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Find out more about  
EOS R System

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**EOS**



EOS R SYSTEM

**REIMAGINE  
OPTICAL  
EXCELLENCE**





## 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 mirrorless system provides gorgeous results together with RF lenses, RF extenders and 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 powerful 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<sup>1</sup>.

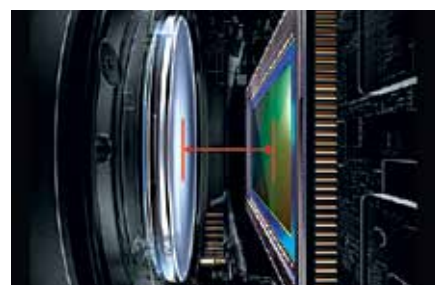
<sup>1</sup> Optional Mount Adapters are required when using EF/EF-S lenses with an EOS R System camera.



## 54mm Large Diameter

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 sensor.

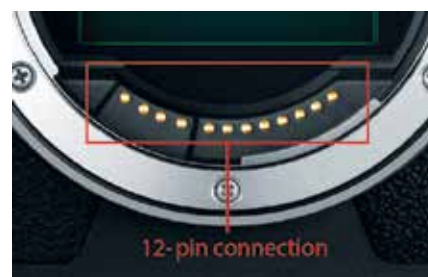
Instead of additional optical engineering requirement to shift the optical system to avoid the mirror in a DSLR camera, the EOS R system allow more flexibility in lens design by allowing lens designer to prioritise optical performance, thus improving performance as well as allowing RF lenses to be more compact and lightweight.



## RF MOUNT

### Data Transmission Through 12-pin Electrodes

When compared with the 8-pin EF mount, the 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 flange focal distance from the RF mount to the image sensor is 20mm. This allows the rear element of RF lenses to be larger in diameter, thus improving image quality at the corners and out edge 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.



54MM DIAMETER



## 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 filter or variable ND filter.







# ENTER THE NEW WORLD OF THE EOS R SYSTEM

## SUPERB IMAGE QUALITY

### Full-Frame CMOS Sensor and DIGIC X Image Processor

The EOS R system cameras feature a 35mm full-frame CMOS sensor (new back-illuminated stacked 35mm full-frame CMOS sensor for the EOS R3) with resolution as high as approximately 45.0 effective megapixels, delivering stunning outputs with incredible details and clarity even in low-light situations. The stacked architecture ensures a high-speed signal readout is achieved, powering many new functionalities that deliver a higher quality photographic experience.

Powered by the latest DIGIC X (EOS R3, EOS R5, EOS R6, EOS R7 and EOS R10) and DIGIC 8 (EOS R and EOS RP) image processors, ISO range is expanded, and image stabilisation is enhanced for outstanding image quality and impressive camera performance.



### HDR PQ 10-Bit Recording

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 R3, EOS R5, EOS R6, EOS R7 and EOS R10 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.



SDR

HDR

### HDR 3-Shot Composite Mode

[ APPLICABLE TO EOS R3, EOS R5, EOS R6, EOS R7 AND EOS R10 ONLY ]

The 3-shot composite HDR mode composites three consecutive shots in as fast as 0.02 seconds<sup>2</sup>, including exposure compensation, with shifts between frames automatically adjusted, making it possible for handheld shooting. With the option to select HDR PQ, an image with even higher dynamic range (up to approx. 3000 nits) can be achieved compared to JPEG.

<sup>2</sup>Shooting time may vary, depending on exposure settings. 0.02 seconds is the time taken to shoot the images (excluding compositing time).



3-shot composite SDR



3-shot composite HDR PQ

### Suppressed Rolling Shutter Distortion

A common phenomenon when shooting fast-moving subjects with a rolling shutter is that part of the frame may be blurred or distorted. The back-illuminated stacked CMOS sensor and the DIGIC X image processor of the EOS R3 produces a high readout speed that keeps the rolling shutter distortion to just 25% of what the EOS-1D X Mark III produces.



Rolling shutter effect is apparent in the warped curvature of the golf club. Noticeable (EOS-1D X Mark III - left); Suppressed (EOS R3 - right)

### Incredible ISO Range

EOS R System cameras are exemplary for night and handheld photography given their impressive native ISO range. The EOS R3 supports the normal ISO range of 100-102,400 natively (stills), and is capable of expanding up to 204,800. Combined with remarkable low-light AF performance, still shooting is possible even in dark situations in a variety of places and occasions.



EOS R3 · f/2.2 · 1/4000 sec · ISO 51200

## IMPECCABLE IMAGE STABILISATION

### In-body Image Stabilizer (IS)

[ EXCEPT EOS R10, EOS R AND EOS RP ]

IN-BODY IMAGE STABILIZER × OPTICAL IMAGE STABILIZER

Offering the world's most effective image stabilisation<sup>3</sup>, the EOS R3, EOS R5, EOS R6, and EOS R7 feature 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, or when shooting in places where the use of a tripod is prohibited.



<sup>3</sup>Only applies to interchangeable-lens digital cameras commercially available as of 13 September 2021. The EOS R3 achieves a maximum image stabilisation effect equivalent to an 8-stop faster shutter speed (the same as the EOS R5 and EOS R6). Based on Canon's internal survey.





# POWERFUL AUTOFOCUS TECHNOLOGY

## Sophisticated AF System and Wide AF Area

Powered by the latest Dual Pixel CMOS AF II or Dual Pixel CMOS AF, EOS R System cameras deliver cutting-edge autofocus with wide coverage and precise AF points of up to 1053 zones (EOS R3).

The EOS R6 offers up to 6,072 manually selectable AF positions<sup>4</sup> to choose from (up to 5,940 for EOS R5, 5,655 for EOS R and 4,779 for EOS R3 and EOS RP). The EOS R7 and R10 offers up to 651 zones for automatic selection.

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 R3, 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.

<sup>4</sup> Available AF points may decrease when shooting with AF cropping or in movie mode, or depending on camera settings or lens attached.

## Eye Control AF

[ APPLICABLE TO EOS R3 ONLY ]



Unleash the power of focusing by sight. The EOS R3 is the first EOS Digital Camera to feature the Eye Control AF mode that allows the photographer to direct the AF point by looking at the subject through the viewfinder.

It provides a high degree of flexibility in switching focus quickly between subjects and can be combined with other AF tracking modes to achieve split-second focus in acquiring and tracking of dynamic scenes.

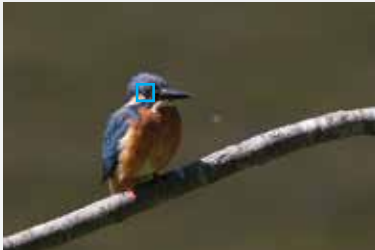
## EOS iTR (Intelligent Tracking & Recognition) AF



The EOS iTR (Intelligent Tracking & Recognition) AF is a powerful advanced subject tracking algorithm assisted by deep learning technology. With the EOS iTR, all EOS R system cameras (excluding EOS R and EOS RP) have the ability to track the eye, head or body of humans, cats, dogs, and birds accurately and reliably. In the EOS R3, this technology is improved tremendously, with heightened detection in shadow and over obstructions such as hair covering the eyes, or when the subject is facing away from the camera.



People Priority AF



Animal Priority AF

## Vehicle Priority AF

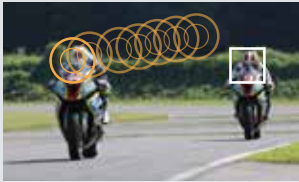
[ APPLICABLE TO EOS R3, EOS R5, EOS R6, EOS R7 AND R10 ONLY ]



Detect and lock focus on four-wheeled and two-wheeled motorsport vehicles. Acquire focus speedily and quickly – particularly useful for motorsports photographers in tracking fast action during off-roading and motorsport racing. It is also possible to acquire more specific focus on the driver's helmet using Spot Detection.



Vehicle Priority AF



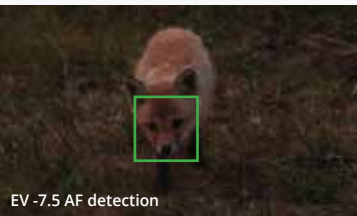
Eye Control AF

## Up to EV -7.5 Low-Light Autofocus

Precise autofocus is possible even in dark, challenging conditions, making EOS R System cameras fantastic for night-time or low-light photography. The EOS R3 features the lowest exposure value in the EOS R system line-up, boasting a low luminance limit of up to EV -7.5<sup>5</sup> (EOS R6: EV -6.5, EOS R5 and EOS R: EV -6, EOS RP: EV -5) allowing the AF to operate efficiently in dim conditions.



