by the tiny Nano USM, the RF24-240mm f/4-6.3 IS USM achieves superb speed when focusing while maintaining quiet and smooth transition, even for videos.



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.



RF70-200mm f/4 L IS USM

Possibly the shortest* and lightest* telephoto zoom lens ever made, the RF70-200mm f/4 L IS USM measures less than 12cm and weighs only approx. 695g, making its size similar to a standard zoom lens. However, this lens packs a high resolving power to deliver stunning quality across the entire focal range. The lens's image stabilisation of up to 5 stops, offers stability even when shooting dark scenes. With the iconic heat-shielding white paint and dust & water-resistant construction, this lens is perfect for outdoor photography.



RF100-500mm f/4.5-7.1 L IS USM

The first super-telephoto zoom lens for the RF mount, the RF100-500mm f/4.5-7.1 L IS USM is one of the most versatile RF optics for sports and wildlife photography. The lens's IS can dramatically reduce camera shake up to 5 stops. Autofocusing is provided by two focus groups driven by their own Nano USM motor for fast, precise and silent performance.

Standard Zoom



RF24-70mm f/2.8L IS USM

Part of the highly sought-after RF f/2.8 zoom trinity series, the RF24-70mm f/2.8L IS USM offers impeccable image quality in a lightweight body. 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, this lens is perfect for a wide genre of photography.



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.



RF24-105mm f/4-7.1 IS STM

Designed not only to be light and compact, the RF24-105mm f/4-7.1 IS STM is also a very versatile lens that has macro function and would not weigh you down as you shoot. The STM motor also provides impressively quiet and smooth autofocus performance, making this lens ideal for videography, travel and much more.



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.



Variety of Mount Adapters and Extenders

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. RF extenders can be used with selected RF lenses¹ to perform super-telephoto shooting.



Extender RF 1.4x¹

Extends a super telephoto lens's focal length by 1.4x, so that an 800mm focal length, for example, becomes 1120mm. The extra reach makes it possible to get larger close-ups with the original camera resolution.



Extender RF 2x¹

Extends a super telephoto lens's focal length by 2x, so that an 800mm focal length, for example, becomes 1600mm. The extra reach makes it possible to get larger close-ups with the original camera resolution.

Telephoto



RF600mm f/11 IS STM

Shooting close-ups of sports, birds, wildlife, and other faraway things is what the RF600mm f/11 IS STM does best. Weighing less than 1kg, with a compact, retractable design, it is easy to carry around and handle. With high-performance IS of up to 5 stops, image sharpness gets a huge boost even in handheld shooting. Pair the lens with Extender RF 1.4x or Extender RF 2x to extend the reach up to 1200mm!



RF800mm f/11 IS STM

The RF800mm f/11 IS STM, one of the lightest super telephoto lenses, comes with up to 4 stops of image stabilisation to significantly reduce camera shake. Apart from the phenomenal reach, the lens is much smaller and lighter than competing lenses for DSLRs. The incredible portability and focal length opens up new doors in wildlife photography and videography.

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 at any focal length, perfect for shooting landscapes, architecture, interiors and more. Ingenious optical design allows for high corner-to-corner resolution while offering up to 5 stops of image stabilisation for shooting handheld in low-light situations.



Mount Adapter EF-EOS R

Lightweight and compact, the Mount Adapter EF-EOS R connects EF and EF-S lenses to the EOS R System cameras, 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.

