

AF 18-270mm F/3.5-6.3 Di II VC

LD Aspherical [IF] MACRO **new**

TAMRON
New eyes for industry

[Equivalent to 28-419mm*]

* When converted to full-size format.



The Ultimate All-In-One Zoom: Longest, Steadiest Lens On Earth

* In the category of photographic lenses designed exclusively for digital SLR cameras with smaller-size image; researched by Tamron, Aug. 2008

** VC: Vibration Compensation Unit

• This lens is not designed for use with 35mm film cameras and digital SLR cameras with image sensors larger than 24x16mm.

Di II


Lenses designed for exclusive use on digital cameras with smaller-size imagers.

Model B003 For Canon, Nikon


<http://www.tamroneurope.com>

EN



270mm  (Equivalent to 419mm) Exposure: F/9 Auto ISO200 WB: Auto



18mm  (Equivalent to 28mm) Exposure: F/9 Auto ISO200 WB: Auto



**Get blur-free shots with VC -
Capture all of your precious**

15x ZOOM Amazing Zoom Power of 15X – World's First Achievement

As the pioneer of high power lenses, Tamron has steadily evolved its high power zoom lenses since 1992 by means of accumulated technologies from 7,1x to 10,7x to 15x!

The lens covers an angle of view equivalent to that of a 28mm wideangle to a 419mm ultra telephoto with just one lens, letting the user capture once-in-a-lifetime images of panoramic landscape images or close-up pictures of children smiling, without having to get too close to the subject and without having to change lenses.

Amazing "15x" Zoom



18mm (Equivalent to 28mm)



270mm (Equivalent to 419mm)

Ultra Telephoto 270mm



200mm (Equivalent to 310mm)



270mm (Equivalent to 419mm)

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AF 18-270mm F/3.5-6.3 Di II VC LD Aspherical [IF] MACRO



Model B003 For Canon, Nikon

new

Specifications

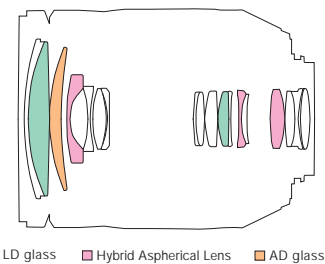
Model	B003
Focal Length	18-270mm
Maximum Aperture	F/3.5-6.3
Angle of View	Diagonal: 75°33'-5'55"
(Equivalent to APS-C size)	Horizontal: 65°36'-4'55"
	Vertical: 46°21'-3'10"
Lens Construction	18 elements 13 groups
Minimum Focus Distance	0.49m (19.3")
Max. Mag. Ratio	1:3.5 (at f=270mm, MFD:0.49m)
Overall Length	101.0mm (3.9")
Maximum Diameter	ø79.6mm (3.1")
Filter Size	ø72mm
Weight	550g (19.5oz.)*
Diaphragm Blades	7
Minimum Aperture	F/22-F/40 (18-270mm)
Standard Accessory	Flower-shaped hood
Compatible Mount	Canon, Nikon**

* Values given are for Nikon cameras.

** The Nikon mount is a NII version for use with Nikon cameras which require a built-in motor.

Lens Construction

< 18 elements 13 groups >




270mm  (Equivalent to 419mm) Exposure: F/40 Auto (1/15sec.) ISO200 WB: Auto Hand-held



35mm  (Equivalent to 54mm) Exposure: F/13 Auto (1/15sec.) ISO1000 WB: Auto Hand-held



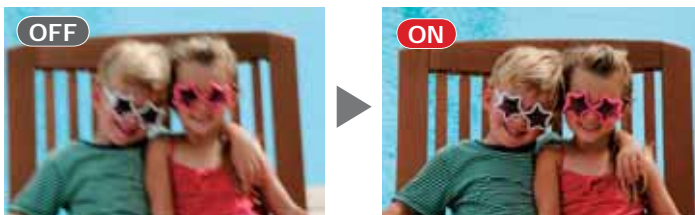
270mm  (Equivalent to 419mm) Exposure: F/8 Auto ISO400 WB: Auto Minimum Focus Distance: 0.49m (Macro Magnification Ratio: 1:3.5)