Pitch-dark condition



EV -7.5 AF detection

<sup>5</sup> When using f/1.2 lens under the following conditions: center focus point, room temperature, One-Shot AF, ISO 100. This does not apply to RF lenses with DS (Defocus Smoothing) coating.



30 fps shooting

## 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 30 fps (EOS R3 and R7), 23 fps (EOS R10) and 20 fps (EOS R5 and R6), with the electronic shutter making sure decisive moments can be captured in excellent detail and clarity.

The EOS R3's electronic shutter allows for maximum shutter speed of up to 1/64000 seconds<sup>6</sup>, enabling capture of ultra-fast action as well as shooting with large aperture lens under bright environment.

The new EOS R7 & R10 also boast a shooting speed of 15 fps mechanical/electronic at 1st curtain, fastest in the EOS R series.

<sup>6</sup> Tv / M mode only

## Up to 60 fps AF Calculation and Tracking

[ APPLICABLE TO EOS R3 ONLY ]

The CMOS sensor, DIGIC X processor, and Dual Pixel CMOS AF II allow for autofocus calculation and tracking of up to 60 fps during continuous shooting with electronic shutter. With more calculations performed for each image captured, tracking accuracy is greatly enhanced. This is useful for shooting fast-moving subjects that change direction and speed suddenly.

## 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.

## Flexible Zone AF & Subject Tracking Mode

[ APPLICABLE TO EOS R3, EOS R7 AND EOS R10 ONLY ]

The EOS R3 features an upgraded advancement in its tracking system where AF tracking is set to default. Continuous shooting and tracking is now enhanced with greater operational flexibility, especially when used in tandem with the Flexible Zone AF, which allows the user to customise a specific AF area before shooting.

## Multiple AF Operation Interfaces

[ APPLICABLE TO EOS R3 ONLY ]

Customise AF selection with a variety of AF operation interfaces. The Smart Controller offers quick and wide movement of the AF point to speedily obtain focus while the Multi-controller allows for precise AF positioning, and the Touchscreen LCD gives the option of instant AF point shift to anywhere in the frame by simply tapping the screen.



## High-Speed Focusing

EOS R System cameras are highly responsive and deliver sharp focus within 0.05 seconds<sup>7</sup>, with the EOS R3 going up to a speed of 0.03 seconds. This means fast action can be captured, and focus can be maintained with speed, accuracy, and ease.

<sup>7</sup> 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 Bracketing

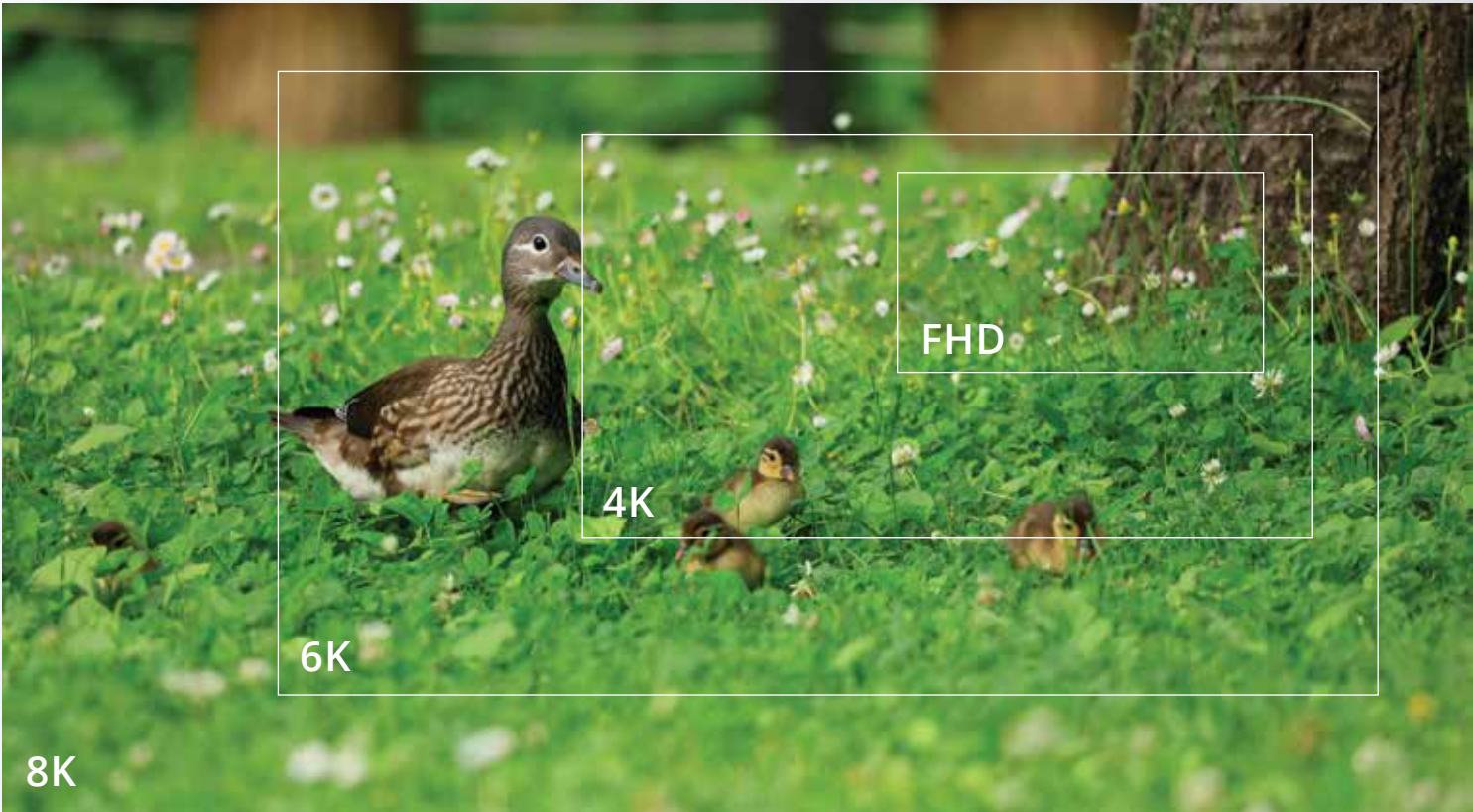
[ EXCEPT EOS R ]

Focus Bracketing<sup>8</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 into one single high-resolution photo with corner-to-corner clarity.

<sup>8</sup> 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. For R10, images are cropped.



# BRILLIANT 8K AND 6K VIDEO



## High Definition Video Resolution

The EOS R system cameras offer high quality video recording (EOS R5: 8K, EOS R3: 6K, EOS R6/R7/R10 : 4K) with advanced features such as 4K time-lapse recording and Movie Digital IS. The EOS R3, R5, R6, R7 and R10 can also record video using IPB or ALL-I compression<sup>9</sup> 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 four times the pixels of a 4K DCI movie.

Designed for smooth compatibility with other professional-use models, the EOS R3 shoots at 6K RAW 12-bit 60p, with videos recorded at 6000 x 3164 pixels. When recording in 4K DCI 60p, the ability to oversample from data captured in 6K delivers stellar quality with smoother edges, less moiré and minimal colour distortion and noise.

<sup>9</sup> 4K All-I record requires an SD Memory card with a UHS-II, video speed class 60 (V60) or higher.

## Canon Log 3 and Cinema Gamut [ EXCEPT EOS R10, EOS R AND EOS RP ]

Widely used in the Cinema EOS System, Canon Log 3 gamma reduces heavy shadows and blown-out highlights, delivering movie images with up to 12 stops of dynamic range (at ISO 400) for excellent shadow and highlight detail. In addition, the EOS R3, EOS R5, EOS R6 and EOS R supports not only the standard BT.709 and BT.2020 colour gamut, but also Cinema Gamut for a visually consistent colour profile when used together with other Cinema EOS Cameras.



## 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 Peaking and Dual Pixel Focus Guide [ EXCEPT EOS RP ]

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.

## High Resolution Frame Grab [ EXCEPT EOS RP ]

Using the in-camera frame grab feature, important moments can be extracted from an 8K, 6K, or 4K movie as a high resolution still image (EOS R5: 8K and EOS R3, EOS R6, EOS R, EOS RP: 4K). 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, while the EOS R3 extracts a single frame into a still image of high resolution that is approx. 8.8 megapixels. This provides invaluable potential in wedding and wildlife photography, where moments are fleeting and almost impossible to re-create.

## Wide Movie ISO Range

Beyond stills, the EOS R System cameras handle low-light movie shooting superbly with the wide ISO range of up to ISO 25600 (EOS R3, EOS R5, EOS R6). Complementing the wide ISO range with a high luminance sensitivity of up to EV -4.5 (EOS R3), the cameras retain fantastic details and quality even when recording video in the night.



