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 DiⅡ VC LD Aspherical [IF]**

(Model B005) With flower-shaped lens hood. Compatible mounts: for Canon, Nikon (with built-in AF motor).

Di (Digitally Integrated) lenses are designed for exclusive use on digital SLR cameras (with sensors equivalent to APS-C size).

http://www.tamron.com
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 AF 17-50mm 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.

High-speed F/2.8-maximum-aperture zoom with advanced VC image stabilization mechanism.

**Specifications, appearance, functionality, etc., may be changed without prior notice.**

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Focal Length</th>
<th>Maximum Aperture</th>
<th>Angle of View (diagonal)</th>
<th>Minimum Focus Distance</th>
<th>Max. Magnification Ratio</th>
<th>Filter Thread</th>
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<tbody>
<tr>
<td>B005</td>
<td>17-50mm</td>
<td>F/2.8</td>
<td>78°/6° - 37°/1°</td>
<td>0.2mm (1/16&quot;)</td>
<td>1:4</td>
<td>72mm</td>
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<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Weight</th>
<th>Diaphragm Blade Number</th>
<th>Minimum Aperture</th>
<th>Standard Accessory</th>
<th>Compatible Mounts</th>
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<tbody>
<tr>
<td>14.5mm</td>
<td>31.7mm</td>
<td>37.4g</td>
<td>7</td>
<td>F/2.0</td>
<td>Flower-shaped lens hood</td>
<td>For Camera, Nikon with built-in AF motors*</td>
</tr>
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</table>

* Length and weight values given are for Nikon camera with built-in AF motors.
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**VC** is an abbreviation of Vibration Compensation, and is also available in the 17-250mm F/3.5-6.3 and 28-300mm F/3.5-6.3 models.

**As an SP Di II class lens optimised for exclusive use on digital SLR cameras with APS-C size 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 image 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 wildlife images with excellent color fidelity. The SP AF 17-50mm 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.**
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 benefited from advances in production technology, resulting in greater precision, reduced weight and enhanced strength. And since the VC compensator 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.

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