Indoors and out, dawn to dusk moments with the 18-270 VC

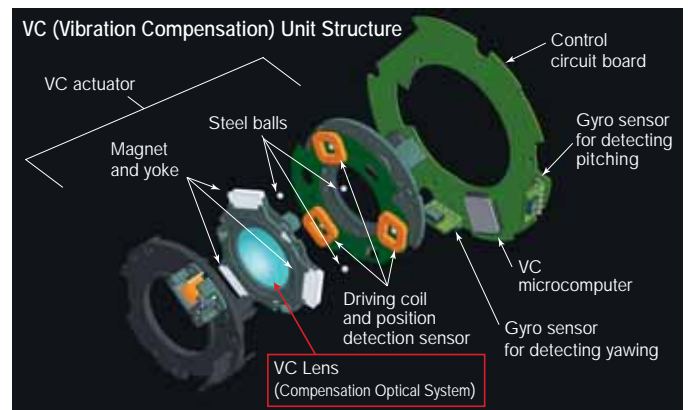
VC Features Advanced VC Mechanism Highly Evaluated for Its Hand-shake Compensation Performance

The highly evaluated VC (Vibration Compensation) mechanism originally developed by Tamron delivers exceedingly stabilized viewfinder images for remarkable hand-held photography without annoying motion delay. The VC mechanism exhibits its camera-shake compensation performance to the maximum extent at dusk, in dimly-lit indoor situations, or in hand-held shooting at the ultra-telephoto settings.

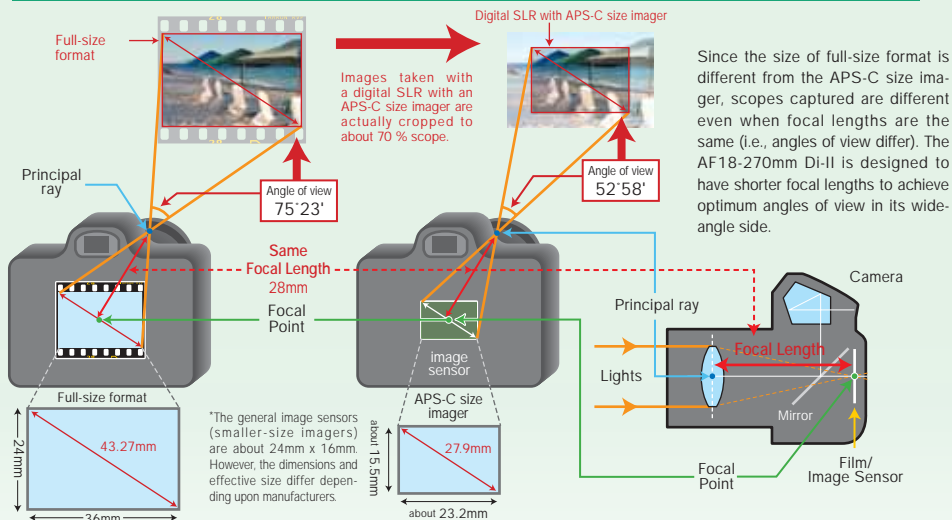
Vibration Compensation mechanism



Focal Length 270mm (Equivalent to 419mm) Exposure F/29 1/50sec.



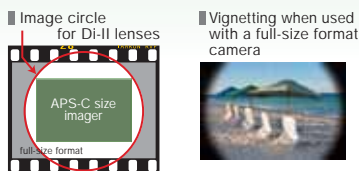
Designed to capture the optimum scope when used with a APS-C digital camera



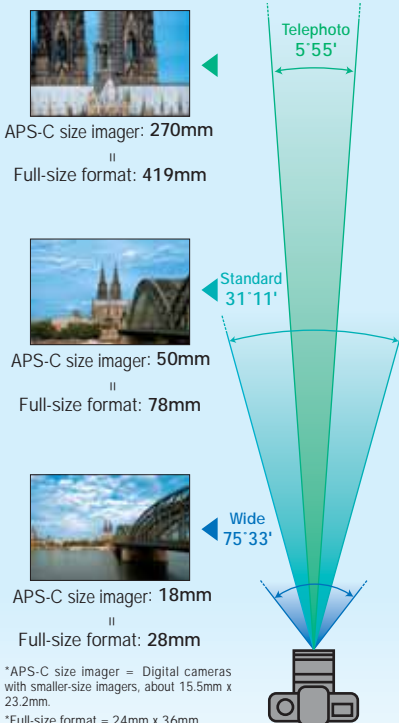
Designed to fit APS-C size imagers in order to reduce its diameter

Attempts to design shorter focal lengths inevitably result in a larger lens diameter. Tamron has solved this problem by designing the size of the lens' image circle to match that of APS-C size imagers. In the compact design, it is almost comparable to a lens offering the same angles of view in full-size format.

