

# TAMRON

LENS CATALOGUE 2018

# TAMRON

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# TAMRON PHOTO LENSES UNCOVER YOUR CREATIVITY

With Tamron's unique lens portfolio, photographers can use their camera's entire potential. Advanced imaging technology and modern optical systems guarantee unbelievable imaging performance. Fast autofocus, precise VC image stabilisation and high-quality lens coatings open up new ways to express yourself. For more than 60 years, Tamron lenses have been the "creative eyes" of photographers at every level of experience.

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# EXPAND YOUR PHOTOGRAPHIC HORIZONS



### Camera compatibility

The designation Di (Digitally Integrated) refers to a lens developed specially for the exacting requirements of digital cameras. Please ensure when purchasing that the lens has the correct mount for your camera system.

- Di** For all DSLR cameras with full-format and APS-C sensors
- Di II** For DSLR cameras with APS-C sensors
- Di III** For mirrorless system cameras

Some models cannot be used with all mounts. You can find an overview on pages 52 to 55. Di lenses with built-in motors for Nikon and Di II lenses have no aperture ring.

### Super Performance – for discerning photographers

**SP** Tamron's SP Series (Super Performance) meets the highest standards in photography. The lenses are built to precise specifications to meet the demands of professional photographers, with emphasis on the highest possible build quality. Tamron doesn't compromise in quality or cost - we shoot for superior performance in every respect. The result is a range of lenses marked by impressive, innovative product design. Those looking for stellar performance need look no further than Tamron's SP lenses.

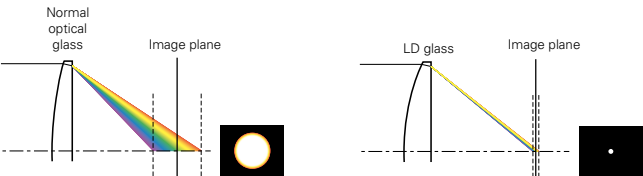


**Legend - Lens construction** (see lens designs in this brochure)

- Hybrid-aspherical lens
- LD element
- XLD element
- AD element
- XR element
- UXR element
- Aspherical ultra-precision pressed glass

### LD lens elements (Low Dispersion)

**LD** LD elements reduce chromatic aberrations such as colour fringes on the contrast edges and reduced image sharpness. The cause of these optical image faults is light of different wavelengths being broken at different points. Telephoto and wide-angle focal lengths are most affected by this. LD glass has a low colour dispersion index, which causes sharper imaging. The lens elements effectively minimise unwanted colour fringes.



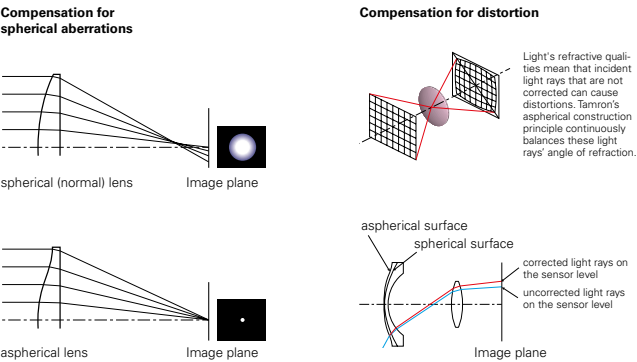
Schematic diagram of the chromatic aberration with a normal optical glass (left) and an LD glass (right)

### XLD (eXtra Low Dispersion) glass

**XLD** XLD elements are made from high-performance optical glass with an extremely low colour dispersion index. Its refractive properties are similar to those in high-grade fluorite. This effectively prevents problematic chromatic aberrations. This means maximum image sharpness will be achieved, even at the edges of the photo.

### Hybrid aspherical elements for spectacular build quality and a compact design

**ASL** Tamron lenses with the designation "aspherical" contain several aspherical hybrid lens elements. These are designed to all but completely remove imaging faults such as spherical aberrations in Tamron high-performance zoom lenses. A hybrid aspherical element can replace several other optical elements, contributing to a compact form factor and equally high build quality with all focal lengths and apertures. These innovative optics produce the best possible image quality in a compact form, all while retaining astonishingly large zoom ranges.



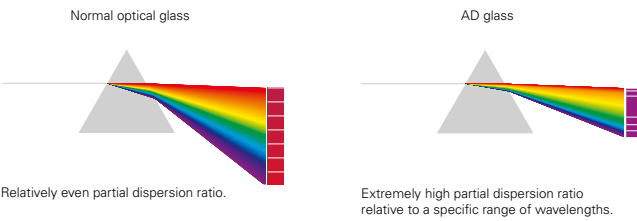
Compensation effect in a lens with an aspherical element (schematic diagram).

### XR and UXR special glass for higher performance and more compact lens construction

**XR** **UXR** XR (eXtra Refractive Index) and UXR elements (Ultra eXtra Refractive Index) are optical glasses with a very high refractive index. Their properties allow a shorter overall length and therefore lighter lenses with smaller diameters, without changing the aperture size.