## A Hybrid Capability

Explore the best of both worlds in video production and stills photography with the new EOS R5 C, a mirrorless hybrid camera with the capabilities of CINEMA EOS and EOS R system. A compact and lightweight system with 8K/60P resolution video recording is born. The all-new internal cooling fan system allows continuous internal recording in various file formats.



## Zebra Display [ EXCEPT EOS R AND EOS RP ]

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.



# ROBUST FEATURES TO MAXIMISE YOUR SHOOTING CAPABILITY

## IMPRESSIVE OPERABILITY

### High-Definition OLED EVF

[ 0.5", APPROX. 5.76 MILLION DOTS FOR EOS R3 ]

The high-resolution electronic viewfinders within EOS R System cameras offer 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 up to 119.88 fps, the EOS R5's and R3's EVF is capable of displaying bright images with much more detail, making the experience closer to shooting through an optical viewfinder.

### 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.

### Vari-angle Touchscreen LCD

The EOS R System cameras are all equipped with a flexible Vari-angle LCD panel that enables quick control and flexible shooting from high or low angles in both horizontal and vertical orientation. The touchscreen enables setting changes and more with just a tap. The EOS R3's display features a high definition Clear View II LCD with approx. 4.15 million dots, delivering brilliant colour and definition when composing or shooting from virtually any angle.

### Dot-matrix LCD Panel

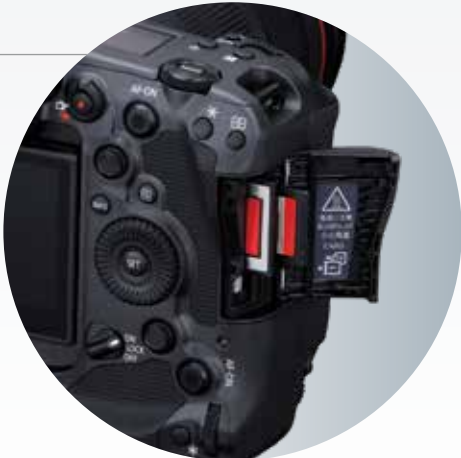
[ EXCEPT EOS RP, EOS R6, EOS R7 AND EOS R10 ]

An LCD panel on the top of the EOS R3, EOS R5, and EOS R cameras feature 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.

### Dual Card Slots

[ EXCEPT EOS R10, EOS R AND EOS RP ]

Equipped with dual memory card slots, the EOS R6 has two SD card slots while the EOS R3 and EOS R5 have one SD card slot and a second slot for ultra-fast CFexpress card (also supports the latest generation Type-B cards), which provide incredible speed needed for continuous shooting in RAW format and recording of higher resolution video formats.



### USB Charge Support

All EOS R system cameras support USB in-camera charging with the Power Adapter PD-E1\*. The EOS R3, EOS R5, EOS R6, EOS R7 and EOS R10 feature a USB-C connector that also allows for charging via a power bank that supports Power Delivery\*\*.

\*Sold separately.

\*\*A compatible USB-C to USB-C cable is required.

### Multi-Function Shoe

[ APPLICABLE TO EOS R3, EOS R7 AND EOS R10 ONLY ]

Other than flash photography usage, the new shoe is designed for advanced high-speed communication links with the camera and acts as a new terminal to power up accessories that are attached to it. With the Multi-Function Shoe, the EOS R3 can be made compatible with more video accessories and networking capabilities such as digital microphones and smartphone connectivity devices.



### 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.

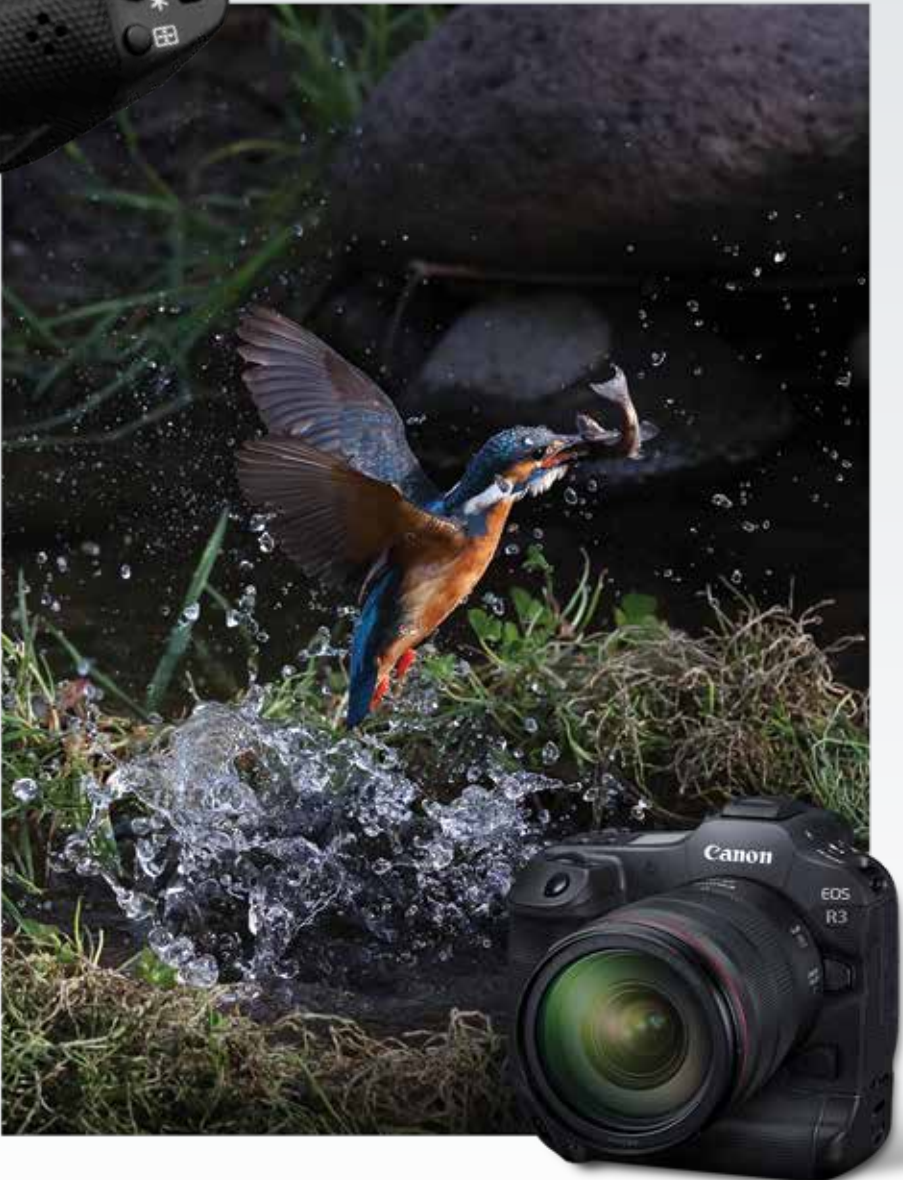
### Electronic Viewfinder

The EOS R3, 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.

### Illuminated Buttons

[ APPLICABLE TO EOS R3 ONLY ]

Similar to the EOS-1D X Mark III, the EOS R3 features the same illuminated buttons that allow for much easier menu selection and playback operations when shooting in dark conditions.







## IMPROVED DURABILITY

### Magnesium Alloy Body [ EXCEPT EOS RP ]

Comfortable and solid in the hand, the EOS R3, EOS R5, EOS R6 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 Drip-Resistance

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



### Shutter Durability

The EOS R System cameras have a robust, electronically controlled focal-plane shutter for consistent and reliable use. The EOS R3 and EOS R5 have 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.

### Shutter Closes when Powered Off

[ EXCEPT EOS RP ]

The EOS R3, EOS R5, EOS R6, EOS R7, EOS R10 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. For the EOS R3, the shutter can also be left open to eliminate any sound during power up, especially during silent shooting.

### Built-in Ethernet Port

[ APPLICABLE TO EOS R3 ONLY ]

The first EOS mirrorless model to feature a built-in Ethernet port, the EOS R3 has the capability for high-speed wired LAN file transfer. Designed for professional use, the 1000BASE-T wired LAN supports FTP, FTPS, SFTP and authentication LAN to achieve stable and secure transfer of large, high-resolution RAW or video files. With additional support of Wi-Fi Protected Access 2 (WPA2) and authenticated LAN (IEEE 802.1X), the EOS R3 offers added security and compliance with international security standards required by press, public organisations and large-scale events.

### USB-C Connectivity

[ APPLICABLE TO EOS R3, EOS R5, EOS R6, EOS R7 AND EOS R10 ONLY ]

The EOS R3 features an industry-standard USB-C port that allows a wired connection to an iOS<sup>11</sup> smartphone for speedy transfer of JPEG/MP4\* files. This comes in handy when transferring large volumes of images or when time is of essence, as the transfer speed is faster compared to Wi-Fi transfer.

