



Focal length: 17mm (equivalent to 26mm) Exposure: F/16 1/10 sec ISO200 WB: Auto Handheld photography

**It's what's inside that captures light, and the moment.**

**A high-performance, high-speed lens equipped with VC image stabilization.**

The renowned VC image stabilization mechanism developed in-house by Tamron is truly state-of-the-art. By building VC into fast, constant-aperture F/2.8 normal zoom lens, the resulting synergy has resulted in a lens optimized to deliver top-notch performance in practically any shooting situation. Lens components have also benefitted from advances in production technology, resulting in greater precision, reduced weight and enhanced strength. And since the VC compensator lens moves parallel to the image plane via electronic control alone, the mechanism is simplified and the lens itself is more compact.

**Uncompromising countermeasures to control ghosting and flare.**

The new BBAR (Broad-Band Anti-Reflection) coatings adopted reduce internal lens reflections and dispersion that cause ghosting and flare. The coatings enhance light transmission in both the short and long wavelength ranges, ensuring excellent performance in virtually any shooting condition. Additionally, specially formulated internal surface coatings have been applied to the cemented surfaces of all lens elements to ensure sharp, high-contrast images and flawless color reproduction.

**Special high-grade glass used for multiple elements.**

Various aberrations are corrected with the use of special XR (Extra Refractive Index) glass. The optimum placement of three compound aspheric elements has resulted in a more compact optical system overall while maintaining uniformly high imaging performance. Two LD (Low Dispersion) lens elements are also employed to effectively correct axial chromatic aberrations, which particularly important at the longer focal lengths, and chromatic aberrations of magnification, which occur primarily at the wide-angle end. Using these high-value glass materials with their own special properties for multiple elements has enabled us to design a lens that captures extraordinarily sharp images over the entire zoom range.

**Minimum focus distance of 0.29m (11.4 in) over the zoom range, with macro capability to 1:4.8.**

With an optical system designed exclusively for optimum performance on digital SLR cameras with APS-C size image sensors, the angular coverage range of this lens is impressive. And even though it has a built-in VC image stabilization system, it still delivers a close minimum focus distance of 0.29m (11.4 in) across the entire zoom range. In short, it allows you to enjoy serious, high-quality macro photography with unaccustomed convenience.

**Designed exclusively for digital SLR cameras with APS-C size image sensors.**

Tamron's Di II lens series has been designed exclusively for use on digital SLR cameras with APS-C size image sensors that are somewhat smaller than the 35mm film format. By employing an optical design optimized for the APS-C-format image circle, the lens has been kept remarkably compact and lightweight for maximum portability, while at the same time incorporating groundbreaking specs in a flexible, user-friendly focal-length range.

\*When attached to a 35mm format camera, peripheral areas of the image will be dark (vignetting will occur). Please note that this lens is not designed for use on 35mm film cameras or digital SLR cameras with image sensors larger than the APS-C size.



The image circle of an APS-C size sensor is not able to cover the entire area of 35mm film.



For this reason, when a lens exclusively for APS-C size sensors on digital cameras is used on a 35mm format camera, vignetting may occur, as demonstrated in the photograph above (photograph is an image).



Make the most of your light.  
With perfect stability.

NEW  
F2.8  
VC

Focal length: 50mm (equivalent to 78mm)  
Exposure: F/2.8 1/40 sec ISO800 WB: Auto Handheld photography



A dramatic advance in speed, imaging performance, and freedom of expression: New standard zoom provides F/2.8 at all focal lengths plus VC image stabilization.

**SP AF 17-50mm F/2.8 XR Di II VC LD Aspherical [IF]**  
(Model B005) With flower-shaped lens hood. Compatible mounts: for Canon, Nikon (with built-in AF motor).  
Di (Digitally Integrated) II lenses are designed for exclusive use on digital SLR cameras (with sensors equivalent to APS-C size).

<http://www.tamron.com>

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

B05-EG-111-M-0909-0140

**TAMRON®** Manufacturer of precise and sophisticated optical products for a broad range of industries.

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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 ISO14001.