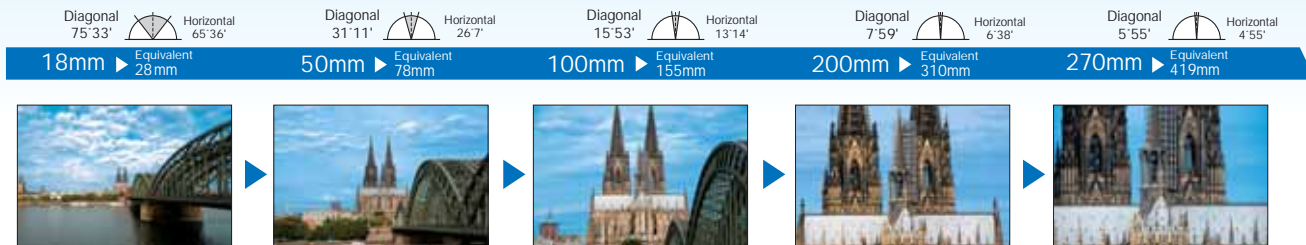
*When pictures are taken with a Di-II lens on a full-size format, image corners become dark (i.e., vignetting becomes noticeable).



Full-size format and APS-C size imager –Angles of View and Focal Lengths



Different Angles of View



Categories of Tamron's Di lens series

Di II Lens Series

For APS-C Digital



Designed exclusively for digital cameras with APS-C size imagers.

Di-II lenses are designed exclusively for digital SLRs with APS-C size imagers. This series of lenses are not designed for 35mm film cameras and digital SLR cameras with image sensors larger than 24 x 16mm.

- SP AF10-24mm F/3.5-4.5 Di II (Model B001)
- AF18-250mm F/3.5-6.3 Di II (Model A18)
- SP AF17-50mm F/2.8 XR Di II (Model A16)
- AF18-270mm F/3.5-6.3 Di II VC (Model B003)
- AF18-200mm F/3.5-6.3 XR Di II (Model A14)
- AF55-200mm F/4-5.6 Di II (Model A15)

NOTE: Vignetting occurs when pictures are taken with a Di-II lens mounted on a full-size format SLRs camera or a digital SLRs with an image sensor larger than 24 x 16mm.

Di Lens Series



Digitally integrated design.

Di lenses are designed to fit the characteristics of digital cameras as well as film cameras by paying attention to countermeasures against ghosting and flare through such advances as special coatings.

- SP AF28-75mm F/2.8 XR Di (Model A09)
- SP AF70-200mm F/2.8 Di (Model A001)
- AF28-200mm F/3.8-5.6 XR Di (Model A031)
- AF70-300mm F/4-5.6 Di Macro 1:2 (Model A17)
- AF28-300mm F/3.5-6.3 XR Di VC (Model A20)
- SP AF200-500mm F/5-6.3 Di (Model A08)
- AF28-300mm F/3.5-6.3 XR Di (Model A061)
- SP AF90mm F/2.8 Di Macro 1:1 (Model 272E)
- SP AF180mm F/3.5 Di Macro 1:1 (Model B01)

NOTE: The angles of view obtained by a "Di" lens mounted on a digital camera with smaller-size imagers differ from those obtained by the same lens mounted on a full-size format SLRs.

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

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Quality Assurance Activities: At Tamron, quality management activities are performed in compliance with ISO9001:2000 not only to assure product quality but to enhance customer satisfaction.

Environmental Protection: We recognize the significance of our social responsibilities. Tamron promotes corporate activities that protect the earth's environment through the establishment of a quality assurance system that is compliant with ISO 14001.