### AD elements (Anomalous Dispersion)

**AD** Optical lenses with an abnormal level of dispersion make a significant contribution to reducing colour fringes (chromatic aberrations) at high light frequencies and improve overall imaging performance. The combination of AD glass elements with difference lenses made from normal optical glass makes it possible to control light dispersion at specific wavelengths. Axial and lateral aberrations, which can be a particular problem when using telephoto lenses or wide-angle lenses, can be significantly reduced in this way.



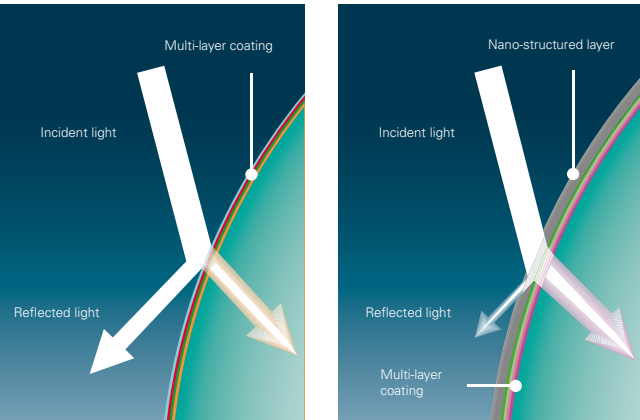
Comparison of the partial dispersion factors with a normal optical glass (left) and an AD glass (schematic diagram)

### BBAR - the key to first-class image quality

The innovative BBAR (Broad Band Anti-Reflection) multi-layer compensation from Tamron ensures that light that hits the surface of the lens is not reflected or dispersed. This means that loss of light and contrast are avoided and ghost images are prevented. BBAR multi-layer compensation also ensures the best possible colour balance, which results in natural and precise colour reproduction.

### eBAND Anti-Reflex Coating

**eBAND** The nano-compensation process developed by Tamron allows a wafer-thin coating (1nm = 1/1,000,000mm) to be applied to the surface of the lens. The nano-structure has an ultra-low refractive index and ensures excellent anti-reflex properties in combination with the multi-layer coating underneath. This effectively minimises undesired mirroring and ghost images.



Working mechanism of Tamron's eBAND coating (right) compared with a standard coating (schematic diagram).



Tamron's eBAND compensation effectively prevents mirror images that can occur in back lit photographs as a result of reflections on the lens surfaces inside the lens.

### Fluorine compensation

**FLR** Fluorine compensation was developed for optical systems in industrial production. It provides long-term protection to the front lens against oil and water. Any soiling won't stick to the surface - you will be able to wipe it away easily.





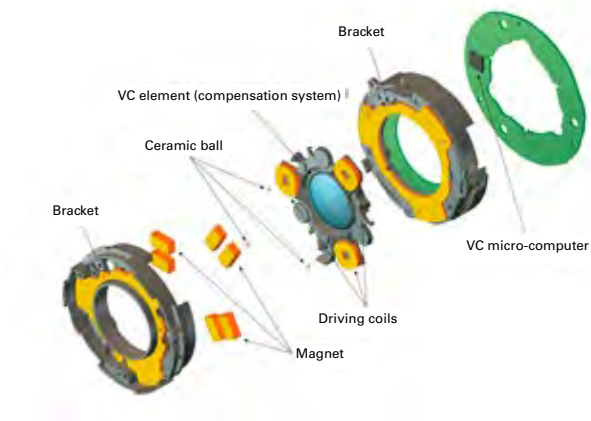


The VC image stabiliser suppresses camera movement. Both pictures were taken by hand under the same conditions.

Vibration Compensation - The ultimate in image stabilisation, by Tamron

**VC** The VC (vibration compensation) mechanism developed by Tamron balances unwanted movement in diagonal, horizontal and vertical directions. The optical image stabilisation is controlled by highly-sensitive gyro sensors. The VC lens group utilises low-friction ball bearings, making the construction simple, effective and robust. Thanks to the VC mechanism, the photographer gains up to 5 f-stops when shooting by hand and gets an extremely stable viewfinder picture. Even in difficult photographic situations, you can focus all of your attention on the creative process.

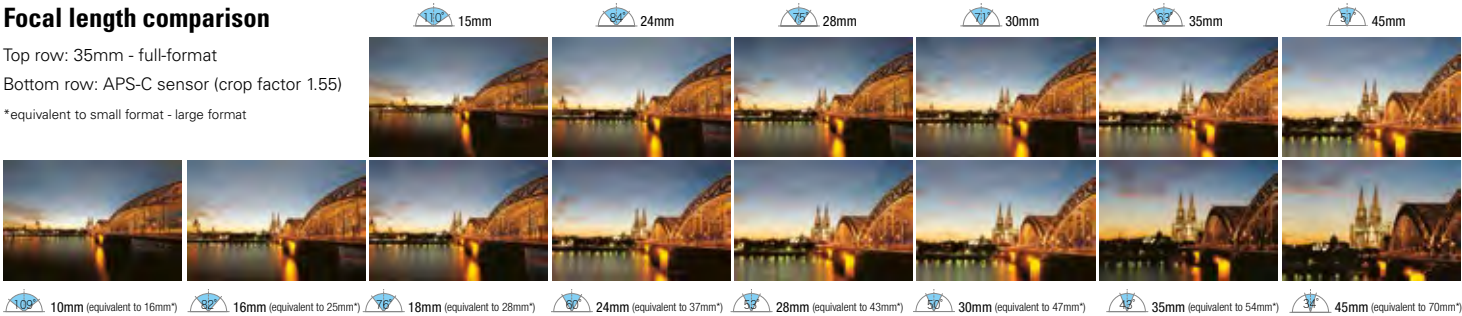
**SONY DSLR** For a Sony mount without a VC image stabiliser, because most Sony DSLR cameras already have an integrated image stabiliser.



