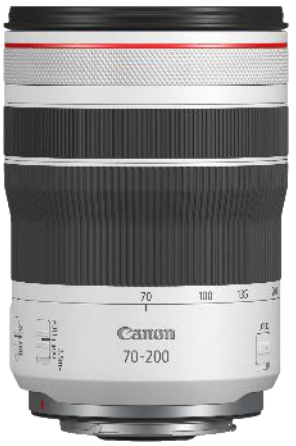
RF70-200mm F4 L IS USM

Canon

Features

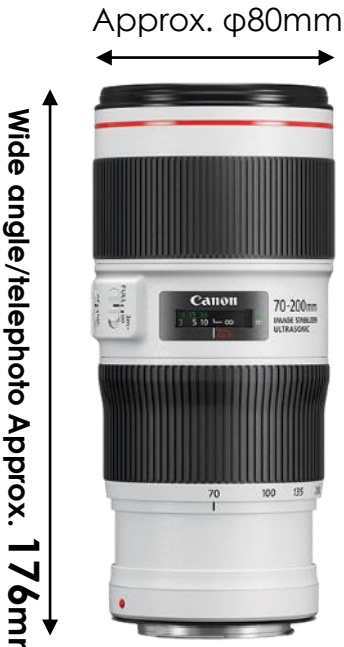
- Zoom-type design with variable body length
- 4UD (Ultra Low Dispersion) lenses corrects chromatic aberration throughout the zoom range
- Minimum focusing distance of 0.6m throughout zoom range
- Maximum magnification of 0.28x (at 200mm)
- Electronic floating focus system
- Up to 5 stops / 7.5 stops (combination) image stabilizer
- Reduced ghosting with ASC (Air Sphere Coating)
- 9-blade circular aperture
- Quiet, smooth AF with Nano USM



World's Smallest and Lightest 70-200mm f/4 interchangeable lens*

EF LENS

EF70-200mm f/4L IS II USM



Approx. 780g

Compared to before Approx. -32% Reduction

RF LENS

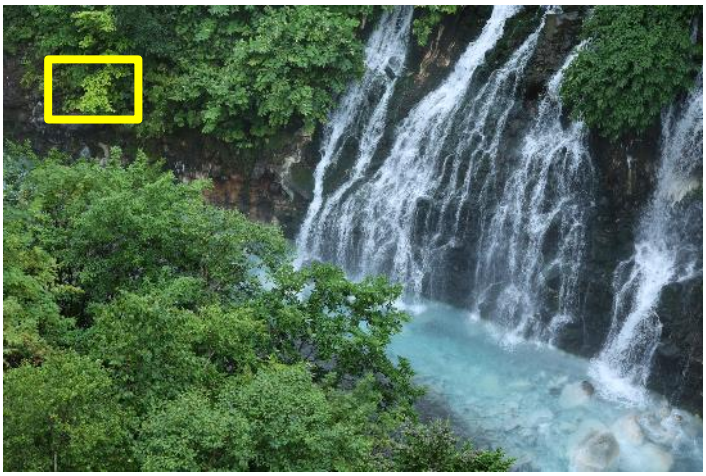
RF70-200mm F4 L IS USM

Approx. 695g

* 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.

RF70-200mm F4 L IS USM

High image quality throughout the zoom range



RF LENS

RF70-200mm
F4 L IS USM
+ EOS R6

EF LENS

EF70-200mm
f/4L IS II USM
+ EF-EOS R+ EOS R6

70mm (Wide angle)

RF LENS

RF70-200mm
F4 L IS USM
+ EOS R6

EF LENS

EF70-200mm
f/4L IS II USM
+ EF-EOS R+ EOS R6

200mm (Telephoto)

