

**TAMRON®**

**NEW**

# SP AF 17-35mm

**F/2.8-4 Di LD ASPHERICAL (IF)**

Model A05: For Canon AF, Minolta AF-D, Nikon AF-D, and Pentax AF Cameras.

*Introducing a 17mm super wide-angle zoom  
for creative film and digital photography*



**Di** Digitally  
Integrated  
Designs  
**SP**  
SUPER  
PERFORMANCE

<http://www.tamron.com/>

E

## *Advent of an Ideal Ultra Wide-angle Zoom Lens Well-balanced in All Aspects*

With its superb image quality, compact size and excellent operational ease, this ultra wide-angle zoom lens lets you enjoy dynamic image composition by exaggerating your main subject against a wide background.



**17mm** f=17mm Exposure:F/4 Auto ISO100



17mm

f=17mm Exposure:F/4 Auto ISO100

20mm f=17mm Exposure:F/4 Auto ISO100



# Create Fascinating Wide-angle Images!

## ■ New Standard of Lenses for Digital Cameras



"Di" (Digitally Integrated Design) is a designation Tamron puts on lenses featuring optical systems designed to meet the performance characteristics of digital SLR cameras as well as film cameras.

Tamron's new ultra wide-angle zoom lens starts at 17mm when used with a conventional 35mm SLR camera. When mounted on an APS-size digital SLR camera, it provides a focal length coverage equivalent to a 28-55mm (on a 35mm format camera), covering the desirable wide-angle to standard range.

The focal length on film cameras

17mm 20mm 24mm 28mm 35mm

Equivalent angle of view when used with APS-C size digital SLRs

28mm 32mm 38mm 44mm 55mm

## ■ Minimum Object Distance 30cm (11.8") throughout the Range

With its Maximum Magnification Ratio of 1:5.4 at the 35mm setting, this ultra wide-angle zoom enables you to take a close-up of a large flower like the one below. The M.O.D. of only 30cm (11.8") throughout the zoom range lets you get close to the subject so that you can enjoy creative image composition by emphasizing and exaggerating your main subject against a wide background.



35mm f=35mm Exposure:F/5.6 Auto ISO100  
M.O.D. 30cm (11.8") <Max. Mag.Ratio: 1:5.4>

## ■ Fast Maximum Aperture of F/2.8 at the Wide-angle End

Tamron's 17-35mm Di features a maximum open aperture of F/2.8 at the 17mm setting, providing you with the advantage of shooting in dimly-lit conditions and helping to prevent camera-shake that leads to blurred subjects. The fast F/2.8 aperture also contributes to a professional look with a beautiful blurred effect in the background; even at wide-angle where depth-of-field is commonly deeper.



17mm f=17mm Open Aperture Auto ISO100



SP Super Performance-high performance featuring high design specifications

# SP AF 17-35mm F/2.8-4 Di LD ASPHERICAL (IF)

Model A05: For Canon AF, Minolta AF-D, Nikon AF-D, and Pentax AF Cameras.

\*The angle of view at the wide-angle end is equivalent to 28mm when used with APS-size digital SLRs.

**NEW**

# SP AF17-35mm F/2.8-4 Di LD ASPHERICAL (IF)

## A High Point in Tamron Zoom Technology

### Hybrid Aspherical Lens Technology Means High Image Quality & Compactness

An aspherical lens is an element that is quite effective in compensating for spherical aberration and image distortion. Tamron's 17-35mm Di uses three aspherical elements, effectively minimizing various aberrations. By using hybrid aspherical lens elements, the number of elements in this lens is reduced since even one aspherical element can compensate for the same aberrations as it would take several spherical elements to do. The end result is both high image quality and compactness in this new ultra wide-angle zoom lens.

