

SP AF11-18mm F/4.5-5.6 Di II LD Aspherical [IF] **new**

TAMRON[®]

[Equivalent to 17-28mm*]

*When converted to 35mm film format.



Ultra wide zoom from 17mm* perspective exclusively for digital cameras

*When converted to 35mm film format.

Di II Lens designed for exclusive use on digital SLR cameras with smaller-size imagers.

*This lens is not designed for use with 35mm film cameras and digital SLR cameras with image sensors larger than 24x16mm.

Model A13 For Canon AF, Konica Minolta AF-D, and Nikon AF-D

<http://www.tamron.com>

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11mm (Equivalent to 17mm) Exposure:F/8 Auto ISO400

Digitally dedicated ultra-wide zoom lens providing an ultra wide

Digitally Dedicated High-quality Ultra-wide Zoom Lens Inspires Your Creativity

Capturing a magnificent view in one frame or enjoying a dynamic picture composition with exaggerated perspective – creative techniques impossible with a standard zoom lens – will expand your creativity to an unprecedented degree. The lightweight, compact SP AF11-18mm F/4.5-5.6 Di-II is a lens exclusively for digital SLRs with smaller-size image sensors. With this lens, you can enjoy a 17-28mm-equivalent* ultra wide-angle photography with your digital camera.

*When converted to 35mm film format.

Combining the SP AF11-18mm Di-II with the AF18-200mm Di-II Empowers You to Cover a Remarkable 17-300mm Range*

Tamron's SP AF11-18mm Di-II is the ideal zoom lens to complement your standard zoom and provide ultra-wideangle coverage. When you combine this zoom lens with Tamron's high power AF18-200mm Di-II, also designed for exclusive use with digital SLR cameras, the pair covers a wide scope equivalent to 17-300mm*. With these two Di-II lenses, you won't miss any photographic opportunity from ultra wide to ultra telephoto and macro.

*When converted to 35mm film format.

Optimum Optical System for Digital SLR cameras, Di-II

● High Quality Digital Images

This lens is exclusively designed for digital SLR photography, and provides high quality digital photos with its outstanding resolution and contrast.

● Abundance of Special Glass Materials

The optical system uses one each of HID (High Index/High Dispersion glass) and LD (Low Dispersion) glass element to minimize on-axis and lateral chromatic aberrations. In addition, one high-precision, large clear aperture, glass-molded aspherical element and two hybrid aspherical elements are used to thoroughly compensate for spherical and chromatic aberrations and distortion.

● Countermeasures against Ghosting and Flare with New Technologies

Tamron has adopted various countermeasures against ghosting and flare, which are annoying factors in digital photography. "Internal Surface Coatings" and new multiple-layer coating technology on ordinary elements are employed to minimize reflections that occur when light enters through the front element and to reduce image degrading effects caused by the imagers themselves. *Multiple-layer coatings on cemented surfaces of plural elements.

● Peripheral Light Fall-off is Minimized

Peripheral light fall-off that is noticeable in digital images is minimized when compared to conventional lenses for film cameras. The images are uniformly bright from center to periphery.



18mm (Equivalent to 28mm) Exposure:F/8 Auto ISO100



11mm (Equivalent to 17mm) Exposure:F/16 Auto ISO100



18mm (Equivalent to 28mm) Exposure:F/8 Auto ISO400



new

17mm* perspective for digital photography

*When converted to 35mm film format.

SP-series Lenses Featuring High Design Specifications

Tamron's SP (Super Performance) series is a line of high performance lenses featuring high design specifications. In designing the SP series lenses, the first and foremost priority is put on superior specifications and outstanding performance free from cost restraints. Therefore, SP lenses featuring impressive and innovative designs are concept models among Tamron lenses.

Lightweight & Compact with a Minimum Focus Distance of 0.25m (9.8")

This ultra wide-angle zoom lens provides you with an angle of view as wide as 103° yet it is still lightweight and compact. Add this highly portable zoom lens to your equipment arsenal and enjoy the world of ultra wide-angle photography without the weight. In addition, the MFD (Minimum Focus Distance) is 0.25m (9.8") throughout the entire zoom range, so you can easily get close to your subjects for a dramatic perspective.

SP AF11-18mm F/4.5-5.6 Di II LD Aspherical [IF]

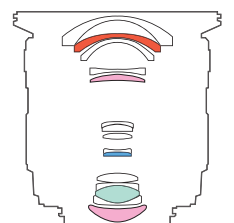
Model A13 Specifications

Model	A13
Focal Length	11-18mm
Maximum Aperture	F/4.5-5.6
Angle of View	(Diagonal) 103°29'-75°33' (Horizontal) 93°3'-65°36' (Vertical) 70°12'-46°21'
Lens Construction	15 elements in 12 groups
Minimum Focus Distance	0.25m (9.8") (The entire zoom range)
Max.Mag.Ratio	1:8 (at f=18mm, MFD:0.25m)
Overall Length	78.6mm (3.1")*
Maximum Diameter	ø83.2mm (3.3")
Filter Size	ø77mm
Weight	345g (12.2oz.)*
Diaphragm Blades	7
Minimum Aperture	F/22
Standard Accessory	Flower-shaped hood
Compatible Mount	Canon AF, Konica Minolta AF-D and Nikon AF-D

*Values given are for Nikon AF cameras.