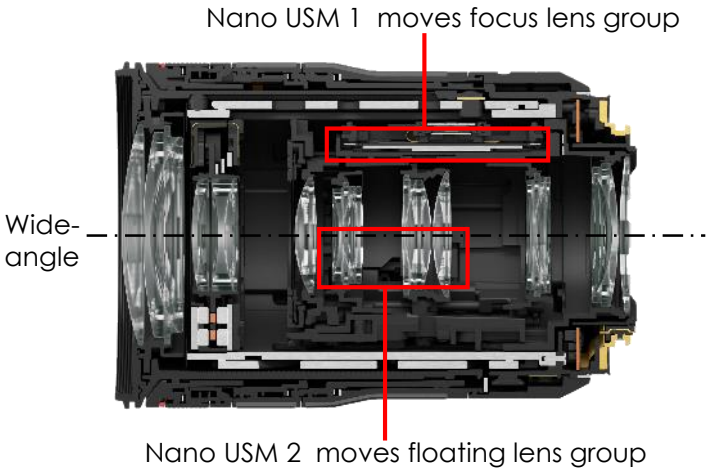
RF LENS

RF70-200mm
F4 L IS USM
+ EOS R6

Image quality is equivalent to, or better than EF70-200mm f/4L IS II USM. The lens configuration is arranged so that chromatic aberration is well corrected over the entire zoom range and vignetting does not occur easily, for beautiful circular bokeh and uniform brightness, even at image periphery.

RF70-200mm F4 L IS USM

Improved AF performance with 2x Nano USM



Driving the focus lens group and floating lens group with independent Nano USMs reduces the load on the actuator. In addition to achieving high speed, high precision, and controllability, it also achieves smooth AF when shooting movies

High Speed, Smooth and Quiet AF for stills and movies

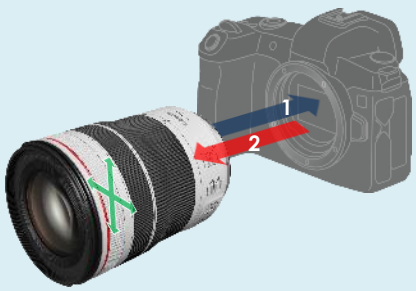
Image stabilization up to 7.5 stops with EOS R5 and EOS R6

EOS R / EOS RP

Dual Sensing IS

In addition to the lens gyro sensor, the amount of shake is also detected from the camera's CMOS sensor image information. By comparing and analyzing these two pieces of information, the camera detects and corrects low-frequency shaking (slow shaking of the body due to breathing, etc.) that could not be detected on the lens.

Up to 5.0 stops IS*1



1. Detects shaking with a lens-based gyro sensor.
2. Low frequency shake is detected and corrected from the CMOS sensor's image information.

Combination IS

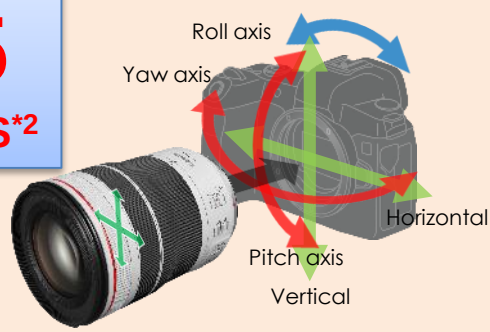
Detects the amount of blur that is not completely corrected by the optical image stabilizer (OIS) in the lens using the image information from the camera. Both Movie Digital IS on the camera, and IS on the lens can be cooperatively controlled by the new mount communication, achieving a powerful IS effect.

EOS R5 / EOS R6

Combination IS

The EOS R camera's 5-axis image stabilization mechanism (In body Image Stabilizer：IBIS) in the body and the cooperative control of the optical image Stabilizer (OIS) in the lens achieve a powerful correction effect.

Up to 7.5 stops IS*2



- The angle that can be corrected is expanded, it responds to significant shaking and improves camera shake correction performance.
  - Even with wide-angle lenses, it is more effective than in-camera IS alone.
  - Effective for significant shake even during movie shooting.
- Since shaking can be detected with both the camera and lens, it can correct with higher accuracy.
- Seamlessly covers a wide focal length as a system.

