

**AF18-250mm F/3.5-6.3  
Di II LD Aspherical [IF] Macro**

**For Digital**  
with smaller-size imagers

**TAMRON**  
New eyes for industry



new

**Experience the great power of 13.9x\*  
and enjoy an amazing 2 in 1 zoom**

*\*Equivalent to a 28-388mm lens in 35mm 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 A18 For Canon, Nikon, Pentax, and Sony

<http://www.tamron.com>

E



18mm (Equivalent to 28mm) Exposure: F/11 Auto ISO200 RAW



250mm (Equivalent to 388mm) Exposure: F/8 Auto ISO200 RAW



50mm (Equivalent to 78mm) Exposure: F/8 Auto ISO200 RAW



180mm (Equivalent to 279mm) Exposure: F/8 Auto ISO100 RAW



© Takehiko Nakafuji



250mm (Equivalent to 388mm) Exposure: F/8 Auto ISO100 RAW Macro Magnification Ratio: 1:3.5



100mm (Equivalent to 155mm) Exposure: F/8 Auto ISO100 RAW



18mm (Equivalent to 28mm) Exposure: F/11 Auto ISO100 RAW



## AF18-250mm F/3.5-6.3 Di II LD Aspherical [IF] Macro

## Get ultimate high-power zoom performance: 28-388mm zoom range\* for total satisfaction with just a single lens

\*Equivalent to approx. 28-388mm when converted to 35mm format.

### World's Most Powerful Zoom, at 13.9x

Tamron's new high-power zoom lens is a photographer's dream come true — it is the result of Tamron's continuing mission to develop the world's most unique "one-lens-does-it-all" zooms to satisfy our customers' desire. While conventional 35mm film cameras required two lenses to cover 28-388mm, Tamron's new zoom is 13.9X, the world's most powerful zoom delivering enormous photographic freedom in a single compact lens. The life of a digital photographer has never been better.

On digital cameras, one lens can now cover the 28-388mm zoom range. The days of carrying two lenses are gone.



18mm (Equivalent to 28mm)



250mm (Equivalent to 388mm)

Zoom 13.9x

### Optimum Optical System Enables Ultra High-Power Zoom

#### Not an XR. Yet compact

While achieving the ultra telephoto capabilities of a 388mm lens\*, this Tamron zoom features an extremely compact optical system. Unlike previous Tamron lenses, this lens optimizes the power distribution of the entire optical configuration without using XR glass, to achieve both ultra high-power magnification and compact size.

\*35mm format equivalent

#### High Quality Digital Images

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

#### Packed with Special Glass Materials

In addition to LD (Low Dispersion) glass that eliminates chromatic aberration and sharpens ultra-long shots, use of special glass materials such as Hybrid Aspherical Elements and Anomalous Dispersion (AD) glass achieve three goals in at once: increased magnification, compact size, and improved image quality.

### Great for macro photos, too. MFD = 0.45m (17.7")

Get amazing close-up shots with this digital SLR high-power zoom. The maximum magnification ratio of 1:3.5\* (at f=250mm, MFD 0.45m) lets you fill the frame with a subject approximately the same size as a business card. You can easily and conveniently enjoy close-up (macro) photography of flowers, insects and more.

### Counters 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.

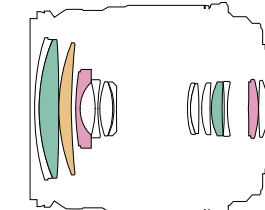
\*Multiple-layer coatings on cemented surfaces of plural elements.

#### Specifications

Model	A18
Focal Length	18-250mm
Maximum Aperture	F/3.5-6.3
Angle of View	Diagonal: 75°33'-6°23'
(Equivalent to APS-C size)	Horizontal: 65°36'-5°19'
	Vertical: 46°21'-3°19'
Lens Construction	16 elements 13 groups
Minimum Focus Distance	0.45m (17.7")
Max.Mag.Ratio	1:3.5 (at f=250mm, MFD:0.45m)
Overall Length	84.3mm (3.3")*
Maximum Diameter	ø74.4mm (2.9")
Filter Size	ø62mm
Weight	430g (15.2 oz.)*
Diaphragm Blades	7
Minimum Aperture	F/22
Standard Accessory	Flower-shaped hood
Compatible Mount	Canon, Nikon, Pentax, and Sony

#### Lens Construction

<16 elements 13 groups>



LD glass Hybrid Aspherical Lens AD glass

\*Values given are for Nikon cameras. The images in this leaflet are taken with prototype model. The cosmetic design and specs are subject to change without notice.

