A Lightweight Fast Tele-Zoom
Enjoy the Richness of F/2.8

Model A001 For Canon, Nikon, Pentax, and Sony

http://www.tamron.com
Best-in-class 0.95m MFD, plus 1:3.1 macro
A lightweight, high-performance, fast tele zoom

Enjoy the rich expressive performance of a lightweight large-aperture telephoto zoom

With Tamron’s new F/2.8 telephoto zoom lens, you can master the expression of real depth by creating soft-focus backgrounds to emphasize the crisp, clean lines of your subjects, or take advantage of fast shutter speeds to catch action at a distance. This high-performance fast lens gives you the mobility you need to capture outstanding telephoto zoom images—majestic scenery, stunning portraits, sports action, and more.

Minimum focus distance of 0.95m throughout the range plus 1:3.1 for excellent macro shooting

This lens boasts a minimum focus distance of 0.95m over the entire zoom range, the best performance in its class. This makes large-aperture telephoto zoom photography possible over a longer shooting range. The lens also has a maximum magnification ratio of 1:3.1 (at 200mm, with a minimum focus distance of 0.95m), enabling you to enjoy close-up macro photography of flowers, insects, and other tiny objects.

Tamron SP lenses—High-performance design

This zoom lens uses three LD (low dispersion) elements which effectively compensates for chromatic aberrations providing edge-to-edge sharpsness and high-contrast image quality with flat-field characteristics over the entire zoom range. Moreover, through the use of “Internal Surface Coatings” (i.e., multiple-layer coatings on cemented surfaces of plural elements) and multiple-layer coatings to prevent reflections from lens surfaces is reduced to the absolute minimum.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>A001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focal Length</td>
<td>70-200mm</td>
</tr>
<tr>
<td>Maximum Aperture</td>
<td>F/2.8</td>
</tr>
<tr>
<td>Angle of View</td>
<td>Diagonal: 34°21’-12°21’ (22°33’-7°59’) Horizontal: 28°51’-10°17’ (18°49’-6°38’) Vertical: 19°16’-6°57’ (13°20’-4°15’)</td>
</tr>
<tr>
<td>Minimum Focus Distance</td>
<td>0.95m (37.4”) (throughout the range)</td>
</tr>
<tr>
<td>Max.Mag.Ratio</td>
<td>1:3.1 (at f = 200mm, MFD: 0.95m)</td>
</tr>
<tr>
<td>Overall Length</td>
<td>194.3mm (7.6”)*</td>
</tr>
<tr>
<td>Maximum Diameter</td>
<td>ø89.5mm (3.5”)</td>
</tr>
<tr>
<td>Filter Size</td>
<td>ø77mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1150g (40.6oz.)* (without tripod mount)</td>
</tr>
<tr>
<td>Diaphragm Blades</td>
<td>9</td>
</tr>
<tr>
<td>Minimum Aperture</td>
<td>F/32</td>
</tr>
<tr>
<td>Standard Accessory</td>
<td>Flower-shaped hood, Lens Case</td>
</tr>
<tr>
<td>Compatible Mount</td>
<td>Canon, Nikon, Pentax, and Sony</td>
</tr>
</tbody>
</table>

*Values given are for Nikon cameras.

Lens Construction

18 elements 13 groups

LD glass
The remarkably compact and lightweight SP AF28-75mm F/2.8 XR Di (Model A09) and the extremely lightweight large-aperture telephoto zoom SP AF70-200mm F/2.8 Di (Model A001) make you light on your feet as you enjoy the entire 28mm to 200mm range in F/2.8 brightness.

A fast zoom lens providing excellent portability
SP AF28-75mm F/2.8 XR Di (Model A09)
Tamron is proud to present its latest, premium lens technologies—all packed into one large-aperture standard zoom that is remarkably lightweight and compact. Find out why photographers around the world are saying that no one can deliver outstanding imaging performance in lightweight, compact lenses like Tamron.

Accessory: flower-shaped hood
Filter diameter: ø67mm / MFD: 0.33m (throughout the range) / Overall length: 92mm* / Maximum diameter: ø73mm / Weight: 510g*
* Values given are for Nikon cameras.

Categories of Tamron's 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 AF28-35mm F/2.8-4 Di (Model A05)  
AF70-300mm F/4-5.6 Di Macro 1:2 (Model A17)  
AF28-200mm F/3.8-5.6 Di (Model A06)  
AF28-300mm F/3.5-6.3 XR Di (Model A08)  
AF70-300mm F/4-5.6 Di Macro 1:2 (Model A27D)  
AF28-300mm F/3.5-6.3 XR Di VC (Model A20)

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

Di II Lens Series
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 is not designed for 35mm film cameras and digital SLR cameras with image sensors larger than 24 x 16mm.

SP AF11-18mm F/4.5-5.6 Di II (Model A13)  
AF18-200mm F/3.5-6.3 XR Di II (Model A14)  
AF17-50mm F/2.8 XR Di II (Model A16)  
AF18-250mm F/3.5-6.3 Di II (Model A18)  
AF55-200mm F/4-5.6 Di II (Model A19)

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

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