



# RF28-70mm F2.8 IS STM

## Specifications

Lens		
Focal Length	28-70mm	
Maximum and Minimum Aperture	f/2.8 - f/22	
Lens Mount Type	RF Mount	
Compatible Cameras	Canon EOS R-series, APS-C and full-frame	
Minimum Focusing Distance	0.27m (10.6in) at 28mm with AF 0.24m (9.4in) at 28mm with MF	
Maximum Magnification	0.24x at 70mm with AF or MF	
Field of View, at Minimum Focus Distance	Approx. 219.6 × 146.4mm (28mm w/ AF) to approx. 141.6 × 94.4mm (70mm w/ AF) Approx. 182.2 × 121.5mm (28mm w/ MF) to approx. 141.6 × 94.4mm (70mm w/ MF)	
Angle of View (Diagonal)	75°- 34°	
Optical Design		
Lens Construction	15 elements in 12 groups	
Special Elements	(Two) UD Lenses, (Two) Aspherical Lenses	
Lens Coating	SSC (Super Spectra Coating)	
Filter Size Diameter	ø67 mm	
Aperture Blades	9	
Image Stabilization (yaw/pitch directions)	5.5 stops of shake correction at the center of the image. •CIPA2024 standards (yaw/pitch directions at a focal length of 70 mm using an EOS R8)	
Image Stabilization with coordinated control using In Body Image Stabilizer and Optical IS	7.5 stops at center, 7.0 stops at corners •CIPA2024 standards (yaw/pitch/roll directions at a focal length of 70 mm using an EOS R1)	
Focusing		
Focusing Drive System	Leadscrew Type STM	
Full-time Manual Focusing	Yes (Supports both ONE SHOT AF and SERVO AF with compatible EOS R-series cameras)	
Dual Pixel CMOS AF Coverage (Horizontal x Vertical)	• EOS R/Ra/RP/R100	Approx. <b>88%</b> x <b>100%</b>
	• EOS R5/R6	Approx. <b>100%</b> x <b>100%</b> With face + tracking priority AF Approx. <b>90%</b> x <b>100%</b> Without face + tracking priority AF
	• EOS R7/R10/R50	Approx. <b>100%</b> x <b>100%</b> for whole area AF Approx. <b>100%</b> x <b>100%</b> for non-whole area AF Approx. <b>90%</b> x <b>100%</b> when subject has not been detected
	• EOS R3/R6 MK II/R8	Approx. <b>100%</b> x <b>100%</b> for whole area AF Approx. <b>100%</b> x <b>100%</b> for non-whole area AF Approx. <b>90%</b> x <b>100%</b> when subject has not been detected

Exterior Design	
<b>Control Ring</b>	Dual-function Manual focus ring / Control Ring (selected using control switch)
<b>Manual Focus Ring</b>	Electronic ring system • No physical limit to ring rotational angle
<b>AF/MF Switch</b>	Provided (AF/Control/MF)
<b>Aperture Ring</b>	Not Provided
<b>Lens Function Button</b>	Not Provided
<b>External Distance Scale</b>	None • Distance scale available in EVF or Live View LCD screen of compatible EOS R-series cameras
<b>Distance Limiter Switch</b>	None
<b>Dust / Weather Resistant Construction</b>	Yes
Dimensions, Weight	
<b>Maximum Outer Diameter x Length</b>	Approx. ø3.0 in. (ø76.5mm) x 3.6 in. (92.2mm) (Retracted) 4.4 in. (112.4mm) (Wide) 5.5 in. (138.9mm) (Tele)
<b>Weight</b>	Approx. 17.5 oz. / 1.1 lb. / 495g
Accessories	
<b>Lens hood</b>	Canon EW-73D • Petal-type, detachable bayonet hood attachable in reverse. (Sold Separately)
<b>Lens Cap</b>	(Front) Canon E-67II (center pinch-type) (Bundled)
<b>Dust Cap</b>	Canon Lens Dust Cap RF (Bundled)
<b>Lens Case</b>	Canon Lens Case LP1116 (Sold Separately)
<b>Extension Tubes</b>	None
<b>Close-up Lenses 250D / 500D</b>	None
<b>Canon RF Extender 1.4x/2x</b>	Not compatible
<b>Canon Gelatin Filter Holder III/IV</b>	Not compatible
<b>Rear Gelatin Filter Holder</b>	Not compatible