Structure of the VC unit in model 70-210mm F/4 Di VC PZD

Focal length comparison

Top row: 35mm - full-format  
Bottom row: APS-C sensor (crop factor 1.55)  
\*equivalent to small format - large format



Internal focusing - Many practical advantages

**IF** Internal focusing has a range of advantages for photographers: The lens is simpler to use because the extension length does not change when focusing. The lens filter ring does not turn with the lens when focusing, which makes it easier to take photos with polarisation and graduated filters. The shortest focusing distance over the entire focus area is significantly lower. Also, loss of light at the edges of the image (vignetting) and focus-related image defects are minimised.

Zoom-lock mechanism

**ZL** The zoom-lock mechanism developed by Tamron stops the lens barrel extending by itself when it is not being used. The lens is protected against damage and can still be attached quickly.



Multiple-cam mechanism - a stable and reliable chassis for zoom lenses

To make our compact, high-performance zoom lenses, we had to develop a lens chassis that allowed the barrel to extend evenly and smoothly. The Multiple-Cam mechanism allows several precision curves to be worked into a cylindrical surface. The mechanism allows very compact measurements for wide-angle lenses and precise extension of telephoto lenses.

Integrated Focus-Cam - Optimum Internal Focusing

The Integrated Focus-Cam System from Tamron synchronises the internal focusing movements with the Multiple-Cam mechanism. It helps to coordinate the smooth and precise positioning of all of the internal components with the external elements for zoom and focusing.

Moisture-resistant and dust-proof construction

**MP+DR** The lens's moisture-resistant and dust-proof construction has been improved significantly. Special sealing elements on the switches and mechanical interfaces, e.g. between the focus ring and lens casing, prevents the ingress of dirt, dust and water splashes. This expands the opportunities open to the photographer and means the lens can perform even under harsh, adverse conditions.

Well-protected against splashing water

**MR** Special integrated seals protect your equipment in poor weather conditions. This is mainly visible in the seal on the fine rubber bead on the bayonet mount, but also elsewhere.

HLD – Tamron’s highly precise AF motor

**HLD** The autofocus drive system uses Tamron’s exclusive HLD motor (High/Low Torque Modulated Drive). This energy-saving motor generates outstanding drive torque to allow precise and quiet focusing. Because of its small size and arc shape, the HLD motor takes up little space, so lenses can be designed to be even more compact.

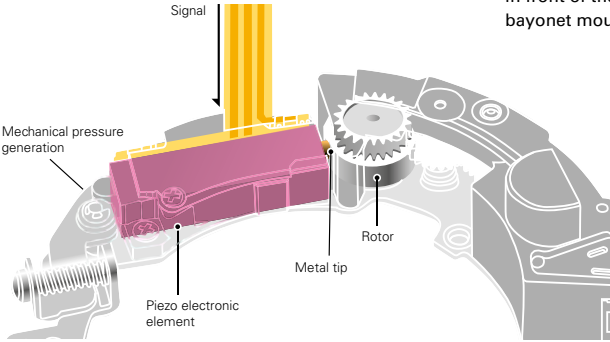


Piezo drive - faster and more compact AF motor

**PZD** Tamron’s Piezo Drive (PZD) ultrasonic auto-focus motor lets us build an ultra-compact, high-performance lens. The abbreviation PZD can usually be found in the handy and simple Megazoom lenses, which cover an extraordinarily wide range of focal lengths. The motors are smaller and also benefit from fast auto-focus, high precision and almost a complete lack of running noise.



The PZD ultrasonic motor is located in the rear of the lens, directly in front of the bayonet mount.



Ultrasonic Silent Drive – High-performance focusing

**USD** Ultrasonic Silent Drive (USD) auto-focus motors are used in SP lenses. These high-performance drives convert ultrasonic waves into torque, enabling highly precise, fast and almost silent focusing. The principle uses a rotor and does not require a transmission between the motor and the focus ring. This means the photographer can change the focus setting at any time without having to press a switch. This makes USD lenses well suited for fast-moving and dynamic subjects, such as in nature and sports photography.



Dual-MPU unit (Dual Micro-Processing Unit) – highest speed and best VC performance

**DMPU** Selected Tamron lenses\* are equipped with a Dual MPU Unit (Micro-Processing Unit). Two separate processor units allow digital signals from the VC image stabiliser and USD autofocus to be processed at maximum speed. This means, for example, that errors from the camera and AF motor can be interpreted and corrected at lightning speed.