<sup>11</sup> iOS is part of Canon's official supported/compatible third-party services.

\* Does not support video transfer (as of late Jan 2022 version).

### Mobile File Transfer (MFT)

[ APPLICABLE TO EOS R3, EOS R5, EOS R5 C, EOS R6, EOS R7 AND EOS R10 ONLY ]

When paired with the Mobile File Transfer (MFT) app, the EOS R3, EOS R5, and EOS R6 allow for image transfer from camera to smartphone via a wireless (Wi-Fi) or wired\* (USB-C) connection. The files are then sent to a remote server quickly via the smartphone's 5G mobile network. Choose from three transfer modes (Auto Transfer, Selective Transfer, or Filter Transfer) that best suits your post-shoot workflow. Add and edit IPTC metadata such as name and license information or add on voice memos to selected images.

\* iOS connection is only supported for EOS R3. Subject to development changes.



### DPP Express<sup>12</sup>



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<sup>13</sup> to create a streamlined wireless workflow, DPP Express lets you adjust your images right off your mobile devices while on the go.

### Camera Connect App<sup>13</sup>



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<sup>14</sup>



The free Canon EOS Webcam Utility software brings easy-to-use, plug-and-play, webcam-like functionality to selected Canon cameras. They are compatible with virtual meeting applications such as Zoom, Skype, Google Hangouts, Microsoft Teams while offering a higher quality of video, even for live streaming on platforms like Facebook.

### image.canon App



A cloud storage service, image.canon is 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.<sup>15</sup> This gives photographers the freedom to share images and videos to and through third-party services such as Flickr, Google Drive and YouTube.

### Built-in Wi-Fi, Bluetooth and GPS



Transfer your data anytime, anywhere, and at lightning-fast speeds. EOS R cameras feature built-in Wi-Fi (EOS R3: dual-band Wi-Fi 5GHz/2.4GHz), allowing for remote shooting and easy wireless file transfer to smartphones or tablets via the Canon Camera Connect app<sup>13</sup> and Digital Photo Professional (DPP) Express<sup>12</sup>. The EOS R3 supports Wi-Fi Protected Access 3 (WPA3), protecting data from corruption during the file transfer process. Bluetooth Low Energy (BLE) allows for easy pairing with terminals with reduced power consumption.

## ENHANCED WORKFLOW EFFICIENCY



Ethernet Port

<sup>12</sup> Compatible with iOS® versions 11.0 or later. Subscription fee applies.

<sup>13</sup> 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.

<sup>14</sup> Firmware update for EOS R3, R7, R10 available from September 2022.

<sup>15</sup> Information may be subjected to changes.



# NEW LENS DESIGNS WITH STELLAR IMAGE QUALITY

## 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.



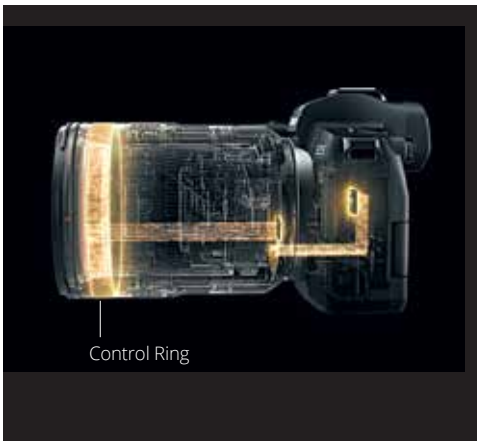
### Lens Information Display

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.



## RF LENSES

### ULTRA-WIDE ANGLE



#### RF16mm f/2.8 STM

An engineering marvel, the RF16mm f/2.8 STM ultra-wide angle lens features a large aperture at a price point that is very attractive for any photographer. The lens is designed ingeniously to retain performance in a very compact form factor. This lens achieves 0.26x magnification with a 0.13m minimum focusing distance, making it perfect for underwater photography and astrophotography.

### ULTRA-WIDE ANGLE ZOOM



#### RF14-35mm f/4L IS USM

The ultra-wide RF14-35mm f/4L IS USM is a versatile zoom lens with constant aperture of f/4, advanced optical design and 0.38x magnification. Designed to be sleek and compact, this lens offers portability for handheld shooting. The broader field of view at 14mm makes it a preferred choice for landscape, nature, and architectural photography.



#### 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.



#### RF15-30mm f/4.5-6.3 IS STM

The first non-L lens of its kind, the RF15-30mm f/4.5-6.3 IS STM promises versatility of a wide-angle zoom lens and the excellent image quality of the RF mount at a wallet-friendly price. Versatility is the greatest advantage of this lens. The 15mm focal length captures a larger area of grand landscapes with dynamic perspective. At the other end, the 30mm length allows an angle of view that is optimised for street and everyday photography.

### 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<sup>15</sup>. 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.

<sup>15</sup> October 24, 2019 - Canon research

### STANDARD ZOOM



#### RF-S18-45mm f/4.5-6.3 IS STM

Start your EOS R APS-C mirrorless journey with a lens that covers all your photo and video needs. The RF-S18-45mm f/4.5-6.3 IS STM is light and compact, offering a 4-stop optical Image Stabilizer plus a useful 18-45mm zoom range for great results every day.



#### 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.



TELEPHOTO ZOOM



**RF-S18-150mm f/3.5-6.3 IS STM**

Reach further and get closer with no more lens swapping. The RF-S 18-150mm f/3.5-6.3 IS STM is a light and compact EOS R-series APS-C zoom offering a 4.5-stop optical Image Stabilizer plus a powerful 18-150mm range for stunning images, near or far.



**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/4L IS USM**

Possibly the shortest<sup>16</sup> and lightest<sup>16</sup> telephoto zoom lens ever made, the RF70-200mm f/4L 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.



**RF100-400mm f/5.6-8 IS USM**

The RF100-400mm f/5.6-8 IS USM is lightweight, with a native 5.5-stop image stabilisation that can be further expanded to 6 stops when paired with a camera that is equipped with In-Body IS. Weighing a mere 635g, it is approx. 60% lighter than the EF100-400mm f/4.5-5.6L IS II USM. In addition, this lens works perfectly with both the Extender RF 1.4x and RF 2x.



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

The first super-telephoto zoom lens for the RF mount, the RF100-500mm f/4.5-7.1L 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.

SPECIAL PURPOSE



**RF5.2mm f/2.8L Dual Fisheye**

Canon's first ever dual fisheye lens, the new RF5.2mm f/2.8L produces a parallax effect that can be used to create 3D 180-degree Virtual Reality (VR) images. When attached to the EOS R5 mirrorless camera, the lens enables users to harness the camera's 8K recording capabilities to produce ultra-high-definition video with an immersive feel. As special lens coatings are used, shooting in backlit conditions becomes a breeze.

MACRO



**RF24mm f/1.8 Macro IS STM**

Lightweight and compact, the new RF24mm f/1.8 Macro IS STM is a fantastic prime lens for daily usage across a variety of subjects. With a large maximum aperture of f/1.8, the wide-angle prime lens provides a very shallow depth of field, allowing close-up or portrait compositions to achieve intense and creamy bokeh. The lens is great for shooting videos too with its wide field of view, and is easy to use for self-filming as it does not require a huge working distance.



**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.



**RF100mm f/2.8L Macro IS USM**

The RF100mm f/2.8L Macro IS USM is in a league of its own. As the world's first telephoto macro lens with maximum shooting magnification of 1.4x, it features a Spherical Aberration control ring to adjust bokeh to enhance the photograph with a flattering soft focus effect, making it an ideal lens for portraiture. Integrated Dual Nano USM motors achieve smooth and accurate AF with minimal operational noise. The lens is designed to suppress focus breathing, delivering consistency across video and stills.

SUPER-TELEPHOTO



**RF400mm f/2.8L IS USM**

Built for RF mount cameras, the RF400mm f/2.8L IS USM super-telephoto lens is a fantastic low-light performer with its quick f/2.8 aperture and optical IS. Take on wildlife and sports photography with advanced AF that ensures sharp focus clarity with accurate tracking on fast-moving subjects, delivering incredible image quality.



**RF600mm f/4L IS USM**

As a top performer, the RF600mm f/4L IS USM is a super-telephoto lens that delivers stunning image quality for sports and wildlife photography. With up to 5.5 stops of image stabilisation and ultra-fast focusing, get clean and crisp images while nailing critical moments. Coated in heat-resistant white paint and with L-series robust build to withstand rigorous professional use, this lens allows you to shoot confidently outdoors.



