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

EOS R SYSTEM: REIMAGINE OPTICAL EXCELLENCE

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

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

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

RF MOUNT
54MM DIAMETER

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

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

Additional Control 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.

* Optional Mount Adapters are required when using EF/EF-S lenses with the EOS R system cameras.
NEW LENS DESIGNS WITH STELLAR IMAGE QUALITY

AMAZING PERFORMANCE

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

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

Lens Information Display
Another helpful feature, the EOS R and EOS RP can display lens information right in the viewfinder, making it easy to confirm the settings without looking away from the subject at hand.
The EOS R and EOS RP have a standard ISO sensitivity range of 100–40000 for stills and 100–25600 for video (100–12800 for 4K video shooting). Combined with their remarkable low-light AF performance, still and video shooting are possible even in dark situations in a variety of places and occasions.

30.3MP [R] / 26.2MP [RP]
Full-frame CMOS Sensor and DIGIC 8 Image Processor
The EOS R and EOS RP feature a 35mm full-frame CMOS sensor with approximately 30.3 MP / 26.2 MP. DIGIC 8 Image Processor, which enables an expansive ISO range, enhances image stabilisation and turbocharges operations across the board for outstanding image quality and impressive performance.

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

30.3MP [R] / 26.2MP [RP]
Full-frame CMOS Sensor and DIGIC 8 Image Processor
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Amazing Autofocus

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

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

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

f/8 and f/11 Compatible in All AF Areas
With the EOS R and EOS RP's high-resolution photo with corner-to-corner clarity. Dual Pixel CMOS AF delivers sharp focus even when using lenses with high F numbers. This ultra-sensitive AF works together with their EVF to clearly capture fast action and focus can be maintained with speed, accuracy and ease.

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

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

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

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

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

EV-6 [R] / -5 [RP]

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

Whether shooting videos for your blog or to share with friends online, or as a secondary camera on a large production, the EOS R and EOS RP offer advanced recording features such as EOS R's 4K at 29.97 fps/25 fps, Full HD at 59.94 fps/50 fps and HD at 119.88 fps/100 fps. Helpful functions include distortion correction during recording and Movie Digital IS. Additionally, video can be recorded during still photo shooting by simply pressing the movie shooting button.

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

HDMI Output for 4K 4:2:2 Video
The EOS R can record 4K video using IPB or ALL-I compression and save them as MP4 files. This helps provide further flexibility with file size, image quality and integration with video clips recorded with other cameras.
ROBUST FEATURES MAXIMISE YOUR SHOOTING CAPABILITY

IMPRESSIVE OPERABILITY

3.69”/ 2.36” Million-dot OLED EVF
The EOS R and EOS RP feature a high-precision 0.5-in. /0.39-in. OLED (Organic Light-Emitting Diode) EVF with approximately 3.69 (R)/ 2.36 (RP) million dots and a 23 (R)/ 22 (RP) mm-high eye-point design. Displaying a bright image and extensive shooting information according to the camera’s orientation, the viewfinder excels in bright conditions where viewing the camera’s LCD may prove difficult.

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

High Eyepoint
[EOS R: ~22mm-high eyepoint, 4 x 10 Dioptric Adjustment]
The EOS R’s EVF has a bright, 23mm high eye-point 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 dioptric adjustment of -4 to +2 means it’s simple to change as needed to suit various users.

Shooting Modes Dial
[ONL Y APPLICABLE FOR EOS R]
The EOS R’s dial provides quick and easy access to a number of shooting modes and settings. For instance, the Special Scene Mode option gives you the opportunity to select from a variety of settings that includes modes such as Food, Group Photo, Kids, Panorama, and even Silent Mode.

Creative Assist
[ONL Y APPLICABLE FOR EOS RP]
With the EOS RP’s and EOS R’s all-new Flexible-priority AE mode (Fv), you can easily set features such as shutter speed, aperture and ISO to respond automatically or manually for greater convenience and flexibility.