*1 At 200mm focal length, still images. Using the EOS R. Conforms to CIPA standards. In Yaw/Pitch directions. *2 At 200mm focal length, still images. Using the EOS R5. Conforms to CIPA standards. In Yaw/Pitch directions. As of July 2020, compatible cameras (IBIS equipped cameras) are the EOS R5 and EOS R6.

RF70-200mm F4 L IS USM

Equipped with 3 IS modes

IS mode 3 — **Irregular movement**

- **IS mode 1**
  Best suited to stationary subjects
- **IS mode 2**
  Best suited to panning shots as It corrects vertical camera shake when panning horizontally, and horizontal camera shake when panning vertically.
- **IS mode 3**
  Best suited to irregular movement. When the shutter button is pressed halfway, IS calculation starts, and when you press the shutter button fully, IS operates

Minimum focusing distance: 0.6m

0.6 m
0.28x

RF LENS
RF70-200mm F4 L IS USM

1.0 m

EF LENS
EF70-200mm f/4L IS II USM

Minimum focusing distance: 0.6 m (full zoom range)
Maximum magnification: 0.28x (at 200mm)

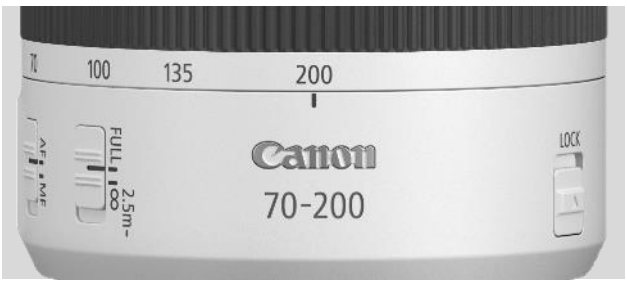
Minimum focusing distance: 1 m (full zoom range)
Maximum magnification: 0.27x (at 200mm)

RF70-200mm F4 L IS USM

Excellent functionality

Heat shielding paint

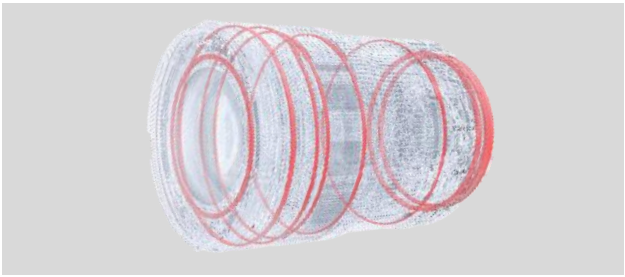
A heat shield white paint is used to ensure stable optical performance by suppressing heat from building up within the barrel of the lens, maintaining image quality even when shooting under the hot sun.



Dust- and water-resistant construction

A rubber ring is used at the mount joint to close the gap when the camera is attached. Movable parts such as each ring, switch, and lens barrel extension also have a high dust- and water-resistant structure.

* It is designed to be dust- and water-resistant, but it cannot completely prevent dust and moisture from getting inside.



Fluorine coating

The surface of the lens's front element has a fluorine coating. Oil and water is easily repelled, and oil that adheres to the lens can easily be wiped off with just a dry cloth, without the use of cleaning solvents.

Control ring

It is possible to assign aperture, shutter speed, ISO speed, and exposure compensation, etc. as desired. It has an appropriate click sensation so that you can intuitively grasp the operation amount.

* For users who desire it, the click mechanism can be removed as a paid service.

Vibration and shock resistant construction

By devising the mechanical structure inside the lens barrel, the extended part of the lens barrel has high durability and vibration and shock resistance.

