

18-270mm F/3.5-6.3 Di II VC PZD for Canon, Nikon
18-270mm F/3.5-6.3 Di II PZD for Sony

(Model B008) Di (Digitally Integrated) II lenses exclusive for APS-C size digital SLRs, with flower-shaped lens hood.

TAMRON
New eyes for industry

Focal length: 18mm
(equivalent to 28mm)
Exposure: F/11
1/400 sec
ISO 320
WB: Auto Handheld

One lens.
Every moment.



60th Anniversary Model: World's lightest, most compact 15x zoom*.
Tamron's first piezoelectric autofocus motor PZD (Piezo Drive).
Built-in VC (Vibration Compensation).

*For SLR camera high-zoom-ratio lenses with 15x magnification capability. Current as of December 2010. (Source: Tamron).

Compatible mounts: Canon, Nikon, Sony

The Sony mount does not include the VC (Vibration Compensation) image stabilization functionality, as the body of Sony digital SLR cameras includes image stabilization functionality.
Di (Digitally Integrated) II lenses exclusive for APS-C size digital SLRs.

<http://www.tamron.com>





Focal length: 91mm (equivalent to 141mm)
 Exposure: F/9
 1/400 sec
 ISO640
 WB: Auto Handheld

**All that potential, and in the palm of your hand.
 The world's lightest, smallest*¹ that packs a 15x zoom punch.**

In addition to being the most compact and lightest lens in the world*¹ with 15x magnification, the Tamron 18-270mm high-power zoom lens boasts the PZD (Piezo Drive) internal autofocus drive, Tamron's first standing wave ultrasonic motor system. Angle performance is virtually guaranteed with an unshakable new*² VC (Vibration Compensation). All that and with a $\phi 62\text{mm}$ filter diameter and weighing in at 450g*³, this lens is the culmination of uncompromising research and development to make a lightweight, compact, all-in-one super zoom lens. The trailblazing PZD (Piezo Drive) delivers smooth, quick autofocus. Combined with VC (Vibration Compensation), this is a winning partnership delivering clear, stable shots even in low light or at the telephoto end. The overall lens size is reduced, easing your ability to capture clean, clear images of high resolution.

The result: express yourself without limits. Whether you're toting it to a casual picnic or an off-road mountain biking expedition, we've engineered a high-powered zoom lens that's not only versatile but also light and compact. The new 18-270mm F/3.5-6.3 Di II VC PZD (Model B008).

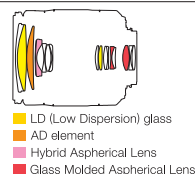
* 1 For SLR camera high-zoom-ratio lenses with 15x magnification capability. Current as of December 2010. (Source: Tamron).
 * 2 The basic structure of the VC (Vibration Compensation) mechanism has not been changed and maintains the renowned performance of Tamron lenses.
 * 3 Weight values given are for the Nikon mount.

**18-270mm F/3.5-6.3 Di II VC PZD for Canon, Nikon
 18-270mm F/3.5-6.3 Di II PZD for Sony**

(Model B008) Di (Digitally Integrated) II lenses exclusive for APS-C size digital SLRs, with flower-shaped lens hood.



Model	B008	Length	88mm* ¹ (3.5 in)
Focal Length	18-270mm	Entire Length	96.4mm* ² (3.8 in)
Maximum Aperture	F/3.5 - 6.3	Diameter	$\phi 74.4\text{mm}$ (2.9 in)
Angle of View (diagonal)	75°33' ~ 5°55'	Weight	450g* ¹ (15.9 oz)
Lens Construction	16 elements in 13 groups	Diaphragm Blade Number	7
Minimum Focus Distance	0.49m (19.3in)	Minimum Aperture	F/22-40
Max. Magnification Ratio	1:3.8	Standard Accessories	Flower-shaped lens hood
Filter Size	$\phi 62\text{mm}$	Compatible Mounts	Canon, Nikon, Sony* ³



*¹ Length, entire length, and weight values given are for the Nikon mount. Specifications, appearance, functionality, etc., may be changed without prior notice.
 *² Length is the distance between the mount face and the tip of the lens. Entire length is the distance between the tip of the lens and the tip of the protrusion.
 *³ The Sony mount does not include the VC image stabilization functionality, as the body of Sony digital SLR cameras includes image stabilization functionality.



Focal length: 18mm (equivalent to 260mm) Exposure: F/5.6 1/2000 sec ISO640 WB: Auto Handheld

Focal length: 39mm (equivalent to 60mm) Exposure: F/5.6 1/3200 sec ISO500 WB: Auto Handheld



Focal length: 50mm (equivalent to 78mm) Exposure: F/7.1 1/200 sec ISO100 WB: Auto Handheld

From wide to telephoto, this 15x high-power zoom lens covers a vast focal range, and it does it in a light, compact package. At the telephoto end, the 18-270mm is ideal for sports shots or when using distance to capture wildlife in habitat or natural expressions on subjects who normally be overly conscious of the camera. Whether on vacation or in your own back yard, the wide end gives you the tools to shoot expansive landscapes. Every angle for photographic expression and all in a lens that delivers sharp, clear photos.