\* SP 15-30mm F/2.8 Di VC USD G2, SP 24-70mm F/2.8 Di VC USD G2, SP 70-200mm F/2.8 Di VC USD G2, SP 150-600mm F/5-6.3 Di VC USD G2, 100-400mm F/4.5-6.3 Di VC USD, 10-24mm F/3.5-4.5 Di II VC HLD and 70-210mm F/4 Di VC USD



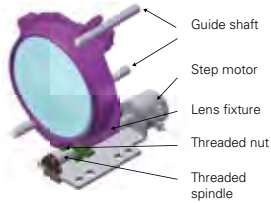
Optimised Silent Drive – extremely quiet autofocus

**OSD** The newly developed OSD module (Optimised Silent Drive) allows silent focusing. This makes the lens ideal for situations in which absolute silence is needed during photography. The autofocus also reacts very quickly and focuses precisely. This is noticeable, for example, when tracking a subject: the photographer will never miss the perfect moment when shooting fast-moving subjects.



Rapid eXtra-Silent Stepping Drive – extremely precise and quiet autofocus

**RXD** The AF system is based on a RXD stepping motor (Rapid eXtra-Silent Stepping Drive) with a drive element that precisely controls the angle of rotation. A sensor continuously determines the lens’s current focus setting, achieving quick and precise focusing that also allows videographers to keep moving objects in focus continually. All the while, the autofocus works so quietly that there is no interference in the video from focusing noise.







**Martin Krolop**  
Photographer,  
Cologne, Germany

## Dream lens for mirrorless full format

“I waited in great anticipation for this lens. Granted, the technical specifications of the 28-75mm F/2.8 Di III RXD aren't amazing at first glance – it's a fast, general-purpose standard zoom lens. However, it's the first Tamron lens for mirrorless full-format cameras, which makes it interesting for all Sony Alpha photographers – especially thanks to the very attractive price.

So I was very excited to see how the lens performed in practice. Because it's a typical universal zoom for exacting photographers, I tested it for some travel journalism photography. I quickly learned: the 28-75mm F/2.8 Di III RXD is astoundingly good. A really great lens!

What struck us was that the 28-75mm is still amazingly compact and light despite its F/2.8 aperture. The results on a 42 megapixel sensor were nothing short of overwhelming. In terms of sharpness and aberrations, the lens operates on a level I never would have expected.

In short: The price combined with the optical quality and dimensions make the 28-75mm F/2.8 the perfect lens for a high-resolution full-format DSLM camera.”



28-75mm F/2.8  
Di III RXD



# 28-75mm F/2.8 Di III RXD

Find exciting new ways to express yourself! High sharpness and soft background blur make for true-to-life results.

**Compact and light – ideal for mirrorless camera systems**

The 28-75mm F/2.8 is incredibly light and easy to handle, with a weight of just 550g and a length of just 117.8mm. Its compact optical construction has been specially developed for high-resolution cameras without compromising with the aperture size.

**Creative bokeh and impressive night shots**

For a 28mm focal length, the minimum object distance is just 19cm, which allows for incredible close-up shots with an image ratio of 1:2.9 with a dynamic wide-angle perspective. At 75mm, the photographer can get up to 39cm away from the subject, which can create attractive background blur.

**Extremely precise and quiet autofocus**

The AF system works with an extra-quiet RXD stepping motor. A sensor continuously determines the lens's current focus setting, achieving quick and precise focusing that also allows videographers to keep moving objects in focus continually.

**Charming details and attractive bokeh effect**



The Tamron 28-75mm F/2.8 Di III RXD (model A036) is a fast standard zoom lens developed for mirrorless system cameras. It combines high image quality with attractive background blur (bokeh). Special glass elements, such as an XLD lens, prevent imaging errors and ensure a high resolution across the entire focal length range.

Di III

RXD

MR

XLD

LD

IF

FOR FULL FORMAT

SONY DSLM

Model A036

EISA AWARD

Best Product 2018-2019

MIRRORLESS STANDARD ZOOM LENS

Tamron 28-75mm F/2.8 Di III RXD

**Technical information**  
Elements/groups: 15/12  
Minimum object distance: 19cm  
Filter diameter: 67mm  
Length: 117.8mm  
Weight: 550 g



28-75mm · Focal length: 75mm · Exposure: F/2.8 at 1/640 sec. · ISO 100



28-75mm · Focal length: 75mm · Exposure: F/2.8 at 1/500 sec. · ISO 200



# 17-35mm F/2.8-4 Di OSD

The most compact and lightest\* ultra-wide-angle zoom in its class.  
Experience the best balance between image quality and convenience.

**Advanced coating for high picture quality**

Strong backlight often leads to unwanted reflections in wide-angle lenses. In the 17-35mm, scattered light and ghost images are effectively prevented by a sophisticated BBAR coating.

**OSD autofocus – quick, precise and noiseless**

Thanks to the new OSD technology (Optimised Silent Drive), the autofocus is extra quiet. The precision and speed of focusing, even when tracking with AF, has also been significantly improved.

**Circular aperture for soft bokeh**

The seven aperture blades are configured so that the aperture keeps its circular shape for up to two stops. Bright points of light in the background are shown as beautifully soft circles.

**High-resolution, detail-rich close-up shots**



With the total length of 90mm and a weight of 460g, the 17-35mm F/2.8-4 Di OSD is the smallest and lightest lens in its class.\* The optical construction includes 15 elements in 10 groups, including four LD and two GM elements, which help largely correct distortion and other optical aberrations. The lens casing is sealed against the weather and the front lens is additionally protected with a fluorine coating.