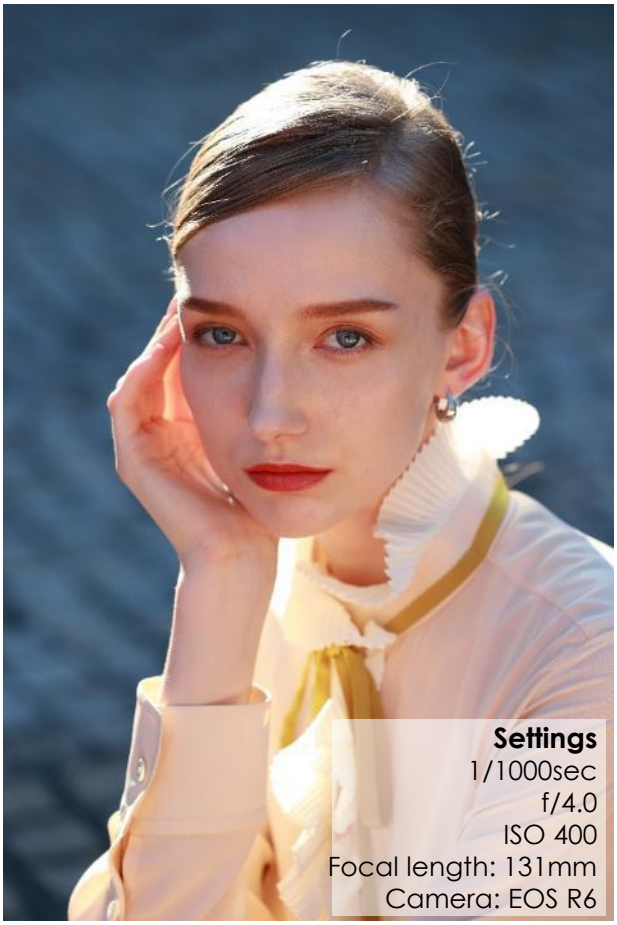
High build quality and exceptional durability

RF70-200mm F4 L IS USM

Canon

Sample images

Settings
1/2000sec
f/4.0
ISO 500
Focal length: 70mm
Camera: EOS R6



Settings
1/1000sec
f/4.0
ISO 400
Focal length: 131mm
Camera: EOS R6

Settings
1/50sec
f/5.6
ISO 400
Focal length: 70mm
Camera: EOS R6

Settings
1/125sec
f/8.0
ISO 200
Focal length: 200mm
Camera: EOS R6

RF50mm F1.8 STM

Features

- Optimal lens configuration for short back focus
- Effective placement of a PMo aspheric lens achieves a high level of rendering capability and compactness
- Minimum focusing distance of 0.3m
- Maximum magnification of 0.25x
- New “focusing/control ring” and “focusing/control selector switch” controls
- Adjusted lens shape and lens coating reduce ghosting
- 7-blade circular aperture