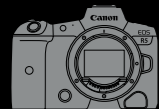
SETTINGS

1/4000_{sec.}

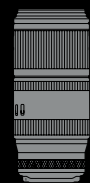
f/7.1

ISO 800

EQUIPMENT



EOS R5



RF 100-500mm
f/4.5-7.1 L IS USM



SETTINGS

1/30_{sec.}

f/2

ISO 200

EQUIPMENT



EOS R6



RF 85mm
f/2 MACRO IS STM





SETTINGS

1/800_{sec.}

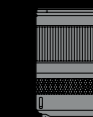
f/9

ISO 1000

EQUIPMENT



EOS R



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

SETTINGS

1/85_{sec.}

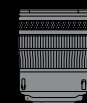
f/8

ISO 800

EQUIPMENT



EOS RP



RF 24-105mm
f/4 L IS USM



SPECIFICATIONS	EOS R5	EOS R6
IMAGE SENSOR		
Type	Approx. 45.0 megapixels, full-frame (36.0 × 24.0 mm) CMOS sensor	Approx. 20.1 megapixels, full-frame (35.9 × 23.9 mm) CMOS sensor
RECORDING SYSTEM		
Pixels recorded	RAW/C-Raw, HEIF, JPEG Large: 8192 × 5464, HEIF, JPEG Medium: 5808 × 3872, HEIF, JPEG Small 1: 4176 × 2784, HEIF, JPEG Small 2: 2400 × 1600	RAW/C-Raw, HEIF, JPEG Large: 5472 × 3648, HEIF, JPEG Medium: 3648 × 2432, HEIF, JPEG Small 1: 2736 × 1824, HEIF, JPEG 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 II	Dual Pixel CMOS AF II
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), 1-point AF, Expand AF area (vertically/horizontally), Expand AF area (around), Zone AF, Large Zone AF (vertical), Large Zone AF (horizontal)
Available AF positions	[Stills] Max. 5940, [Videos] Max. 4500	[Stills] Max. 6072, [Videos] Max. 4968
Available AF areas when automatically selected	[Stills] Max. 1053, [Videos] Max. 819	[Stills] Max. 1053, [Videos] Max. 819
Touch & drag AF	Available	Available
AF operation	[Stills] One-Shot AF, Servo AF, AI Focus AF (set automatically in Scene Intelligent Auto mode), [Videos] One-Shot AF, Movie Servo AF	[Stills] One-Shot AF, Servo AF, AI Focus AF (set automatically in Scene Intelligent Auto mode), [Videos] One-Shot AF, Movie Servo AF
Focusing brightness range	[Stills] EV -6 to 20 (f/1.2*, center AF point, at 23°C / 73°F, ISO 100, One-Shot AF), [Videos] 8K: EV -3 to 20, 4K & Full HD: EV -4 to 20 (f/1.2*, center AF point, at 23°C / 73°F, ISO 100, One-Shot AF) * Except RF lenses with a Defocus Smoothing (DS) coating	[Stills] EV -6.5 to 20 (f/1.2*, center AF point, at 23°C / 73°F, ISO 100, One-Shot AF), [Videos] EV -5 to 20 (f/1.2*, center AF point, at 23°C / 73°F, ISO 100, One-Shot AF, 29.97 fps) * Except RF lenses with a Defocus Smoothing (DS) coating
Focus bracketing	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. (mechanical shutter), 1/250 sec. (electronic 1st curtain)	1/8000 sec. to 30 sec. (total shutter speed range; available range varies by shooting mode), Bulb X-sync at 1/200 sec. (mechanical shutter), 1/250 sec. (electronic 1st curtain)
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) [Videos] Scene Intelligent Auto, Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure, Custom shooting modes (C1/C2/C3)	[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) [Videos] Scene Intelligent Auto, Movie auto exposure, Movie manual exposure
ISO speed (recommended exposure index)	[Stills] ISO 100 to 51200 (in 1/3-stop or whole-stop increments) [Videos] ISO 100 to 25600 (in 1/3-stop or whole-stop increments)	[Stills] ISO 100 to 102400 (in 1/3-stop or whole-stop increments) [Videos] ISO 100 to 25600 (in 1/3-stop or whole-stop increments)
ISO Expansion	[Stills] L: 50, H: 102400, [Video] H: 51200	[Stills] L: 50, H: 204800 [Video] H: 204800
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	Mechanical / Electronic 1st curtain shutter: Max. approx. 12 fps Electronic shutter: Max. approx. 20 fps	Mechanical / Electronic 1st curtain shutter: Max. approx. 12 fps Electronic shutter: Max. approx. 20 fps
MOVIE RECORDING		
Movie recording size	8K DCI (8192 x 4320), 8K UHD (7680 x 4320), 4K DCI (4096 x 2160), 4K UHD (3840x2160), Full HD (1920x1080)	4K UHD (3840 × 2160), Full HD (1920 × 1080)
Frame rate	8K DCI: (29.97p/25.00p/24.00p/23.98p) 8K UHD: (29.97p/25.00p/23.98p) 8K UHD time-lapse: (29.97p/25.00p) 4K DCI: (119.88p/100.00p/59.94p/50.00p/29.97p/25.00p/24.00p/23.98p) 4K UHD: (119.88p/100.00p/59.94p/50.00p/29.97p/25.00p/23.98p) 4K UHD Timelapse: (29.97p/25.00p) Full HD: (59.94p/50.00p/29.97p/25.00p/23.98p) Full HD HDR movie: (29.97p/25.00p) Full HD Timelapse: (29.97p/25.00p)	4K UHD: (59.94p/50.00p/29.97p/25.00p/23.98p) 4K UHD time-lapse: (29.97p/25.00p) Full HD: (119.88p/100.00p/59.94p/50.00p/29.97p/25.00p/23.98p) Full HD HDR movie: (29.97p/25.00p) Full HD Timelapse: (29.97p/25.00p)
Movie recording modes	Movie crop, movie digital IS, HDR movies, Time-lapse movies	Movie crop, movie digital IS, HDR movies, Time-lapse movies
Time code	Can be appended	Can be appended
Canon Log	Available	Available
SCREEN		
Type	Vari-angle, TFT colour, LCD touch screen	Vari-angle, TFT colour, LCD touch screen
Screen size and dots	Approx. 8.13cm (3.2) with approx. 2.1 million dots	Approx. 7.62 cm (3.2) with approx. 1.62 million dots
VIEWFINDER		
Type	OLED Electronic Viewfinder	OLED Electronic Viewfinder
Screen size and dots	Approx. 0.5-inch with approx. 5.76 million dots	Approx. 0.5-inch with approx. 3.69 million dots
INTERFACE		
Digital terminal	SuperSpeed Plus USB (USB 3.1 Gen 2) equivalent, USB Type-C	SuperSpeed Plus USB (USB 3.1 Gen 2) equivalent, USB Type-C
HDMI micro OUT terminal	Type D (auto switching of resolution)	Type D (auto switching of resolution)
External microphone IN terminal	3.5mm diameter stereo mini-jack	3.5mm diameter stereo mini-jack
Remote control terminal	N3 type terminal supported	RS-60E3 type terminal supported
Wireless remote control	Compatible with Wireless Remote Control BR-E1 (via Bluetooth) and infrared Remote Controller RC-6	Compatible with Wireless Remote Control BR-E1 (via Bluetooth) and infrared Remote Controller RC-6
Headphone	Headphone terminal provided, volume adjustable	Headphone terminal provided, volume adjustable
WIRELESS FEATURES		
Wi-Fi	IEEE 802.11a*/ac*/b/g/n (2.4GHz* and 5GHz* bands) * Specifications may vary by country/region	IEEE 802.11b/g/n (2.4GHz* bands) * Specifications may vary by country/region
Bluetooth	Bluetooth Specification Version 5.0 compliant (Bluetooth low energy technology)	Bluetooth Specification Version 4.2 compliant (Bluetooth low energy technology)
POWER		
Battery	Battery Pack LP-E6NH (compatible with LP-E6N / LP-E6)	Battery Pack LP-E6NH (compatible with LP-E6N / LP-E6)
DIMENSIONS AND WEIGHT		
Dimensions (W×H×D) (CIPA compliant)	Approx. 138.5 × 97.5 × 88.0 mm	Approx. 138.4 × 97.5 × 88.4 mm
Weight (CIPA compliant)	Approx. 738g (including battery pack and SD memory card)	Approx. 680g (including battery pack and card)

