Canon

RF100mm-400mm F5.6-8 IS USM

Specifications

Lens	
Focal Length	100-400mm
Maximum and Minimum Aperture	(Max.) f/5.6 – f/8 (f/8 at 400mm position) (Min.) f/32 – f/45 (f/45 at 400mm position)
Lens Mount Type	RF Mount; Metal Mount
Minimum Focusing Distance	3.94 feet (1.2m) at 100mm 2.89 feet (0.88m) at 200mm 3.44 feet (1.05m) at 400mm
Maximum Magnification	0.41x, at 400mm (0.09x at 100mm)
Field of View, at Minimum Focus Distance	Approx. (100mm) — 10.2 x 15.2 in. (260 x 386mm) (400mm) — 2.2 x 3.3 in. (57 x 85mm)
Angle of View (Diagonal)	Approx. 24° – 6°10"
Extender RF Compatibility	
Compatible with Canon Extender RF1.4x / RF2x	Yes
Equivalent Focal Length / Maximum Aperture	• RF1.4x — 140mm–560mm, f/8–11 • RF2x — 200–800mm, f/11–16
Maximum Close-focusing Magnification	• RF1.4x — 0.12x – 0.58x • RF2x — 0.18x – 0.83x
Autofocus with EOS R Series Cameras (as of September, 2021)	Possible with either extender, at all zoom settings
Image Stabilizer, with EOS R series Cameras (as of September, 2021)	Possible with either extender, at all zoom settings
Optical Design	
Lens Construction	12 elements in 9 groups
Special Elements	• (One) UD-glass element • (One) Aspherical element
Lens Coating	• Canon SSC (Super Spectra Coating)
Filter Size Diameter	Ø67mm
Aperture Blades	9; circular shape
Focusing	
Focusing Drive System	Nano USM; rear focusing system
Full-time Manual Focusing	Yes (Lens Electronic MF)

Dual Pixel CMOS AF Coverage (Horizontal x Vertical)	EOS R, EOS RP Approx. 88% x 100% • With Extender RF1.4x — approx. 80% x 80% • With Extender RF2x — approx. 40% x 60% EOS R5, EOS R6 Approx. 90% x 100% Face+Tracking horizontal: approx. 100% x 100% • With Extender RF1.4x — approx. 80% x 80% • With Extender RF2x — approx. 40% x 60%

Image Stabilization

IS on–off	Image Stabilizer switch, on lens barrel
Optical Image Stabilization	Provided • 5.5 stops optical IS correction (at 400mm) • Conforms to CIPA test standards, using EOS R
Coordinated IS (with EOS R-series cameras having In-Body Image Stabilization)	Provided • 6 stops Coordinated IS correction (at 400mm) • Conforms to CIPA test standards, using EOS R-series cameras with In-Body Image Stabilization
IS Mode Selection	None (Automatic switching to panning correction IS, when panning is detected)
Panning Mode Support (SCN mode)	Supported

Exterior Design

Control Ring	Provided (with click-stops) • Programmable via "Customize Dials" in camera's Custom Functions menu • 58 clicks per revolution • Clicks can be removed by Canon service center, for a service fee
Manual Focus Ring	Electronic ring system • Full-time Manual focus possible • No physical limit to ring rotational angle
Distance Scale	None • Distance scale available in EVF or Live View LCD screen of compatible EOS R cameras
Distance Limiter Switch	None
Dust / Weather Resistant Construction	None

Dimensions, Weight

Maximum Outer Diameter x Length	Approx. 6.48 in. x ø3.13 in. (164.7 x ø79.5mm)
Weight	Approx. 22.4 oz. / 1.4 lb. / 635g

Accessories

Lens hood	Canon ET-74B • Optional accessory, sold separately
Lens Cap	(Front) Canon E-67 II (center pinch-type) (Bundled) (Rear) Canon Dust Cap RF
Dust Cap	Canon Lens Dust Cap RF (Bundled)
Lens Case	Canon Lens Case LP-1224 • Optional accessory, sold separately
Extension Tubes	None (No Canon RF mount extension tubes)
Close-up Lenses 250D / 500D	None (no 67mm size available)