Affordable standard lens

Compact and lightweight design

EOS R5+
RF50mm F1.8 STM

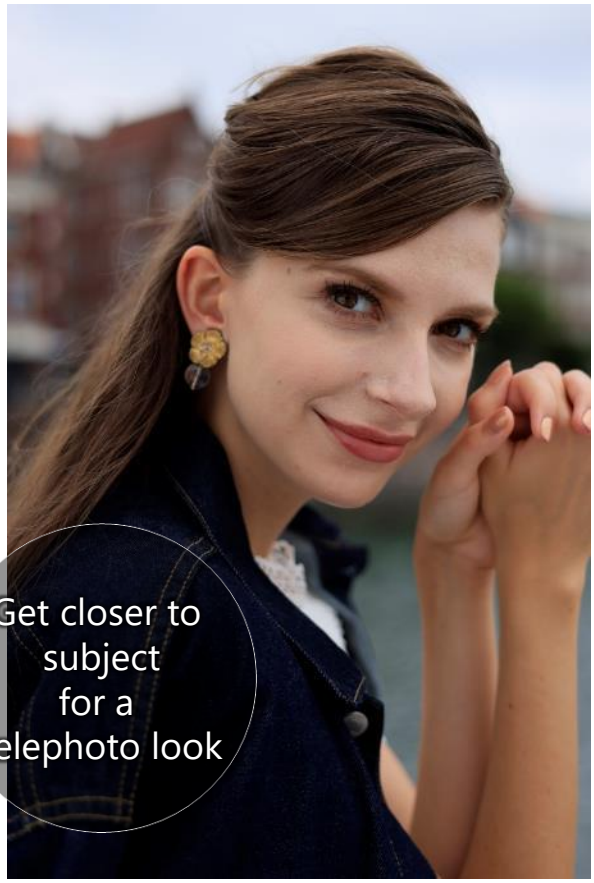
EOS R5
Mount Adapter +
EF50mm f/1.8 STM

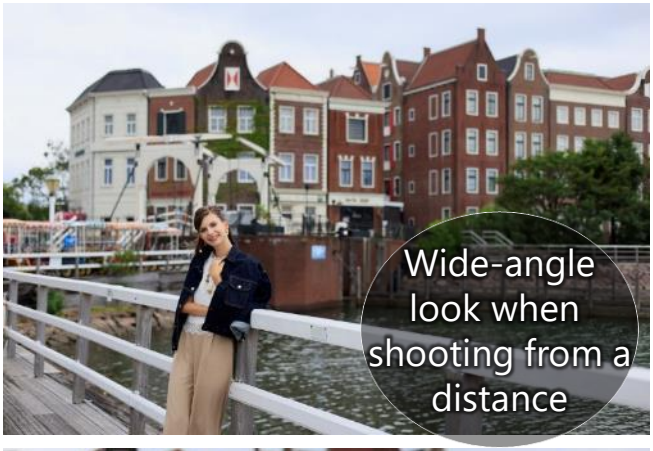
* Photo is a composite visualizing the lens attached.

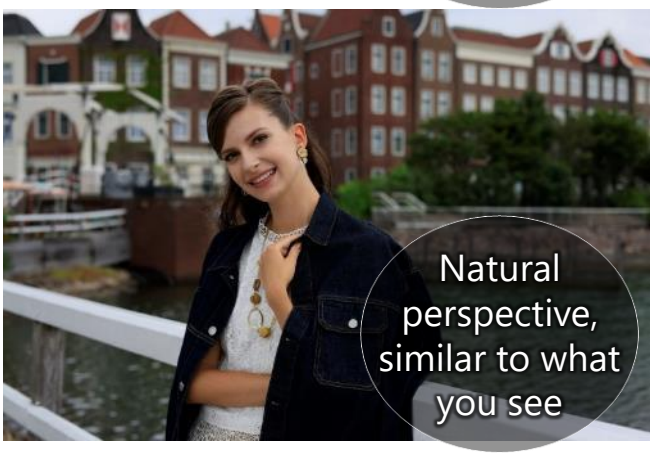
RF50mm F1.8 STM

Standard angle of view, 50mm & large aperture for a beautiful bokeh effect

Canon







Shooting at maximum aperture

RF50mm F1.8 STM

* Photographed with the zoom position near 50mm.

RF24-105mm F4-7.1 IS STM

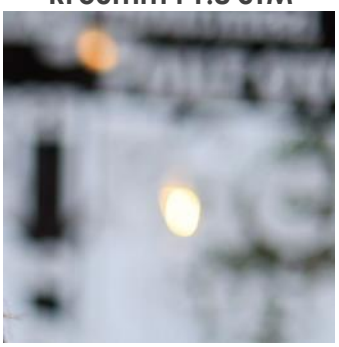
Enlarged foreground bokeh (both maximum aperture)

RF50mm F1.8 STM

RF24-105mm F4-7.1 IS STM

Enlarged background bokeh (both maximum aperture)

RF50mm F1.8 STM



RF24-105mm F4-7.1 IS STM

RF50mm F1.8 STM

High image quality

Shooting at aperture f/1.8

RF50mm F1.8 STM

EF50mm F1.8 STM

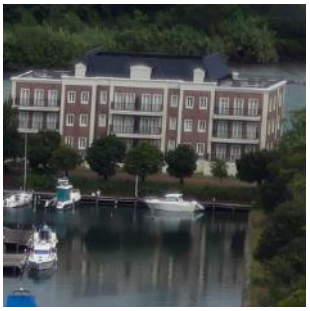
Enlarging the center of the screen
(both maximum aperture)

