

SP 150-600mm

F/5-6.3 Di VC USD



TAMRON

New eyes for industry

for Canon/Nikon/Sony

Ready and very steady



NEW

SP 150-600mm F/5-6.3 Di VC USD

Model A011

With proprietary Vibration Compensation system, the new-look Tamron SP 150-600mm zoom keeps you primed for action.

Di (Digitally Integrated) lens designed for digital full-frame and APS-C/APS-H sized SLR cameras. Comes with lens hood.

Compatible mounts: Canon, Nikon, Sony*

* The Sony mount does not include the VC image stabilization functionality, as the body of Sony digital SLR cameras includes image stabilization functionality. Consequently, the name of the Sony mounted lens does not include the VC description (SP 150-600mm F/5-6.3 Di USD).

Zoom up to 600mm for images that soar



Capture the power and beauty of wildlife, birds, travel destinations, and exciting sports action close-ups with this high-performance 150 - 600mm long-range zoom. VC (Vibration Compensation) and USD (Ultrasonic Silent Drive) enable you to shoot crisp images of fast-moving, distant subjects handheld, while proprietary Tamron optical technology, including eBAND Coating, works to suppress flare and ghosting for impressively clear, vibrant images.



Advanced optical technology

Three LD (Low Dispersion) elements are effectively deployed to correct chromatic aberrations, a challenging problem when shooting at long distances and at long focal-length settings. Tamron's eBAND Coating and BBAR (Broad-Band Anti-Reflection) Coating help suppress flare and ghosting for class-leading image quality.

USD (Ultrasonic Silent Drive)

The quiet high-torque USD motor ensures a speedy and accurate autofocus response.



Built-in USD

Compact and stylish

While covering a very wide range of focal lengths, this lens is remarkably compact and accepts 95mm filters. Its stylish design with signature Tamron tungsten silver finish and elegant brand ring incorporates a sturdy tripod mount to enhance both stability and ease of use.

Moisture-resistant construction

Moisture-resistant construction helps prevent moisture from penetrating the lens.

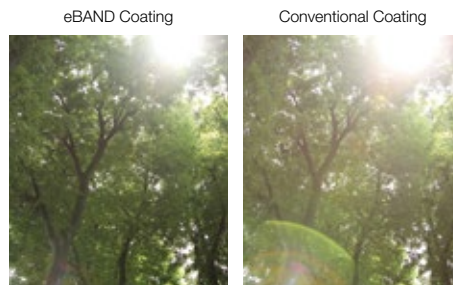
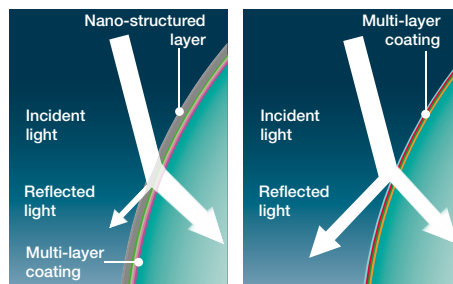


Moisture-resistant construction diagram

New eBAND (Extended Bandwidth & Angular-Dependency) Coating

This new coating technique developed by Tamron deploys a nano-structured layer (1nm = 1/1,000,000mm) of ultra-low refractive index, with dimensions smaller than the wavelengths of visible rays of light. This nano-structured layer coupled with the sophisticated multiple layer coatings underneath, yields significant anti-reflection properties, efficiently reducing undesired flare and ghosting to an absolute minimum to deliver sharp, crisp images.

Schematic diagram:



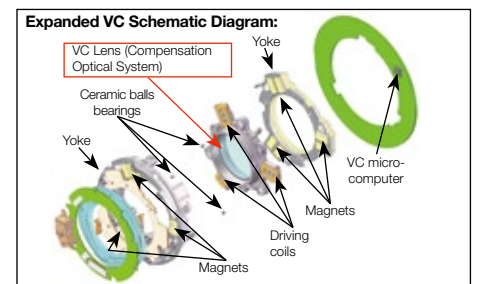
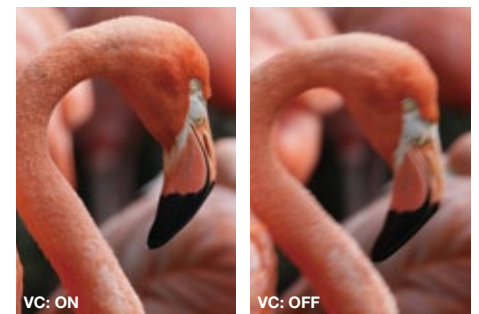
Lenses with eBAND Coating offer dramatically improved control over flare and ghosting even in extremely poor light conditions.

(Photographs display the effects of eBAND Coating but were not taken with A011.)

VC (Vibration Compensation)

VC (Vibration Compensation) is Tamron's proprietary image stabilization system. Tamron's VC is a three-coil system, whereby three driving coils activate the shake-compensating VC lens group electromagnetically via three ceramic ball bearings.

The VC lens elements are held in place only by contact with the ceramic ball bearings, achieving smooth movement with little friction. And since the VC mechanism is moved in parallel using only the motorized control, the mechanical structure has been simplified, enabling the development of a more compact lens.

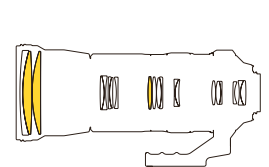


■ SP 150-600mm F/5-6.3 Di VC USD for Canon, Nikon ■ SP 150-600mm F/5-6.3 Di USD for Sony ■ Di (Digitally Integrated) lens designed for digital APS-C and full-size SLR cameras. Model: A011

Model	A011
Focal Length	150-600mm
Maximum Aperture	F/5-6.3
Angle of View (diagonal)	16°25'-4°8' (for full-frame format) 10°38'-2°40' (for APS-C format)
Lens Construction	20 elements in 13 groups
Minimum Focus Distance	2.7m
Max. Magnification Ratio	1:5

Filter Size	95mm
Length¹	257.8mm
Maximum Diameter	105.6mm
Weight	1951g (including detachable tripod mount)
Diaphragm Blade Number	9 (rounded diaphragm) ²
Minimum Aperture	F/32-40
Standard Accessories	Lens hood, detachable tripod mount
Compatible Mounts	Canon, Nikon, Sony ³

A011 Lens Construction



Specifications, appearance, functionality, etc. may be changed without prior notice. Length and weight values given are for the Nikon mount.

¹ Length is the distance between the mount face and the tip of the lens.

² This rounded diaphragm retains a nearly circular shape even when taken two stops down from its fully open state.

³ The Sony mount does not include VC, as Sony digital SLR bodies include image stabilization functionality.

Caution: Please read the instruction manual carefully before using the lens

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Manufacturer of precise and sophisticated optical products for a board range of industries.

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Management on Quality and Environment

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Note: Information valid as of November 2013. Information in this publication is subject to change at any time without prior notice.