Di

OSD

FLR

MR

LD

CANON DSLR

NIKON DSLR

Model A037



**Technical information:**  
Elements/groups: 15/10  
Minimum object distance: 28cm  
Filter diameter: 77mm  
Length: 92.5mm  
Weight: 460 g



17-35mm - Focal length: 23mm - Exposure: F/4 at 8.0 sec. - ISO 100



17-35mm - Focal length: 17mm - Exposure: F/16 at 1/125 sec. - ISO 100





**Bastian Werner**  
Weather and landscape  
photographer from  
Mühlthal, Germany

## Captivating natural phenomena

“A hundred million volts, three hundred thousand amps – thunder, storms and tornadoes have fascinated me since I was a child. Even then, I was heavily into meteorology and wanted to understand the physical causes behind weather phenomena. I started actively looking at spectacular weather phenomena early so that I could photograph them. Today, I travel more than 40,000 kilometres every year on the hunt for supercells and storm fronts.

When I find a photogenic landscape, I immediately think about what weather phenomena I'd like to photograph here. Then, I look at the weather forecast charts to find out when the landscape will be misty or when there might be a breathtaking sunset. Only when the weather conditions are right do I jump in my car and start taking photos.

Many of my most spectacular shots were taken with the SP 15-30mm F/2.8 Di VC USD G2. This ultra-wide-angle zoom lens is ideal for weather photography with its maximum angle of view of 110 degrees. That lets me capture a large part of the sky and the landscape at the same time. The resolution is impressive. The enormous richness of detail in the pictures still amazes me even today.



SP 15-30mm F/2.8  
Di VC USD G2



# SP 15-30mm F/2.8 Di VC USD G2

Fast, next-generation ultra-wide-angle zoom lens. Extraordinary picture quality for professional demands.

**Outstanding imaging performance**

Even at the initial focal length of 15mm, the lens achieves excellent imaging performance right to the edges of the picture. Special optical glass and advanced compensation effectively minimise the typical aberrations seen with wide-angle lenses.

**Revolutionary compensation technology**

The new AX compensation is designed to overcome the challenges posed by lenses that strongly curve outwards. Additional eBand and BBAR coatings help achieve consistently high imaging performance across the entire image.

**Quick and precise USD autofocus**

The quick and precise USD autofocus relies on a powerful dual MPU and an improved AF algorithm. The focus drive has high torque, a short reaction time and operates quietly.

**Impressive sharpness and pin-sharp detail**



The second generation (“G2”) of Tamron’s ultra-wide-angle zoom lens offers outstanding image quality. The use of XGM and LD lens elements almost completely suppresses the image aberrations like distortion and lateral chromatic aberrations that are often seen with wide-angle lenses. The AX coating, newly developed by Tamron, sets new standards in reducing ghost images and blind spots.

Di SP VC USD eBAND FLR MR LD DMPU

CANON DSLR NIKON DSLR Model A041



**Technical information:**  
Elements/groups: 18/13  
Minimum object distance: 28cm  
Filter diameter: N/A  
Length: 145mm  
Weight: 1110 g





# 100-400mm F/4.5-6.3 Di VC USD

Extremely light and compact, perfect for travel and on the road photography. Equipped with highly-sensitive AF and a dual-MPU unit.

**Excellent AF performance meets an improved VC image stabiliser**

Precise AF tracking and VC (Vibration Compensation) are essential for ultra-telephoto lenses. Tamron's dual-MPU helps achieve this. Two separate MPU processor

units (Micro Processing Units) allow digital signals from the VC image stabiliser and USD autofocus to be processed at maximum speed.


In addition, the improved VC unit in combination with the optimised AF tracking helps achieve sharp pictures even

in poor light conditions or with fast-moving subjects.


Thanks to its intelligent design, the 100-400mm is the lightest lens in its class\* and is therefore ideal for hand-held shots.

\* Among 100-400mm interchangeable lenses for DSLR cameras (as of October 2017; Tamron)


**optional**



Compatible with Tamron teleconverters, both 1.4x and 2.0x



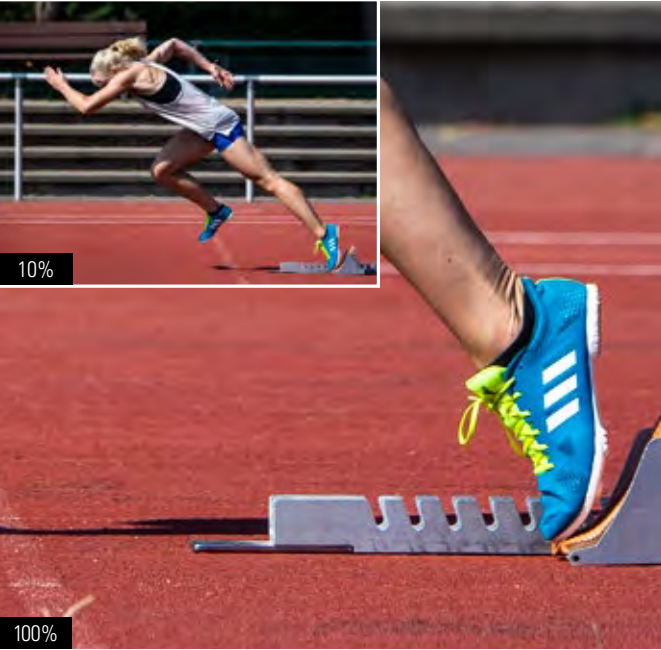
Photographers can use the TAP-in Console to configure Tamron lenses for their own needs.