#### Compensation for Spherical Aberration

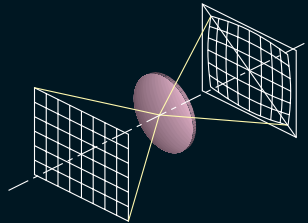
Spherical lens element



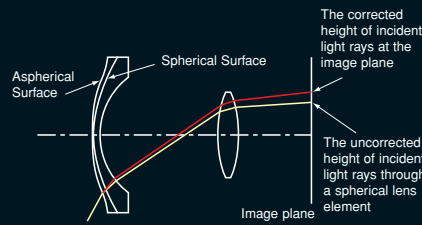
Aspherical lens element



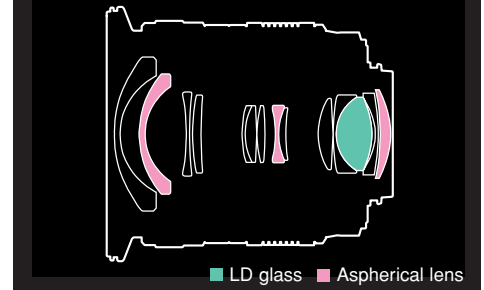
#### Distortion Correction (Barrel type)



Unbalanced height of oblique incident light rays causes distortion at the image plane. Tamron's aspherical lens design continuously varies the refracting angles of these unbalanced light rays.



#### Lens Construction (14elements/11groups)



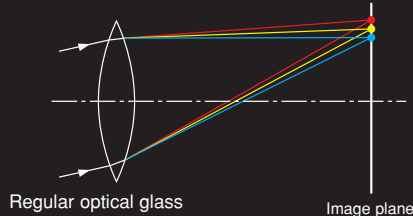
#### SPECIFICATIONS

Model Name:	A05
Focal Length:	17-35mm
Angle of View:	104°-63°
Maximum Aperture:	F/2.8 -4
Optical Construction:	14 elements /11 groups
Diaphragm:	7 blades
Minimum Object Distance:	0.3m (11.8") throughout the range
Max.Mag.Ratio:	1:5.4 (at f=35mm, M.O.D. 30cm)
Length:	86.5mm (3.4")*
Diameter:	ø 83.2mm (3.3")*
Filter Size:	ø 77mm
Weight:	440g*
Lens Hood:	Flower-shaped hood

\*Values given are for the Nikon AF.  
For Canon AF, Minolta AF, Nikon AF-D and Pentax AF Cameras.

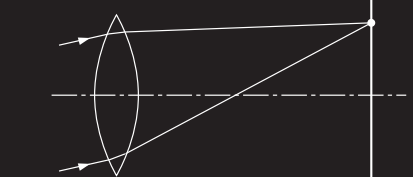
### Features an LD Element Made of Special Glass Materials for Superb Image Quality

#### Compensation effect with an LD element for lateral chromatic aberrations



Regular optical glass

Image plane

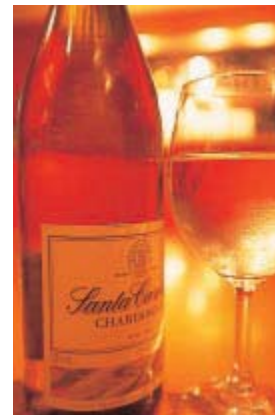


LD glass

Image plane

Chromatic aberration is likely to be reproduced in an image as color blur or color shift. Lateral chromatic aberration, which causes the so-called "color smearing" particularly noticeable in image corners, is likely to appear in wide-angle zoom lenses. However, Tamron's 17-35mm Di features an LD (Low Dispersion) lens, which is made of special glass materials that have low dispersion indices to confine dispersion of spectra, a cause of chromatic aberrations, to the absolute minimum, and provides sharp and clear images even at the corners.

Flower-shaped hood



**35mm**  
f=35mm Open Aperture  
Auto ISO100

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

# TAMRON®

Manufacturer of lenses of photographic, Industrial, laboratory, video, and scientific applications.

## TAMRON CO., LTD

17-11, 7-chome, Takinogawa, Kita-ku,  
Tokyo, Japan  
TEL 03-3916-0131 FAX 03-3916-1860  
Website <http://www.tamron.co.jp>



**ISO 9001 Certified**  
Tamron operates a quality management system that has been certified as conforming to ISO9001.

**ISO 14001 Certified**  
Tamron operates an environmental management system that has been certified as conforming to ISO14001.