**RF800mm f/5.6L IS USM**

Crafted for those who desire a professional quality ultra telephoto lens, the RF800mm f/5.6L IS USM is perfect for photographing subjects from a distance like wildlife and sports. Capable of up to 4.5 shutter speed stops of image stabilisation for that tack sharp image while weighing only approximately 3,140g.



**RF1200mm f/8L IS USM**

Weighing only at approximately 3,340g, the RF1200mm f/8L IS USM has revolutionised what a lens of this focal length could be. It is smaller and much lighter than its EF equivalent. Moreover, this lens is packed with features like image stabilisation of up to 4 shutter stops for that impeccable image quality that a professional would expect.



**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.

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 lenses to get larger close-ups with the original camera resolution.



**Extender RF 1.4x<sup>17</sup>**

Extends a super telephoto lens's focal length by 1.4x. For example, an 800mm focal length can become 1120mm.



**Extender RF 2x<sup>17</sup>**

Extends a super telephoto lens's focal length by 2x. For example, an 800mm focal length can become 1600mm.



**Mount Adapter EF-EOS R**

Lightweight and compact, this adapter 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**

With a control ring like those found on RF lenses, this adapter provides 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**

This mount adapter 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.

<sup>16</sup> The world's shortest and lightest interchangeable lens with a focal length of 70-200mm f/4 for interchangeable lens cameras (SLR cameras and mirrorless cameras). As of November 3, 2020. Based on Canon's research.  
<sup>17</sup> Compatible with these RF lenses only: RF100-400mm f/5.6-8 IS USM, RF100-500mm f/4.5-7.1L IS USM, RF400mm f/2.8L IS USM, RF600mm f/4L IS USM, RF800mm f/5.6L IS USM, RF800mm f/11 IS STM.



