



Focal length: 17mm (equivalent to 26mm) Exposure: F/16 1/10 sec ISO200 WB: Auto Hand-held 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 by Tamron is truly state-of-the-art. By building VC into a fast, constant-aperture F/2.8 standard zoom lens, the synergy has resulted in a lens optimized to deliver top-notch performance in practically any shooting situation. Lens components have also benefited 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 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, special internal surface coatings have been applied to the cemented surfaces 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 is particularly important at the longer focal lengths, and chromatic aberrations of magnification, which occur primarily at the wide-angle end. The use of high-grade glass 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.

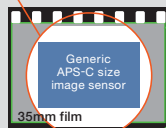
With an optical system designed exclusively for optimum performance on digital SLR cameras with APS-C size image sensors, the angular coverage range of this lens is impressive. And even though it has a built-in VC image stabilization system, it still delivers a close minimum focus distance of 0.29m (11.4 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 which are 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.

Image circle of lens exclusively for APS-C size sensors on digital cameras.



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 designed exclusively for APS-C sized digital cameras is used on a 35mm or full-format camera, vignetting may occur, as demonstrated in the photograph above (photograph is an image).

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

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**TAMRON**

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**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.



**TAMRON**  
New eyes for industry

**Make the most of your light.**

**With perfect stability.**

NEW  
F2.8  
VC

Focal length: 50mm (equivalent to 76mm) Exposure: F/2.8 1/40 sec ISO800 WB: Auto Hand-held photography



A dramatic advance in speed, imaging performance, and freedom of expression: Fast standard F/2.8 zoom combined with VC image stabilization.

**SP AF 17-50mm F/2.8 XR Di II VC LD Aspherical [IF]**

www.tamroneurope.com



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

A masterpiece of innovative optical design.  
 New Tamron F/2,8 fast standard zoom, combined with the state-of-the-art VC image stabilizer  
 for capturing exceptionally sharp hand-held images.

This lens inherits its superb optical performance from the award-winning SP AF17-50mm F/2,8 XR Di II (model A16) and is topped off with Tamron's unique proprietary Vibration Compensation (VC) image stabilizer. The development of this lens marks a new stage in the evolution of Tamron lenses, as it is the first time that the VC technology was built into a fast F/2,8 lens. This lens boasts all of the advantages of a fast F/2,8 lens; outstanding brightness, sharpness and depth-of-field control combined with those of VC; superior definition and impressively stable images made possible by employing cutting-edge technology and state-of-the-art production engineering. The result is a remarkably compact easy-to-use lens that allows photographers to express the full range of their creative potential.

**SP**

**VC** Vibration Compensation



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	<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> XR (Extra Refractive-Index) glass</li> <li><span style="color: green;">■</span> LD (Low Dispersion) glass</li> <li><span style="color: red;">■</span> Aspherical Lens</li> </ul>
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			

Di II (Digitally Integrated) lenses are designed for the exclusive use on APS-C sized digital SLR cameras.

\* 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

**SP**

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 used to correct the various aberrations that would otherwise diminish the imaging performance. The result is a lens that captures extraordinary detail and contrast, but is impressively compact in size. Ghosting and flare are reduced to a minimum by using special coatings on all cemented 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 know-how. This gem of photographic technology will not only awaken your photographic creativity but will also allow you to express it at the highest level.

**VC** Vibration Compensation

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 by Tamron. The VC mechanism employs a three-coil system, which drives three steel ball bearings with little-friction, steering the shake-compensating VC lens element electromagnetically, based on signals originating from two highly sensitive and accurate gyro sensors. 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 and in low-light situations, e.g. at night, indoors, macro distances or medium telephoto focal lengths. With VC, handheld photography is now an easy and convenient option over a much wider range of shooting situations.

\* VC stands for 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