The tripod mount ring is ARCA-SWISS compatible and can be removed when required.



**Crystal-clear pictures: 100-400mm F/4.5-6.3 Di VC USD**



The Tamron 100-400mm F/4.5-6.3 Di VC USD is an extremely light, compact ultra-telephoto lens with high AF precision and is therefore perfect for animal and sports photos. Thanks to high-quality LD glass (Low Dispersion), the aberrations typical for many telephoto lenses are a thing of the past. The eBAND (Extended Bandwidth and Angular Dependency) coating developed by Tamron prevents reflections and delivers vibrant photos with astounding clarity.

Di

VC

USD

eBAND

FLR

MR

LD

ZL

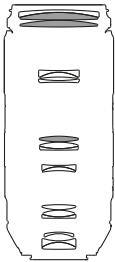
IF

DMPU

CANON DSLR

NIKON DSLR

Model A035



**Technical information:**  
Elements/groups: 17/11  
Minimum object distance: 150cm  
Filter diameter: 67mm  
Length: 196.5mm  
Weight: 1115 g





# 70-210mm F/4 Di VC USD

Outstanding imaging performance over the entire range of focal lengths and, with an image ratio of 1:3.1, the best magnification in this lens class\*

**Powerful telephoto with steady speed of F/4 and high imaging performance**

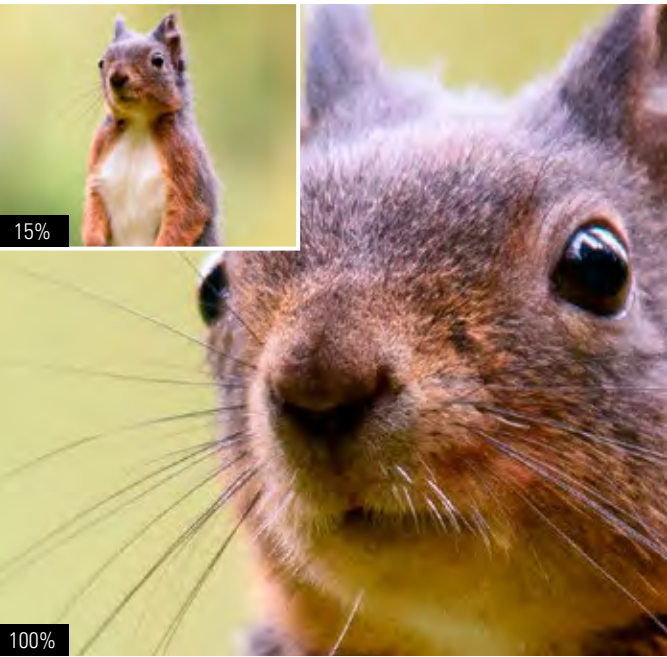
The optical construction consists of 20 elements in 14 groups, including 3 LD (Low Dispersion) elements to correct colour errors (chromatic aberrations). This gives crystal-clear picture results with very high sharpness, from the centre to the very edges.



**Best possible magnification factor in its class\* thanks to its short minimum object distance**

With a maximum image ratio of 1:3.1, the Tamron 70-210mm F/4 has the best magnification factor in its class.\* The very short minimum object distance of just 0.95m allows for

**Impressive imaging performance: 70-210mm F/4 Di VC USD**



With the development of the 70-210mm F/4 (model A034), Tamron has drawn on its long and wide-ranging expertise in the construction of telephoto lenses. The result is a compact telephoto with excellent imaging performance for shots with very high resolution and an excellent contrast ratio. The large F/4 aperture across the entire focal length range allows precise control of the depth of field and a beautiful bokeh effect.

Di

VC

USD

MR

FLR

LD

IF

DMPU

CANON DSLR

NIKON DSLR

Model A034

captivating close-up shots of flowers, insects or other small subjects.

**Splash-proof construction**

The casing is protected against splashing water by special seals.

**optional**



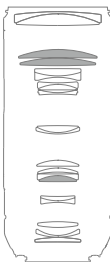
Compatible with Tamron teleconverters, both 1.4x and 2.0x



Photographers can use the TAP-in Console to configure Tamron lenses for their own needs.



The tripod mount ring is ARCA-SWISS compatible and can be removed when required.



**Technical information:**  
Elements/groups: 20/14  
Minimum object distance: 95cm  
Filter diameter: 67mm  
Length: 174mm  
Weight: 850 g



**Alexander Ahrenhold** Nature and animal photographer  
Eckernförde, Germany

## Compact and powerful

“As an animal photographer, I rely on powerful telephoto lenses. You usually can’t get very close to shy wild animals. With a longer focal length, I can still make the animal so large in the frame that the viewer feels like the subject is within arm’s reach. These photos, which I took with the 70-210mm F/4, are extraordinarily vivid, almost three-dimensional. I’m impressed by the sharpness and the great bokeh – you can pick out every hair against the soft, blurred background.