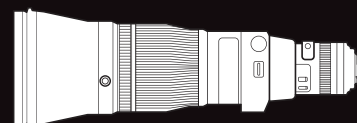
## SETTINGS

1/500<sub>sec.</sub>  
f/8.0  
ISO 200

## EQUIPMENT



EOS R3



RF600mm f/4L IS USM



## SETTINGS

1/2000<sub>sec.</sub>  
f/7.1  
ISO 800

## EQUIPMENT



EOS R5



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





## SETTINGS

1/3<sub>sec.</sub>  
f/4.0  
ISO 200

## EQUIPMENT



EOS R6



RF70-200mm  
f/2.8 L IS USM



## SETTINGS

1/500<sub>sec.</sub>  
f/9.0  
ISO 400

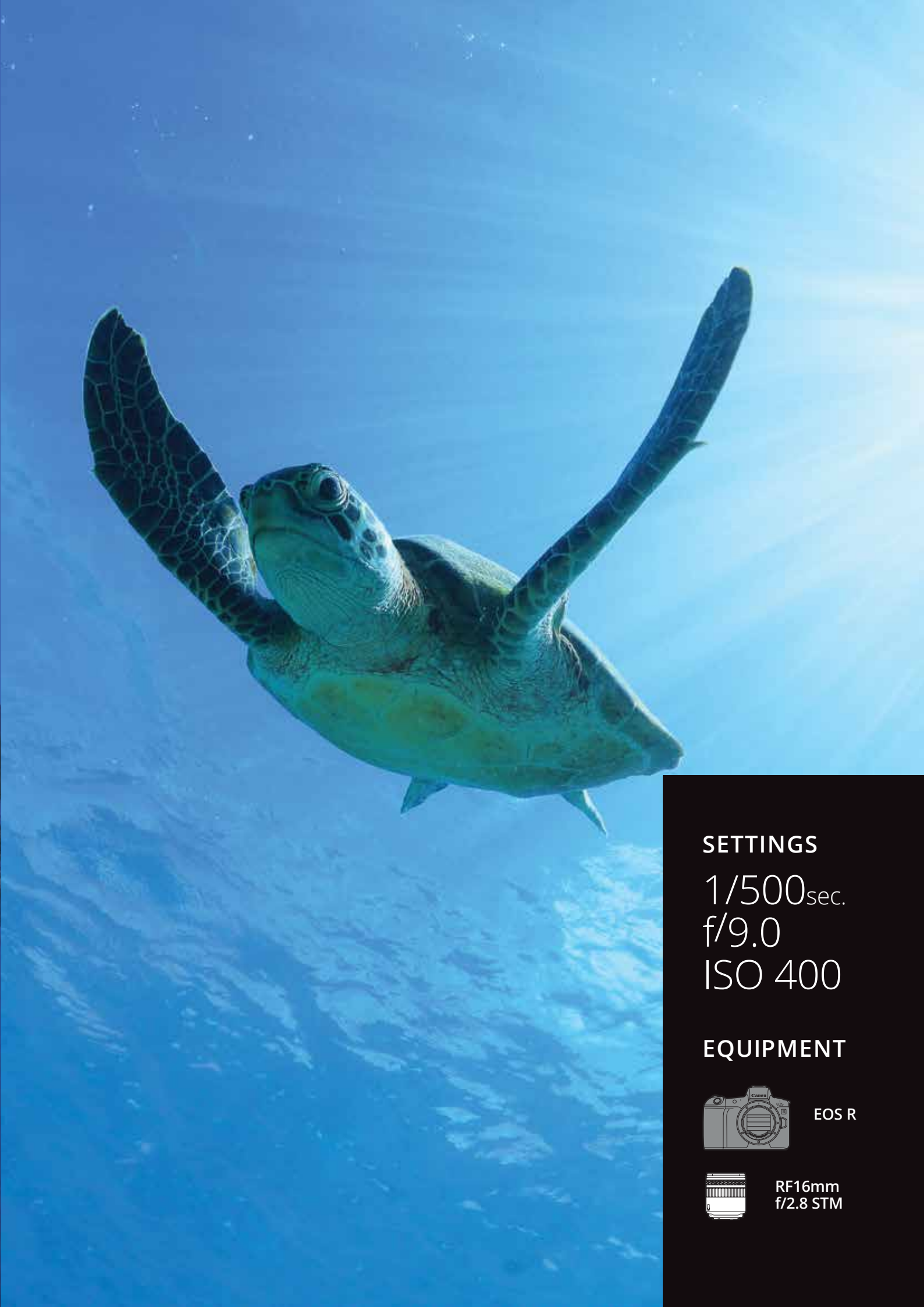
## EQUIPMENT



EOS R



RF16mm  
f/2.8 STM





## SETTINGS

25<sub>sec.</sub>  
f/8.0  
ISO 100

## EQUIPMENT



EOS RP



RF 24-105mm  
f/4L IS USM



## SETTINGS

1/2000<sub>sec.</sub>  
f/5.6  
ISO 100

## EQUIPMENT



EOS R7



RF14-35mm  
f/4L IS USM





SETTINGS

1/200<sub>sec.</sub>  
f/1.8  
ISO 100

EQUIPMENT



RF50mm f/1.8 STM



EOS R SYSTEM CAMERAS  
FEATURE SUMMARY

								
	EOS R3	EOS R5	EOS R5 C	EOS R6	EOS R	EOS RP	EOS R7	EOS R10
Resolution	24.1 MP	45.0 MP	45.0 MP	20.1 MP	30.3 MP	26.2 MP	32.5 MP	24.2 MP
Standard ISO Speed	100-102400	10-51200	100-102400		100-40000		100-32000	
Shooting Speed	Mechanical / Electronic 1st curtain shutter: Up to 12 fps  Electronic shutter: Up to 30 fps	Mechanical Shutter: Up to 12 fps  Electronic Shutter: Up to 20 fps			Up to 5 fps (Up to 8 fps with one shot AF)	Up to 4 fps (Up to 5 fps with one shot AF)	Mechanical / Electronic 1st curtain shutter: Max. approx. 15 fps  Electronic shutter: Max. approx. 30 fps	Mechanical / Electronic 1st curtain shutter: Max. approx. 15 fps  Electronic shutter: Max. approx. 23 fps
EVF	0.5inch with approx. 5.67M dots	0.5inch with approx. 5.76M dots		0.5inch with approx. 3.69M dots		0.39inch with approx. 2.36M dots		
Processor	DIGIC X				DIGIC 8		DIGIC X	
Maximum Video Resolution	6K RAW 60p/ 50p/30p/25p/24p	8K DCI 30p/25p/24p	8K RAW 60p/ 4K 120p	4K 60p/50p/ 30p/25p/24p	4K 30p/25p/ 24p (crop)	4K 24p/25p (crop)	4K 30p/60p/ 60p (crop)	4K 30p/60p (crop)
AF (Live View)	Dual Pixel CMOS AF II				Dual Pixel CMOS AF		Dual Pixel CMOS AF II	
Low Light AF (Stills)	EV -7.5*	EV -6*	EV -6*	EV -6.5*	EV -6*	EV -5*	EV -5*	EV -4*
EOS iTR AF	●	●	●	●	●	●	●	●
Eye Control AF	●	-	-	-	-	-	-	-
Animal Detection AF	●	●	-	●	-	-	●	●
Vehicle Detection AF	●	● ^	-	● ^	-	-	●	●
In-Body Image Stabilizer	●	●	-	●	-	-	●	●
Wireless Connection	Wi-Fi + Bluetooth							
LCD Screen	Touch, Vari-angle 3.2inch approx. 4.15M dot	Touch, Vari-angle 3.2inch approx. 2.1M dot		Touch, Vari-angle 3.0inch approx. 1.62M dot	Touch, Vari-angle 3.15inch approx. 2100K dot	Touch, Vari-angle 3.0inch approx. 1040K dot	Touch, Vari-angle 3.0inch approx. 1.62M dot	Touch, Vari-angle 3.0inch approx. 1.04M dot
Battery Life	Approx. 860 shots (with LP-E19)	Approx. 320 shots (with LP-E6NH)	(with LP-E6NH)	Approx. 360 shots (with LP-E6NH)	Approx. 370 shots (with LP-E6NH)	Approx. 250 shots (with LP-E17)	Approx. 290 shots (with LP-E17)	Approx. 500 shots (with LP-E6NH)
Magnesium Alloy Body	Full	Full	Full	Partial	Full	Partial	Partial	-
Dust- & Drip-resistance	●	●	●	●	●	●	●	●
HDR Mode	●	●	●	●	●	●	●	●
Multiple Exposure	●	●	●	●	●	●	●	●
Wi-Fi / LAN / GPS	●	●	●	●	●	●	●	●
Weight (including battery and memory cards)	Approx. 1015g	Approx. 738g		Approx. 680g	Approx. 660g	Approx. 485g	Approx. 612g	Approx. 429g
Dimensions (mm) (WxHxD)	Approx. 150.0 × 142.6 × 87.2mm	Approx. 138.5 × 97.5 × 88.0mm	Approx. 142 × 101 × 111mm	Approx. 138.4 × 97.5 × 88.4mm	Approx. 135.8 × 98.3 × 84.4mm	Approx. 132.5 × 85.0 × 70.0mm	Approx. 132.0 × 90.4 × 91.7 mm	Approx. 122.5 × 87.8 × 83.4

Disclaimer:  
\* f/1.2, centre AF, room temperature, ISO 100, excludes RF lenses with Defocus Smoothing Coating  
^ Only available with firmware version 1.5.0 released on 2nd Dec 2021



SPECIFICATIONS	EOS R3	EOS R5
IMAGE SENSOR		
Type	Approx. 24.1 megapixels, full-frame (approx. 36.0 × 24.0 mm) CMOS sensor	Approx. 45.0 megapixels, full-frame (36.0 × 24.0 mm) CMOS sensor
RECORDING SYSTEM		
Pixels recorded	RAW/C-RAW, HEIF, JPEG Large: 6000 × 4000, HEIF, JPEG Medium: 3984 × 2656, HEIF, JPEG Small 1: 2976 × 1984, HEIF, JPEG Small 2: 2400 × 1600	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
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	Auto (Ambience priority) / Auto (White priority) /Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash) / Custom (5 Settings)/ Colour temperature setting (approx. 2500–10000 K)  * White balance correction and bracketing available * Flash colour temperature information transmission possible	Auto (Ambience priority) / Auto (White priority) /Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash) / Custom / Colour temperature setting (approx. 2500–10000 K)  * White balance correction and bracketing available * 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	Spot AF, 1-point AF, Expand AF area (above / below / left / right or around), Flexible Zone AF 1 / 2 / 3, Whole area AF	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. 4779, [Videos] Max. 3969	[Stills] Max. 5940, [Videos] Max. 4500
Available AF areas when automatically selected	[Stills] Max. 1053, [Videos] Max. 819	[Stills] Max. 1053, [Videos] Max. 819
Eye Detection AF	Available	-
Eye Control AF	Available	-
Touch & drag AF	Available	Available
AF operation	[Stills] One-Shot AF, Servo AF (default) [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 -7.5 to 20 (f/1.2*, center AF point, at 23°C / 73°F, ISO 100, One-Shot AF), [Videos] EV -4.5 to 20 (f/1.2*, center AF point, at 23°C / 73°F, ISO 100, One-Shot AF, and 29.97 fps) * Except RF lenses with a Defocus Smoothing (DS) coating	[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
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] Flexible-priority AE, Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure, Bulb exposure, Custom shooting modes (C1/C2/C3) [Videos] 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, Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure, Custom shooting modes (C1/C2/C3)
ISO speed (recommended exposure index)	[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)	[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)
ISO Expansion	[Stills] L: 50, H: 204800, [Video] H: 102400	[Stills] L: 50, H: 102400, [Video] H: 51200
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. 30 fps	Mechanical / Electronic 1st curtain shutter: Max. approx. 12 fps Electronic shutter: Max. approx. 20 fps
MOVIE RECORDING		
Movie recording size	6K RAW (6000 x 3164), 4K DCI (4096 x 2160), 4K UHD (3840 x 2160), Full HD (1920 x 1080)	8K DCI (8192 x 4320), 8K UHD (7680 x 4320), 4K DCI (4096 x 2160), 4K UHD (3840×2160), Full HD (1920x1080)
Frame rate	6K RAW (59.94p/50.00p/29.97p/25.00p/24.00p/23.98 fps) 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/24.00p/23.98p) 4K UHD (119.88p/100.00p/59.94p/50.00p/29.97p/25.00p/24.00p/23.98p) Full HD (119.88p/100.00p/59.94p/50.00p/29.97p/25.00p/24.00p/23.98p)	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 time-lapse: (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),
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 (Canon Log 3)	Available (Canon Log 3)
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. 4.15 million dots	Approx. 8.13cm (3:2) with approx. 2.1 million dots
VIEWFINDER		
Type	Newly Developed OLED Electronic Viewfinder	OLED Electronic Viewfinder
Screen size and dots	Approx. 0.5-inch with approx. 5.67 million dots	Approx. 0.5-inch with approx. 5.76 million dots
INTERFACE		
Digital terminal	SuperSpeed Plus USB (USB 3.2 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	N3 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 802.11a*/ac*/b/g/n (2.4GHz* and 5GHz* bands) * Specifications may vary by country/region
Bluetooth	Bluetooth Specification Version 5.0 compliant (Bluetooth low energy technology)	Bluetooth Specification Version 5.0 compliant (Bluetooth low energy technology)
POWER		
Battery	Battery Pack LP-E19 * USB Power Adapter PD-E1 enables in-camera charging of LP-E19.	Battery Pack LP-E6NH (compatible with LP-E6N / LP-E6) * USB Power Adapter PD-E1 enables in-camera charging of LP-E6N. Camera can be powered by PD-E1
DIMENSIONS AND WEIGHT		
Dimensions (W×H×D) (CIPA compliant)	Approx. 150.0 x 142.6 x 87.2 mm	Approx. 138.5 × 97.5 × 88.0 mm
Weight (CIPA compliant)	Approx. 1015g (including battery and memory cards)	Approx. 738g (including battery pack and SD memory card)

	EOS R5 C	EOS R6
IMAGE SENSOR		
Type	Approx. 45.0 megapixels, full-frame CMOS sensor	Approx. 20.1 megapixels, full-frame (35.9 × 23.9 mm) CMOS sensor
RECORDING SYSTEM		
Pixels recorded	[Stills] 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 [Videos] Canon Raw Light 8192 × 43203, XF-AVC 4096 × 2160 , MP4 8192 × 4320	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	Daylight (5400K), Tungsten (3200K), Kelvin (2000K-15000K, 100K intervals), Set A, Set B	Auto (Ambience priority) / Auto (White priority) /Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash) / Custom / Colour temperature setting (approx. 2500–10000 K)  *White balance correction and bracketing available * Flash color 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	[Stills] Dual Pixel CMOS AF II, [Videos] Dual Pixel CMOS AF	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] ISO160 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	8192 x 4320, 7680 x 4320, 4096 x 2160, 3840 x 2160, 2048 x 1080, 1920 x 1080,1280 x 720	4K UHD (3840 × 2160), Full HD (1920 × 1080)
Frame rate	59.94p, 29.97p, 23.98p, 50.00p, 25.00p 59.94i, 50.00i	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 (Canon Log 3)	Available (Canon Log 3)
SCREEN		
Type	Vari-angle, TFT colour, LCD touch screen	Vari-angle, TFT colour, LCD touch screen
Screen size and dots	Approx. 3.2-inch (3:2) with approx. 2.10 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 mini OUT terminal	TYPE-D (micro) 4K@60P	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	-	RS-60E3 type terminal supported
Wireless remote control	Compatible with Canon Wireless File Transmitter WFT-R10	Compatible with Wireless Remote Control BR-E1 (via Bluetooth) and infrared Remote Controller RC-6
Headphone	3.5mm diameter stereo mini-jack	Headphone terminal provided, volume adjustable
WIRELESS FEATURES		
Wi-Fi	Available with WFT-R10 option	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	LP-E6NH	Battery Pack LP-E6NH (compatible with LP-E6N / LP-E6) * USB Power Adapter PD-E1 enables in-camera charging of LP-E6N. Camera can be powered by PD-E1
DIMENSIONS AND WEIGHT		
Dimensions (W×H×D) (CIPA compliant)	Approx. 142 × 101 ×111 mm	Approx. 138.4 × 97.5 × 88.4 mm
Weight (CIPA compliant)	Approx. 680 g	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	Auto (Ambience priority) / Auto (White priority) /Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash) / Custom / Colour temperature setting (approx. 2500–10000 K)  * White balance correction and bracketing available * Flash colour temperature information transmission possible	Auto (Ambience priority) / Auto (White priority) /Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash) / Custom / Colour temperature setting (approx. 2500–10000 K)  * White balance correction and bracketing available * 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, 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, [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, HDR movies, Time-lapse movies	Movie crop, 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 colour, liquid-crystal monitor	Vari-angle, touch screen, TFT colour, 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)