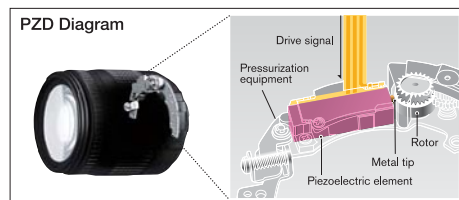
18mm (Equivalent to 28mm)



270mm (Equivalent to 419mm)

Super-smooth and accurate, with a first for Tamron – PZD (Piezo Drive)

The new PZD (Piezo Drive) piezoelectric drive makes another Tamron first in its autofocus SLR lenses, an internal standing wave ultrasonic internal motor system. Innovations to reduce parts and simplify operation also contributed to the lens's reduced size and weight. Lighter and smaller than other autofocus drives, the piezoelectric drive uses a standing wave, instead of the traditional traveling wave, to turn and extend the piezoelectric element. Thus the entire element moves in a standing wave pattern, moving the metal tip (the contact surface) in an elliptical motion. The friction of this movement moves the rotor for a smooth, precise autofocus.



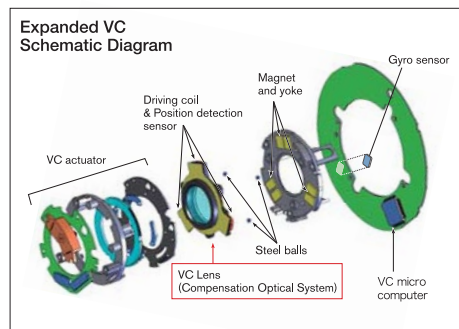
An all new VC (Vibration Compensation). Low light and telephoto was never this.

Tamron's celebrated VC (Vibration Compensation) just got even better. It still offers great handheld and telephoto shots. It still delivers the renowned VC (Vibration Compensation) stable viewfinder image, and excellent traceability. It's still based on a moving three-coil mechanism that activates the lens group electromagnetically through three small balls. But technology must evolve. Previously, the heavy magnet was positioned near the lens element and worked very well in this placement. In the new VC (Vibration Compensation) mechanism, we've reversed the positioning of the magnet and connected the lens to the coils. This innovative new position thus achieves less load on the drive and combined with lighter coils, contributes to a lighter, more efficient lens.

*VC is an abbreviation for Vibration Compensation, and is also available in the 18-270mm (B003), 28-300mm (A20), 17-50mm (B005) and the 70-300mm (A005) models.



Focal length: 18mm Exposure: F/4 1/10 sec With VC, the photographer can shoot at a shutter speed up to four stops slower.





Focal length: 18mm (equivalent to 28mm) Exposure: F/22 1/250 sec ISO500 WB: Auto Handheld

Absolute photographic freedom

Minimum focus distance of 0.49m (19.3 in) over the zoom range, with macro capability to 1:3.8.

Designed exclusively for APS-C sized digital SLR cameras, this all-in-one zoom covers every angle. Its minimum focal distance of 0.49m (19.3in.) through the entire zoom range and macro capability to 1:3.8 allows you to enjoy serious, high-quality macro photography with unaccustomed convenience. 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 built-in VC (Vibration Compensation), it still delivers a close minimum focus across the entire zoom range. From macro to telephoto, this is a lens worthy of your creativity. Light, compact, smooth, and accurate at every angle.

*APS-C size image sensors are smaller than the 35mm film format. This lens can produce full-screen images of almost the same scale (approx. 8cm x approx. 5.5cm) as those taken with a 35mm film format camera with a lens of maximum zoom ratio of 1:2.5.

Cleaner, crisper images without flare or ghosting.

The new BBAR (Broad-Band Anti-Reflection) coatings reduce the lens reflection and dispersion that cause ghosting and flare. The coatings enhance light transmission in both the short and long wavelength ranges, ensuring excellent performance in all photographic conditions. Additionally, internal surface coatings are applied to cemented surfaces of all lens elements to deliver sharp, high-contrast images and flawless colour reproduction.

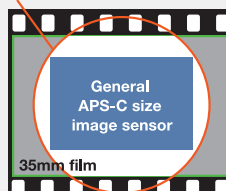
Different Angles of View	Diagonal 75° 33'	Horizontal 65° 36'	Equivalent 28mm	Diagonal 31° 11'	Horizontal 26° 7'	Equivalent 78mm	Diagonal 15° 53'	Horizontal 13° 14'	Equivalent 155mm	Diagonal 7° 59'	Horizontal 6° 38'	Equivalent 310mm	Diagonal 5° 55'	Horizontal 4° 55'	Equivalent 419mm

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 designed optimised 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 attracted 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.

Image circle of lens exclusively for APS-C size sensors on digital cameras.



The image circle of an APS-C size sensor is not able to cover the entire area of 35mm film.



For this reason, when a lens exclusively for digital APS-C size sensors is used on a 35mm format camera, vignetting may occur, as demonstrated in the photograph above (photograph is an image).

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

B08-EG-111-M-1012-0140

TAMRON®

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



November 2010 marks Tamron's 60th anniversary.

TAMRON CO., LTD.
1385, Hasunuma, Minuma-ku, Saitama-shi, Saitama 337-8556 JAPAN
Tel. +81(48) 684-9339 Fax. +81(48) 684-9349
Website <http://www.tamron.co.jp/en>



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.