	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), [Videos] 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), [Videos] 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) [Videos] 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) [Videos] 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) [Videos] 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) [Videos] 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, HI: 51200, H2: 102400, [Video] H2: 102400	[Stills] L: 50, HI: 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, [Videos] ±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, [Videos] ±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 (2.4GHz bands)	IEEE 802.11b/g/n (2.4GHz bands)
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

RF24-70mm 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)
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø88.5 × 125.7mm
Weight	Approx. 900g

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
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø83.5 × 107.3mm
Weight	Approx. 700g

RF24-105mm f/4-7.1 IS STM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	24–105mm, f/4-7.1
Lens Construction	13 elements in 11 groups
Diagonal Angle of View	84°00' – 23°20'
Focusing Actuator	STM
Minimum Focusing Distance	0.2m (wide, MF: 0.13m), 0.34m (tele)
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 8 stops (CIPA Standards)
Aperture Blades	7 blades
Filter Size	67mm
Maximum Diameter & Length	Ø76.6 × 88.8mm
Weight	Approx. 395g

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
Optical Image Stabilization	-
Camera's In-Body Image Stabilization*	Up to 8 stops (CIPA Standards)
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
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 7 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	52mm
Maximum Diameter & Length	Ø74.4 × 62.8mm
Weight	Approx. 305g

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
Optical Image Stabilization	-
Camera's In-Body Image Stabilization*	Up to 7 stops (CIPA Standards)
Aperture Blades	10 blades
Filter Size	77mm
Maximum Diameter & Length	Ø89.8 × 108.0mm
Weight	Approx. 950g

