

you can  
**Canon**

EF LENS

EF 70-300mm  
f/4.5-5.6 DO IS USM

# Do it.



A new era of agility and creativity in telephoto zoom lenses. The world's first camera zoom lens with a triple layered diffractive optical element (DO) is a triumph of precision optics, delivering compact size, low weight and unrivalled image quality.

- Compact and lightweight. Less than 10cm long with 3-layer DO element
- Unrivalled image quality
- Image Stabilizer compensates approximately three stops
- Rear focusing, ring USM for silent high-speed Auto Focus
- Full-time manual focus possible in AF mode
- Circular diaphragm for beautiful background blur effect
- Zoom ring lock prevents zoom elements extending under own weight
- Precise distance information passed to E-TTL II metering
- Lens coatings optimised for use with digital cameras



OFFICIAL PARTNER



With its multi-layer diffractive optical (DO) element, Image Stabilization (IS) and Ultra-Sonic Motor (USM) technologies, the EF 70-300mm f/4.5-5.6 DO IS USM is a celebration of precision optics. The lens sets new standards in compact size and high image quality. IS technology allows razor sharp images at low shutter speeds, while rear focusing USM delivers fast, silent auto focus.

The EF 70-300mm f/4.5-5.6 DO IS USM is the world's only zoom lens to incorporate a DO element\*. Introduction of a new triple-layered DO element not only makes the lens more nimble, it delivers unrivalled imaging performance. The DO element combines with normal refraction elements to correct colour aberration to levels comparable to that achievable with fluorite elements or Ultra-low Dispersion (UD) lenses.

The result: superb image quality in an exceptionally small package.

\*As of January 2004.

## Specifications EF 70-300mm f/4.5-5.6 DO IS USM

Lens Construction	18 elements in 12 groups, including diffractive optical elements and 1GMo aspherical lens
Coating	Super Spectra Coating
Diagonal Angle of View	34° - 8° 15'
Vertical Angle of View	19° 30' - 4° 35'
Horizontal Angle of View	29° - 6° 50'
AF Drive System	Ring USM
Manual Focusing	Enabled with focus mode switch and focusing ring (full-time manual focusing)
Focusing Range	1.4m to infinity (at all zoom focal lengths)
Maximum Magnification (x)	0.06 (Wide); 0.19 (Tele)
Mount Type	Canon EF mount
Minimum Aperture	f/32 - 38 (f/32 - 40 for cameras featuring 1/3-stop increments)
Aperture Blades	6 (circular type)
Filter Diameter	58mm
Diameter x Length	82.4x99.9mm
Weight	720g

Lens Hood	ET-65B
Lens Cap	E-58U
Lens Case	LP1116
Extension Tube EF12 II	Compatible
Extension Tube EF25 II	Compatible
EF 1.4x II or EF 2x II	Not compatible
Image Stabilizer (IS)	Included; activated by pressing the shutter button halfway
IS Modes	Mode 1: normal image stabilization Mode 2: unidirectional image stabilization
IS Max. Deviation	+/- 0.9mm
IS Max. Correction Angle	+/- 0.43° (at telephoto, infinity)

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