Focal length: 17mm (equivalent to 26mm) Exposure: F/2.8 1/160 sec ISO200 WB: Auto

**A masterpiece of innovative optical design.**  
**New Tamron high-speed standard zoom lens delivers F/2.8 aperture over the entire zoom range, adds state-of-the art tri-axial VC image stabilization mechanism for critically sharp handheld image capture.**

This lens inherits the superb optical performance of the world-renowned high-speed standard zoom, the Tamron SP AF17-50mm F/2.8 XR Di II, acclaimed for its wide maximum aperture of F/2.8 at all focal lengths, and adds the benefits of Tamron's unique proprietary Vibration Compensation (VC) system that delivers critically sharp shake-free handheld images over an extended shooting range. This new fast standard zoom, designed exclusively for use on digital SLR cameras with APS-C size sensors, represents a new stage in the evolution of Tamron lenses. By employing cutting-edge optical technology and state-of-the-art production engineering, Tamron was able to combine the practical shooting advantages, superior definition, and impressively stable viewfinder images provided by VC (Vibration Compensation) system with the outstanding brightness, sharpness, and depth-of-field control possible with a high-speed F/2.8 maximum aperture, and to build a remarkably compact, easy to use lens that allows photographers to express the full range of their creative potential.

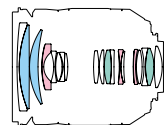
**Impressive speed plus superb imaging performance —**  
**High-speed F/2.8-maximum-aperture zoom with advanced VC image stabilization mechanism.**

## SP AF 17-50mm F/2.8 XR Di II VC LD Aspherical [IF] (Model B005) With flower-shaped lens hood.



### SPECIFICATIONS

Model	B005	Length	94.5mm* (3.7in)
Focal Length	17-50mm	Diameter	79.6mm (3.13in)
Maximum Aperture	F/2.8	Weight	570g** (20.15oz)
Angle of View (diagonal)	78°45' ~ 31°11'	Diaphragm Blade Number	7
Lens Construction	19 elements in 14 groups	Minimum Aperture	F/32
Minimum Focus Distance	0.29m (11.4in)	Standard Accessory	Flower-shaped lens hood
Max. Magnification Ratio	1:4.8	Compatible Mounts	For Canon, Nikon (with built-in AF motor)
Filter thread	72mm		



■ XR (Extra Refractive-Index) glass  
 ■ LD (Low Dispersion) glass  
 ■ Aspherical Lens

\* Length and weight values given are for Nikon cameras (with built-in AF motor).  
 \*\* Specifications, appearance, functionality, etc. may be changed without prior notice.



Focal length: 17mm (equivalent to 26mm)  
 Exposure: F/4 1/125 sec ISO200 WB: Auto



Focal length: 17mm (equivalent to 26mm)  
 Exposure: F/8 1/125 sec ISO400 WB: Auto



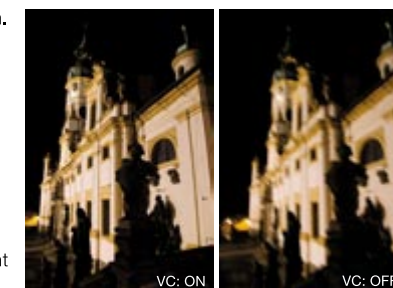
Focal length: 50mm (equivalent to 78mm) Exposure: F/2.8 1/250 sec ISO200 WB: Auto

As an SP Di II class lens optimized for exclusive use on digital SLR cameras with APS-C size image sensors, this lens employs an advanced optical design that delivers fine, high-definition digital images, with high resolution, high contrast, and excellent image recording accuracy over the entire imaging field. Special glass has been used for multiple lens elements to correct the various aberrations that would otherwise diminish imaging performance. The result is a lens that captures extraordinary detail and contrast, but is impressively compact in size. Ghosting and flare have been reduced to a minimum with the use of special coatings on all cemented optical surfaces, resulting in sharp lifelike images with excellent color fidelity. The SP AF17-50mm F/2.8 XR Di II VC represents the crowning achievement of Tamron's optical design capabilities and technological knowhow. This gem of photographic technology will not only awaken your photographic creativity but also allow you to express it at the highest level.

### Equipped with VC, Tamron's proprietary tri-axial image stabilization mechanism.

The chief attraction of VC is its excellent tracking performance and extremely stable, shake-free viewfinder image, both achieved by the highly acclaimed actuator system and algorithms developed in-house by Tamron. The VC mechanism employs a three-coil system, whereby three driving coils move the shake-compensating VC lens group electromagnetically, based on signals originating from three steel ball bearings. This unique system, achieves an ultra smooth compensating movement with virtually no friction. As a result, VC is extremely effective and accurate in correcting the effects of camera shake that are especially troublesome when shooting at high magnifications in and low-light situations, e.g. at night or indoors, or at macro distances or medium telephoto focal lengths. With VC, handheld photography is now an easy and convenient option over a much wider shooting range.

\* VC is an abbreviation of Vibration Compensation, and is also available in the 18-270mm [B003] and 28-300mm [A20] models.



Focal length: 18mm Exposure: F/2.8 1/10 sec