DURABILITY

Magnesium Alloy Body
[ONL Y APPLICABLE FOR EOS R]
Comfortable and solid in the hand, the EOS R camera features a rigid yet lightweight magnesium alloy chassis that enhances body durability while shielding the camera from electromagnetic radiation and heat.

Shutter Closes if Powered Off
[ONL Y APPLICABLE FOR EOS R]
The EOS R camera has a mechanism to close the shutter when the camera is powered down to prevent dust from entering the sensor area during changing of lens.

NEW MOBILE RAW WORKFLOW

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

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

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

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

NEW MOBILE RAW WORKFLOW

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

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**Sold separately. “Compatible with EOS” version 1.0 or later. Subscription fee applies. **Compatible with EOS” version 1.0 or later. Android* smartphone required version 5.0/5.1/6.0/7.0/7.1/8.0/8.1/9.0/10. Data charges may apply with the download of the TrueCaster CameraConnect app. This app helps remote users to upload images to social media or an online service. Please note that image transfer, content sharing, and disclaims, and has no responsibility for your use of such images. Canon does not store, collect or use such images or any information included in such images through this app.
SETTINGS
1/200 sec.
f/4
ISO 12800

EQUIPMENT
EOS RP
RF 50mm
f/1.2 L USM
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<td><strong>Weight</strong></td>
<td>Approx. 135.8 × 98.3 × 84.4mm</td>
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<td><strong>Headphone</strong></td>
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<td><strong>Compatible with Remote Switch RS-60E3</strong></td>
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<td><strong>3.5mm diameter stereo mini-jack</strong></td>
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<td><strong>Type C (auto switching of resolution)</strong></td>
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<td><strong>HDMI mini OUT terminal</strong></td>
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<td><strong>Screen size and dots</strong></td>
<td>28 29</td>
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<td><strong>Canon Log</strong></td>
<td>30 31</td>
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<td><strong>Movie crop, movie digital IS, HDR movies, Time-lapse movies</strong></td>
<td>32 33</td>
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<tr>
<td><strong>HDR shooting</strong></td>
<td>34 35</td>
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<td><strong>[Stills] Manual: ±3 stops in 1/3- or 1/2-stop increments, AEB: ±3 stops in 1/3- or 1/2-stop increments</strong></td>
<td>36 37</td>
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<tr>
<td><strong>[Video] 4K: ISO 100 to 12800 (in 1/3-stop or whole-stop increments)</strong></td>
<td>38 39</td>
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<tr>
<td><strong>[Stills] ISO 100 to 40000 (in 1/3-stop or whole-stop increments)</strong></td>
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<td>*** Except RF lenses with a Defocus Smoothing (DS) coating**</td>
<td>46 47</td>
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<td><strong>White balance correction and white balance bracketing features provided</strong></td>
<td>48 49</td>
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<tr>
<td><strong>ULTRA-WIDE ANGLE ZOOM</strong></td>
<td>50 51</td>
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<td><strong>RF28–70mm f/2L USM</strong></td>
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<td><strong>RF15–35mm f/2.8L IS USM</strong></td>
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<td><strong>RF85mm f/1.2L USM DS</strong></td>
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<td><strong>RF70–200mm f/2.8L IS USM</strong></td>
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<td><strong>RF85mm f/1.2L USM</strong></td>
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<td><strong>RF100–500mm f/4L IS USM</strong></td>
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<td><strong>RF24–105mm f/4L IS USM</strong></td>
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<td><strong>RF24–70mm f/4L IS USM</strong></td>
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<td><strong>RF24–240mm f/4-6.3 IS USM</strong></td>
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<td><strong>RF70–200mm f/2.8L IS USM</strong></td>
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<td><strong>RF16–35mm f/2.8L USM</strong></td>
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<td><strong>RF35mm, f/1.8 IS USM</strong></td>
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<td><strong>RF70–200mm f/2.8L IS USM</strong></td>
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<td><strong>RF15–35mm f/2.8L IS USM</strong></td>
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<td><strong>RF400mm, f/2.8L USM</strong></td>
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<td><strong>RF600mm, f/4L IS USM</strong></td>
<td>82 83</td>
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<td><strong>Lessers Info</strong></td>
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