	EOS R7	EOS R10
IMAGE SENSOR		
Type	Approx. 32.5 megapixels, APS-C CMOS sensor	Approx. 24.2 megapixels, APS-C (approx. 22.3 × 14.9 mm) CMOS sensor
RECORDING SYSTEM		
Pixels recorded	RAW/C-RAW, HEIF, JPEG Large: 6960 × 4640, HEIF, JPEG Medium: 4800 × 3200, HEIF, JPEG Small 1: 3472 × 2320, HEIF, JPEG Small 2: 2400 × 1600	RAW/C-RAW, HEIF, JPEG Large: 6000 × 4000, HEIF, JPEG Medium: 3984 × 2656, HEIF, JPEG Small 1: 2976 × 1984, 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	Auto, Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash, Custom, Colour Temperature  * White balance correction and white balance bracketing features provided * Flash colour temperature information transmission possible	Auto, Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash, Custom, Colour Temperature  * White balance correction and white balance bracketing features available * 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	Spot AF, 1-point AF, Expand AF area (above, below, left and right), Expand AF area (around), Flexible zone AF 1-3, Whole area AF	Spot AF, 1-point AF, Expand AF area (above/below/left/right or around), Flexible Zone AF 1 / 2 / 3, Whole area AF
Available AF positions	[Stills] Max. 5915, [Videos] Max. 4823	[Stills] Max. 4503, [Videos] Max. 3713
Available AF areas when automatically selected	[Stills] Max. 651, [Videos] Max. 527	[Stills] Max. 651, [Videos] Max. 527
Eye Detection AF	Available	Available
Eye Control AF	-	-
Touch & drag AF	Available	Available
AF operation	[Stills]* One-Shot AF, Servo AF [Videos] One-Shot AF, Movie Servo AF *In A+ mode, AF automatically switch from One-Shot to Servo depending on subject	[Stills]* One-Shot AF, Servo AF [Videos] One-Shot AF, Movie Servo AF *In A+ mode, AF automatically switch from One-Shot to Servo depending on subject
Focusing brightness range	[Stills] EV -2 to 20 (f/1.2*, center AF point, at room temperature, ISO 100, One-Shot AF), [Videos] EV 0 to 20 (f/1.2*, center AF point,at room temperature, ISO 100, One-Shot AF, and 29.97 fps) * Except RF lenses with a Defocus Smoothing (DS) coating	[Stills] EV -2 to 20 (f/1.2*, center AF point, at room temperature, ISO 100, One-Shot AF), [Videos] EV 0 to 20 (f/1.2*, center AF point,at room temperature, ISO 100, One-Shot AF, and 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 1/250 sec. (mechanical shutter), 1/320 sec. (electronic 1st curtain)	1/4000 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	A+/Special scene mode/Creative filters/Fv/P/Tv/Av/M/B/C1/C2	A+/Special scene mode/Creative filters/Fv/P/Tv/Av/M/B/C1/C2
ISO speed (recommended exposure index)	[Stills] ISO 100 to 32000 (in 1/3-stop or whole-stop increments) [Videos] ISO 100 to 12800 (in 1/3-stop or whole-stop increments)	[Stills] ISO 100 to 32000 (in 1/3-stop or whole-stop increments) [Videos] ISO 100 to 12800 (in 1/3-stop or whole-stop increments)
ISO Expansion	[Stills] H: 51200, [Video] H: 25600	[Stills] H: 51200, [Video] H: 25600
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. 15 fps Electronic shutter: Max. approx. 30 fps	Mechanical / Electronic 1st curtain shutter: Max. approx. 15 fps Electronic shutter: Max. approx. 23 fps
MOVIE RECORDING		
Movie recording size	4K UHD Fine (3840 x 2160), 4K UHD (3840 x 2160), 4K UHD Crop (3840 x 2160), Full HD (1920 x 1080)	4K UHD (3840 x 2160), 4K UHD Crop (3840 x 2160), Full HD (1920 x 1080)
Frame rate	4K UHD Fine (29.97p/25.00p/23.98p) 4K UHD (59.94p/50.00p/29.97p/25.00p/23.98p) 4K UHD Crop (59.94p/50.00p) Full HD (119.88p/100.00p/59.94p/50.00p/29.97p/25.00p/23.98p)	4K UHD (29.97p/25.00p/23.98p) 4K UHD Crop (59.94p/50.00p) Full HD (119.88p/100.00p/59.94p/50.00p/29.97p/25.00p/23.98p)
Movie recording modes	Movie crop, HDR PQ movies, Time-lapse movies	Movie crop, HDR PQ movies, Time-lapse movies
Time code	Can be appended	Can be appended
Canon Log	Canon Log 3	Not Supported
SCREEN		
Type	Vari-angle, TFT colour, LCD touch screen	Vari-angle, TFT colour, LCD touch screen
Screen size and dots	Approx. 3.0-inch (3:2) with approx. 1.62 million dots	Approx. 3.0-inch (3:2) with approx. 1.04 million dots
VIEWFINDER		
Type	OLED Electronic Viewfinder	OLED Electronic Viewfinder
Screen size and dots	Approx. 0.39-inch with approx. 2.36 million dots	Approx. 0.39-inch with approx. 2.36 million dots
INTERFACE		
Digital terminal	Equivalent to SuperSpeed Plus USB (USB 3.2 Gen 2), USB Type-C	Hi-Speed USB (USB 2.0) equivalent, USB Type-C
HDMI mini 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	E3 type terminal supported	N3 type terminal supported
Wireless remote control	Compatible with Wireless Remote Control BR-E1 (via Bluetooth) , Remote Control RC-6 (Infrared)	Compatible with Wireless Remote Control BR-E1 (via Bluetooth)
Headphone	3.5mm diameter stereo mini-jack	-
WIRELESS FEATURES		
Wi-Fi	IEEE 802.11b/g/n (2.4GHz 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 4.2 compliant (Bluetooth low energy technology)	Bluetooth Specification Version 4.2 compliant (Bluetooth low energy technology)
POWER		
Battery	Battery LP-E6NH / LP-E6N / LP-E6	LP-E17
DIMENSIONS AND WEIGHT		
Dimensions (W×H×D) (CIPA compliant)	Approx. 132.0 × 90.4 × 91.7 mm	Approx. 122.5 × 87.8 × 83.4 mm
Weight (CIPA compliant)	Approx. 612 g	Approx. 429 g



ULTRA WIDE	RF16mm f/2.8 STM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	16mm, f/2.8
Lens Construction	9 elements in 7 groups
Diagonal Angle of View	108°10'
Focusing Actuator	STM
Minimum Focusing Distance	0.13m
Optical Image Stabilization	-
Camera's In-Body Image Stabilization <sup>1</sup>	-
Aperture Blades	7 blades
Filter Size	43mm
Maximum Diameter & Length	Ø69.2 x 40.2mm
Weight	Approx. 165g

ULTRA WIDE ANGLE ZOOM	RF14-35mm f/4L IS USM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	14-35mm, f/4
Lens Construction	16 elements in 12 groups
Diagonal Angle of View	114°00' – 63°00'
Focusing Actuator	Nano USM
Minimum Focusing Distance	0.2 m
Optical Image Stabilization	Up to 5.5 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	Up to 7 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø84.1 x 99.8 mm
Weight	Approx. 540

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 <sup>1</sup>	Up to 7 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø88.5 x 126.8mm
Weight	Approx. 840g