RF50mm F1.8 STM

EF50mm F1.8 STM

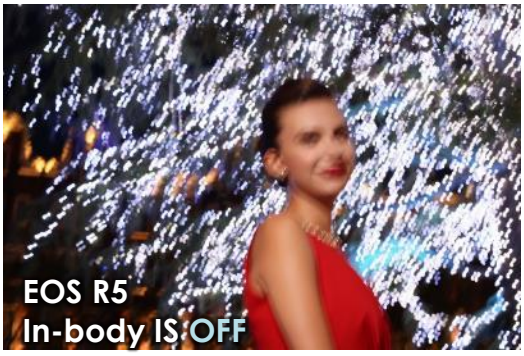
Enlarging the outer edges of the screen
(both maximum aperture)

RF50mm F1.8 STM



EF50mm F1.8 STM

Up to 7.0 stops IS with EOS R5 and EOS R6



Ideal for shooting food & small items

RF50mm F1.8 STM

Minimum focusing distance
30 cm

Maximum magnification
0.25x

EF50mm f/1.8 STM

Minimum focusing distance
35 cm

Maximum magnification
0.21x

RF50mm F1.8 STM

Distinguished form and operability

Focus/control ring
Focus/control ring with detailed diamond knurling that does not slip and is easy to operate

Mount core ring
The new lens mount system is clearly expressed by the mount core ring with the same color as the mount ring on the camera

External notation
The requisite minimum simple exterior notation

Metal mount
A low-priced, high-quality and robust metal mount is used

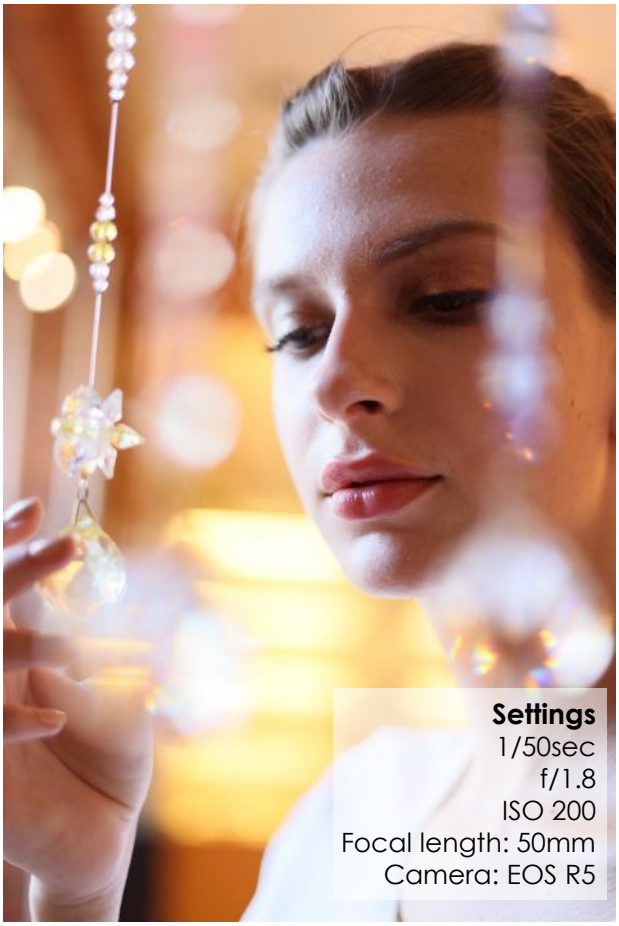
Excellent portability

Can be stored with the lens hood reversed

RF50mm F1.8 STM

Sample images

Settings
1/250sec
f/1.8
ISO 100
Focal length: 50mm
Camera: EOS R5



Settings
1/50sec
f/1.8
ISO 200
Focal length: 50mm
Camera: EOS R5

Settings
1/125sec
f/1.8
ISO 1600
Focal length: 50mm
Camera: EOS R5

Settings
1/125sec
f/1.8
ISO 200
Focal length: 50mm
Camera: EOS R5