RF50mm f/1.8 STM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	50mm, f/1.8
Lens Construction	6 elements in 5 groups
Diagonal Angle of View	46°00'
Focusing Actuator	Gear-type STM
Minimum Focusing Distance	0.3m
Optical Image Stabilization	-
Camera's In-Body Image Stabilization*	Up to 7 stops (CIPA Standards)
Aperture Blades	7 blades
Filter Size	43mm
Maximum Diameter & Length	Ø69.2 × 40.5mm
Weight	Approx. 160g

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
Optical Image Stabilization	-
Camera's In-Body Image Stabilization*	Up to 8 stops (CIPA Standards)
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
Optical Image Stabilization	-
Camera's In-Body Image Stabilization*	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø103.2 × 117.3mm
Weight	Approx. 1195g

RF85mm f/2 Macro IS STM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	85mm, f/2
Lens Construction	12 elements in 11 groups
Diagonal Angle of View	28°30'
Focusing Actuator	Gear-type STM
Minimum Focusing Distance	0.35m
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	67mm
Maximum Diameter & Length	Ø78 × 90.5mm
Weight	Approx. 500g

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)
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 6.5 stops (CIPA Standards)
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
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 7.5 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø89.9 × 146mm
Weight	Approx. 1070g (excluding tripod mount)

RF70-200mm f/4L IS USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	70–200mm, f/4
Lens Construction	16 elements in 11 groups
Diagonal Angle of View	34°00' – 12°00'
Focusing Actuator	Nano USM (focusing) and Nano USM (floating)
Minimum Focusing Distance	0.6m
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 7.5 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø83.5 × 119mm
Weight	Approx. 695g

RF100-500mm f/4.5-7.1L IS USM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	100–500mm, f/4.5-7.1
Lens Construction	20 elements in 14 groups
Diagonal Angle of View	24°00' – 5°00'
Focusing Actuator	Nano USM (focusing) and Nano USM (floating)
Minimum Focusing Distance	0.9m (100mm), 1m (300mm), 1.2m (500mm)
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 6 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø93.8 × 207.6mm (Wide) Ø93.8 × 297.6mm (Tele)
Weight	Approx. 1370g

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
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 7 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø88.5 × 126.8mm
Weight	Approx. 840g

TELEPHOTO

RF600mm f/11 IS STM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	600mm, f/11
Lens Construction	10 elements in 7 groups
Diagonal Angle of View	4°10'
Focusing Actuator	STM
Minimum Focusing Distance	4.5m
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 5 stops (CIPA Standards)
Aperture Blades	-
Filter Size	82mm
Maximum Diameter & Length	Ø93 × 199.5mm (Retracted) Ø93 × 269.5mm (Extended for Shooting)
Weight	Approx. 930g

RF800mm f/11 IS STM	
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	800mm, f/11
Lens Construction	11 elements in 8 groups
Diagonal Angle of View	3°05'
Focusing Actuator	STM
Minimum Focusing Distance	6m
Optical Image Stabilization	Up to 4 stops (CIPA Standards)
Camera's In-Body Image Stabilization*	Up to 4 stops (CIPA Standards)
Aperture Blades	-
Filter Size	95mm
Maximum Diameter & Length	Ø101.6 × 281.8mm (Retracted) Ø101.6 × 351.8mm (Extended for Shooting)
Weight	Approx. 1260g

EXTENDERS¹

Extender RF 1.4x	
Lens Type	-
Focal Length & Maximum Aperture	-
Lens Construction	7 elements in 4 groups
Diagonal Angle of View	-
Focusing Actuator	-
Minimum Focusing Distance	-
Image Stabilisation	-
Aperture Blades	-
Filter Size	-
Maximum Diameter & Length	Ø71.2 × 20.3mm
Weight	Approx. 225g

Extender RF 2x	
Lens Type	-
Focal Length & Maximum Aperture	-
Lens Construction	9 elements in 5 groups
Diagonal Angle of View	-
Focusing Actuator	-
Minimum Focusing Distance	-
Image Stabilisation	-
Aperture Blades	-
Filter Size	-
Maximum Diameter & Length	Ø71.2 × 39.3mm
Weight	Approx. 340g

More RF Lenses Info:



* Shake correction with In-Body Image Stabilization, applicable to EOS R5 and EOS R6 only. ¹ Compatible with three RF lenses only: RF100-500mm f/4.5-7.1L IS USM, RF600mm f/11 IS STM and RF800mm f/11 IS STM.