ULTRA WIDE ANGLE ZOOM	RF-S18-45mm f/4.5-6.3 IS STM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	18-45mm, f/4.5-6.3
Lens Construction	7 elements in 7 groups
Diagonal Angle of View	74°20' - 33°40'
Focusing Actuator	Leadscrew type STM
Minimum Focusing Distance	[AF mode] 0.2m (wide), 0.35m (tele) [MF mode] 0.15m (wide), 0.25m (tele)
Optical Image Stabilization	Up to 4 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	Up to 6.5 stops (CIPA Standards)
Aperture Blades	7 blades
Filter Size	49mm
Maximum Diameter & Length	Ø69.0mm x 44.3mm
Weight	Approx. 130g

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 <sup>1</sup>	Up to 7 stops (CIPA Standards)
Aperture Blades	10 blades
Filter Size	77mm
Maximum Diameter & Length	Ø89.8 x 108.0mm
Weight	Approx. 950g

STANDARD	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 <sup>1</sup>	Up to 7 stops (CIPA Standards)
Aperture Blades	7 blades
Filter Size	43mm
Maximum Diameter & Length	Ø69.2 x 40.5mm
Weight	Approx. 160g

STANDARD	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 <sup>1</sup>	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø103.2 x 117.3mm
Weight	Approx. 1195g

STANDARD	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 <sup>1</sup>	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø103.2 x 117.3mm
Weight	Approx. 1195g

STANDARD ZOOM	RF-S18-150mm f/3.5-6.3 IS STM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	18-150mm, f/3.5-6.3
Lens Construction	17 elements in 13 groups
Diagonal Angle of View	74°20' - 10°25'
Focusing Actuator	Leadscrew type STM
Minimum Focusing Distance	[AF mode] 0.17m (18-35mm) [MF mode] 0.12m (18-24mm)
Optical Image Stabilization	Up to 4.5 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	Up to 7 stops (CIPA Standards)
Aperture Blades	7 blades
Filter Size	55mm
Maximum Diameter & Length	Ø69.0mm x 84.5mm
Weight	Approx. 310g

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 <sup>1</sup>	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	82mm
Maximum Diameter & Length	Ø88.5 x 125.7mm
Weight	Approx. 900g

STANDARD ZOOM	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 <sup>1</sup>	Up to 8 stops (CIPA Standards)
Aperture Blades	7 blades
Filter Size	67mm
Maximum Diameter & Length	Ø76.6 x 88.8mm
Weight	Approx. 395g

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
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø83.5 x 107.3mm
Weight	Approx. 700g

STANDARD ZOOM	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 <sup>1</sup>	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	95mm
Maximum Diameter & Length	Ø103.8 x 139.8mm
Weight	Approx. 1430g

SUPER-TELEPHOTO	RF400mm f/2.8L IS USM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	400mm, f/2.8
Lens Construction	17 elements in 13 groups
Diagonal Angle of View	06°10'
Focusing Actuator	Ring USM
Minimum Focusing Distance	2.5m
Optical Image Stabilization	Up to 5.5 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	-
Aperture Blades	9 blades
Filter Size	52mm (Drop-in)
Maximum Diameter & Length	Ø163 x 367mm
Weight	Approx. 2890g

SUPER-TELEPHOTO	RF600mm f/4L IS USM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	600mm, f/4
Lens Construction	17 elements in 13 groups
Diagonal Angle of View	04°10'
Focusing Actuator	Ring USM
Minimum Focusing Distance	4.2m
Optical Image Stabilization	Up to 5.5 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	-
Aperture Blades	9 blades
Filter Size	52mm (Drop-in)
Maximum Diameter & Length	Ø168 x 472mm
Weight	Approx. 3090g

SUPER-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 <sup>1</sup>	Up to 5 stops (CIPA Standards)
Aperture Blades	-
Filter Size	82mm
Maximum Diameter & Length	Ø93 x 199.5mm (Retracted) Ø93 x 269.5mm (Extended for Shooting)
Weight	Approx. 930g

SUPER-TELEPHOTO	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 <sup>1</sup>	Up to 4 stops (CIPA Standards)
Aperture Blades	-
Filter Size	95mm
Maximum Diameter & Length	Ø101.6 x 281.8mm (Retracted) Ø101.6 x 351.8mm (Extended for Shooting)
Weight	Approx. 1260g

SUPER-TELEPHOTO	RF800mm f/5.6L IS STM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	800mm, f/5.6
Lens Construction	26 elements in 18 groups
Diagonal Angle of View	03°05'
Focusing Actuator	Ring USM
Minimum Focusing Distance	2.6m
Optical Image Stabilization	Up to 4.5 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	-
Aperture Blades	9 blades
Filter Size	52mm (Drop-in)
Maximum Diameter & Length	Ø163mm x 432mm
Weight	Approx. 3140g

SUPER-TELEPHOTO	RF1200mm f/8L IS USM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	1200mm, f/8
Lens Construction	26 elements in 18 groups
Diagonal Angle of View	02°05'
Focusing Actuator	Ring USM
Minimum Focusing Distance	4.3m
Optical Image Stabilization	Up to 4 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	-
Aperture Blades	9 blades
Filter Size	52mm (Drop-in)
Maximum Diameter & Length	Ø168mm x 537mm
Weight	Approx. 3340g



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 <sup>1</sup>	Up to 6.5 stops (CIPA Standards)
Aperture Blades	7 blades
Filter Size	72mm
Maximum Diameter & Length	Ø80.4 × 122.5mm
Weight	Approx. 750g

TELEPHOTO ZOOM	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 <sup>1</sup>	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)

TELEPHOTO ZOOM	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 <sup>1</sup>	Up to 7.5 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø83.5 × 119mm
Weight	Approx. 695g

TELEPHOTO ZOOM	RF100-400mm f/5.6-8 IS USM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	100-400mm, f/5.6-8
Lens Construction	12 elements in 9 groups
Diagonal Angle of View	24°00' – 6°10'
Focusing Actuator	Nano USM
Minimum Focusing Distance	0.88m (at 200mm)
Optical Image Stabilization	Up to 5.5 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	Up to 6 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	67mm
Maximum Diameter & Length	Ø79.5 x 164.7mm
Weight	Approx. 635g

TELEPHOTO ZOOM	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 <sup>1</sup>	Up to 6 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	77mm
Maximum Diameter & Length	Ø93.8 x 207.6mm (Wide) Ø93.8 x 297.6mm (Tele)
Weight	Approx. 1370g

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 <sup>1</sup>	Up to 7 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	52mm
Maximum Diameter & Length	Ø74.4 × 62.8mm
Weight	Approx. 305g

MACRO	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 <sup>1</sup>	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	67mm
Maximum Diameter & Length	Ø78 × 90.5mm
Weight	Approx. 500g

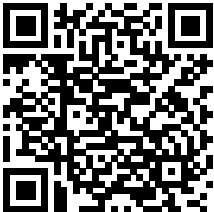
MACRO	RF100mm f/2.8L Macro IS USM
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	100mm, f/2.8
Lens Construction	17 elements in 13 groups
Diagonal Angle of View	24°00'
Focusing Actuator	2x Nano USM
Minimum Focusing Distance	0.26m
Optical Image Stabilization	Up to 5 stops (CIPA Standards)
Camera's In-Body Image Stabilization <sup>1</sup>	Up to 8 stops (CIPA Standards)
Aperture Blades	9 blades
Filter Size	67mm
Maximum Diameter & Length	Ø81.5 x 148mm
Weight	Approx. 730g

SPECIAL PURPOSE	RF5.2mm f/2.8L Dual Fisheye
Lens Type	Canon RF Lens
Focal Length & Maximum Aperture	5.2mm, f/2.8
Lens Construction	12 elements in 10 groups
Diagonal Angle of View	190°00'
Focusing Actuator	Mechanical
Minimum Focusing Distance	0.2m
Optical Image Stabilization	-
Camera's In-Body Image Stabilization <sup>1</sup>	-
Aperture Blades	7 blades
Filter Size	Gelatin filter can be mounted on the back of the lens
Maximum Diameter & Length	Ø121.1 × 83.6 x 53.5mm
Weight	Approx. 350g

EXTENDERS <sup>2</sup>	
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

Find out more  
about RF Lenses



<sup>1</sup> Shake correction with In-Body Image Stabilization, applicable to EOS R3, EOS R5, EOS R6 and EOS R7.  
<sup>2</sup> Compatible with these RF lenses only: RF100-400mm f/5.6-8 IS USM, RF100-500mm f/4.5-7.1L IS USM, RF400mm f/2.8L IS USM, RF600mm f/11 IS STM, RF600mm f/4L IS USM, RF800mm f/11 IS STM.