The weatherproof telephoto is almost my universal lens nowadays. It’s almost always on my camera during my forays into the countryside. Despite its low weight, it has all the features I expect from a professional-grade lens. The autofocus is quick and silent and the VC image stabiliser makes for tack-sharp pictures in low light and with telephoto shots. And if the 70-210mm isn’t enough to get as close as I want, I can just extend the focal length with a teleconverter. A telephoto lens couldn’t be any more versatile!”



# SP 24-70mm F/2.8 Di VC USD G2

Sophisticated design, outstanding performance and the best picture quality – experience joy without limits when you shoot with this standard zoom lens.

**Optimal speed and the best performance**

The SP 24-70mm G2 is equipped with a Dual MPU Unit (Dual Micro-Processing Unit). Two separate processor units process digital signals from the VC image stabiliser and USD autofocus at maximum speed.

**The best image stabilisation in its class\***


The VC system is now effective for up to 5 aperture stops, making it even better for hand-held shots and in poor light conditions.

\* Among 24-70mm F/2.8 interchangeable lenses for DSLR cameras (as of May 2017)  
\*\* According to the CIPA standard. Tested with Canon EOS-5D MK III and Nikon D810

**eBAND coating to fight scattered light and ghost images**

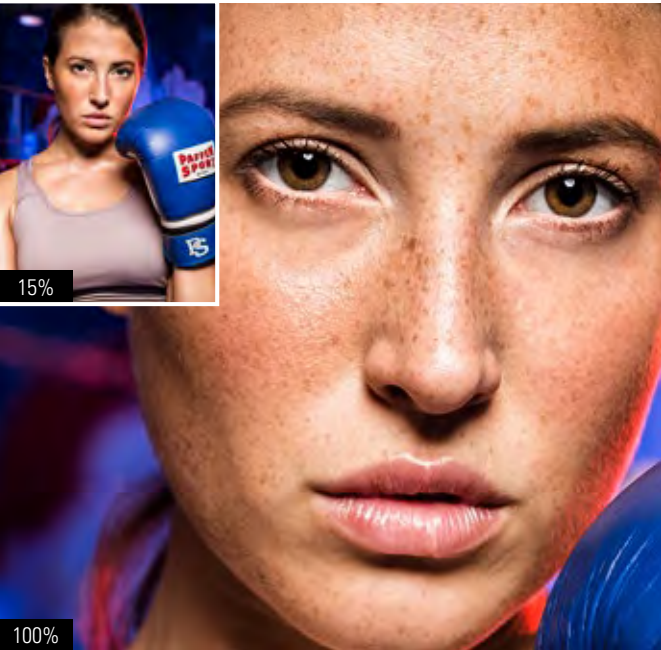
All lens elements have an enhanced eBAND coating. This technology combines the traditional multi-layer coating and a nano-coating with an extremely low refractive index.

**optional**



Photographers can use the TAP-in Console to configure Tamron lenses for their own needs.

**Maximum picture quality: SP 24-70mm F/2.8 Di VC USD G2**



**included**



The LOCK switch prevents the lens hood unintentionally slipping or falling off

The latest generation of our fast standard zoom with the most up-to-date features, built for professional requirements and the latest generation of high-resolution DSLR cameras. One lens for everything that brooks no compromise in its features or image quality.

Di

SP

VC

USD

eBAND

MR

FLR

LD

ZL

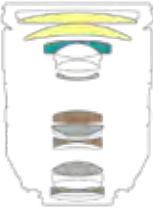
IF

DMPU

CANON DSLR

NIKON DSLR

Model A032



**Technical information:**  
Elements/groups: 17/12  
Minimum object distance: 38cm  
Filter diameter: 82mm  
Length: 108.5mm  
Weight: 900 g



SP 24-70mm G2 · Focal length: 56mm · Exposure: F/5 at 1/200 sec. · ISO 250



SP 24-70mm G2 · Focal length: 62mm · Exposure: F/5 at 1/125 sec. · ISO 250



# SP 70-200mm F/2.8 Di VC USD G2

The next generation of fast telephoto lenses, with faster autofocus and VC image stabilisation for the highest performance and best image quality.

**High resolution and attractive bokeh**

The SP 70-200mm F/2.8 G2 offers outstanding optical performance. XLD and LD lens elements prevent image aberrations. The large F/2.8 aperture makes for beautiful, butter-soft background blur (known as bokeh).

\* Among 70-200mm F/2.8 interchangeable lenses for full-format DSLR cameras. (As of January 2017. Source: Tamron)  
\*\* Setting: VC mode 3. Tested with Canon EOS-5D MK III and Nikon D810

**Fast auto-focus and VC image stabiliser**

The VC image stabilisation, the world's best in this class\*, allows up to 5 EV stops\*\* longer exposure times. The SP 70-200mm F/2.8 G2 has three types of VC mode for optimum performance in any situation.

**Large image ratio thanks to low MOD**

The minimum object distance of just 0.95 metres allows a maximum image ratio of 1:6.1. This allows photographers to take impressive close-up shots that would not have been possible before.