Lens Construction

<15 elements in 12 groups>



■ Glass Molded Aspherical Lens
■ Hybrid Aspherical Lens ■ LD* glass
■ HID* glass

*HID (High Index High Dispersion) *LD (Low Dispersion)

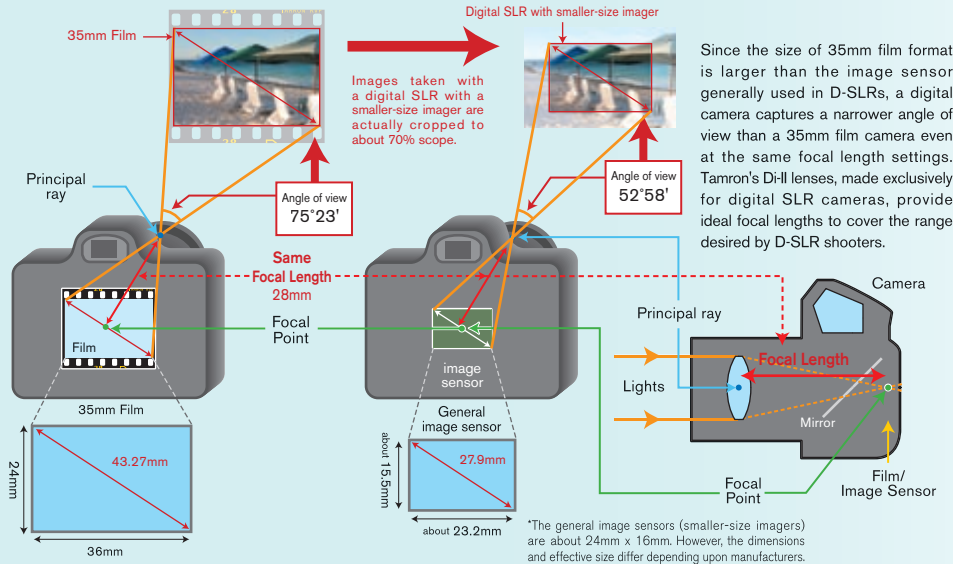
Di II

What does the designation "Di II" mean?

(Di II : designed for exclusive use on digital SLR cameras with smaller-size imagers)

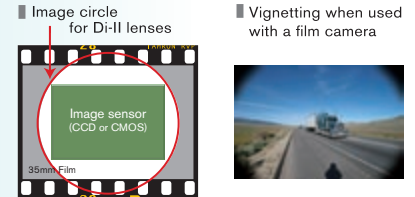
Designed to capture an ideal range when used with a digital SLR camera

Designed to fit smaller-size imagers in order to reduce its diameter



Attempts to design shorter focal lengths inevitably result in a larger lens diameter. Tamron has solved this problem by designing the size of the lens' image circle to match that of smaller-size image sensors. In the compact design, it is almost comparable to a lens offering the same angles of view in 35mm film format.

*When pictures are taken with a Di-II lens mounted on a 35mm film camera, image corners become dark (ie., vignetting becomes noticeable).



The combination of SP AF11-18mm and AF18-200mm covers an amazing range of 17-300mm*

*When converted to 35mm film format.

11mm

Equivalent to 17mm*



103°29' (Diagonal)
93°3' (Horizontal)

18mm

Equivalent to 28mm*



75°33' (Diagonal)
65°36' (Horizontal)

new

< **SP AF11-18mm Di II**
(Model A13)



AF18-200mm Di II (Model A14) >

18mm

Equivalent to 28mm*



75°33' (Diagonal)
65°36' (Horizontal)

50mm

Equivalent to 78mm*



31°11' (Diagonal)
26°7' (Horizontal)

200mm

Equivalent to 300mm*



7°59' (Diagonal)
6°38' (Horizontal)

Categories of Tamron's Di (Digitally Integrated design) lens series

Exclusively for digital

Designed for exclusive use on digital SLR cameras with smaller-size imagers. Di-II lenses are designed exclusively for digital SLRs with smaller-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.

Super Performance

SP Di II Lens



Wide-angle Zoom

SP AF11-18mm F/4.5-5.6 Di II LD Aspherical [IF] (Model A13)
Equivalent to 17-28mm

Di II Lens



High Power Zoom

AF18-200mm F/3.5-6.3 XR Di II LD Aspherical [IF] Macro (Model A14)
Equivalent to 28-300mm

NOTE : Vignetting occurs when pictures are taken with a Di-II lens mounted on a 35mm film camera or a digital SLR camera with an image sensor larger than 24 x 16mm.

For film & digital

Designed for use with both 35mm film and digital SLR cameras.

Di lenses are designed to fit the characteristics of digital cameras as well as film cameras by incorporating countermeasures against ghosting and flare through such advances as special coatings.

Super Performance

SP Di Lens

SP AF17-35mm Di (Model A05)
SP AF28-75mm Di (Model A09)
SP AF90mm Di (Model 272E)
SP AF180mm Di (Model B01)
SP AF200-500mm Di (Model A08)

Film & Digital

Di Lens



AF28-300mm F/3.5-6.3 XR Di LD Aspherical [IF] Macro (Model A061)

Film & Digital

*The angles of view obtained by a "Di" lens mounted on a digital camera with a smaller-size imager differ from those obtained by the same lens mounted on a 35mm film camera.

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

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



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.

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