**Extreme sharpness: SP 70-200mm F/2.8 Di VC USD G2**



Maximum resolution in combination with wonderful, soft bokeh are the strengths of this new telephoto lens. Other cutting-edge features, such as the new VC image stabiliser and eBAND and fluorine coating, ensure maximum performance in every situation.

Di

SP

VC

USD

eBAND

MR

FLR

LD

ZL

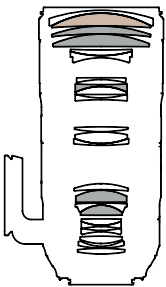
IF

DMPU

CANON DSLR

NIKON DSLR

Model A025



**Technical information:**  
Elements/groups: 23/17  
Minimum object distance: 95cm  
Filter diameter: 77mm  
Length: 191.3mm  
Weight: 1485 g

**optional**



Compatible with Tamron teleconverters, both 1.4x and 2.0x



Photographers can use the TAP-in Console to configure Tamron lenses for their own needs.

**included**



The tripod mount ring is ARCA-SWISS compatible and can be removed when required.



SP 70-200mm G2 · Focal length: 200mm · Exposure: F/2.8 at 1/2500 sec. · ISO 200



SP 70-200mm G2 · Focal length: 135mm  
Aperture F/3.5 at 1/1250 sec. · ISO 640



**Philip Ruopp** Advertising and sports photographer  
Laichlingen, Germany

## Maximum sharpness, captivating detail

“As an ad photographer working mostly with sports and action photography, a fast telephoto is part of my everyday equipment. The narrow angle of view increases the depth and concentrates the view on what’s important. I can also make the subject fill the frame, even if I have to photograph from some distance.

I first used the new SP 70-200mm F/2.8 Di VC USD G2 in Portugal, photographing surfers. The high-quality look and feel impressed me the moment I picked it up. This telephoto feels really good in your hand. It’s also protected against rain and dust, which was great during my session: I could just wipe away spraying salt water and sand later.

However, the most important arguments for the SP 70-200mm G2 are hiding inside the cylinder. The sharpness is incredible and makes photos look like they were taken with a prime lens. It captures every detail – perfect when working with high-resolution pro cameras. It also shows the advantages of image stabilisation. The autofocus is lightning-quick. The hit rate is extremely high, even though the surfer would often only shoot out from between waves at the last moment.



# SP 150-600mm F/5-6.3 Di VC USD G2

The new generation of Tamron’s ultra-telephoto lenses. This incredible lens will win you over with its astounding optical performance and slick features.

**Premium optical construction**

The optical structure has 21 elements in 13 groups, including three LD glass elements. The closest focusing distance is just 220cm. The housing protects against dust and splashing water.

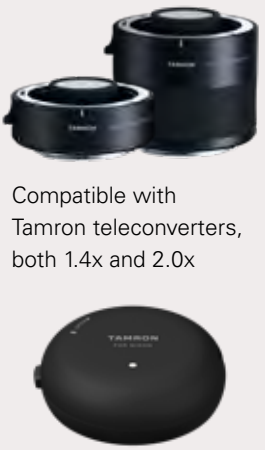
**Fast auto-focus and flexible VC image stabiliser**

Both the auto-focus performance and the VC image stabiliser have been improved in comparison with the first generation. The G2 version has three VC modes for different applications and allows up to 4.5 levels of longer shutter speed.


**Accessories for every occasion**

Two teleconverters with 1.4x and 2.0x focal length multiplication are available for the SP 150-600mm G2. These can be used to double the zoom area to 1200mm. The ultra-telephoto is also compatible with Tamron’s TAP-in Console.

**optional**



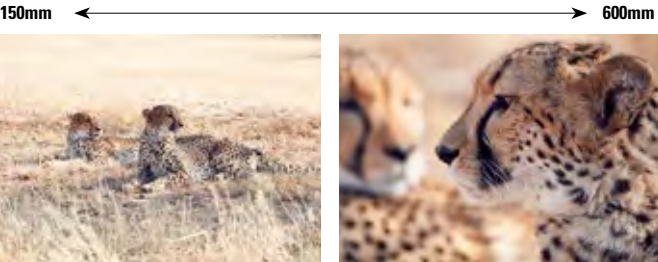
Compatible with Tamron teleconverters, both 1.4x and 2.0x



Photographers can use the TAP-in Console to configure Tamron lenses for their own needs.



**Focal length comparison: SP 150-600mm F/5-6.3 Di VC USD G2**



**exclusive**



The FLEX ZOOM LOCK lets you fix any zoom position quickly.

**included**

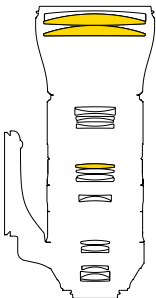


The tripod mount ring is ARCA-SWISS compatible and can be removed when required.

The ultra-telephoto lens means you are never too far away to get a great close-up of your subject. The second generation of the SP 150-600mm has a first-class optical build and the auto-focus and VC image stabiliser have been improved even further. The front lens has a fluorine coating and the entire housing is protected against splashing water and dust.

Di SP VC USD eBAND MR FLR LD ZL IF DMPU

CANON DSLR NIKON DSLR SONY DSLR Model A022



**Technical information:**  
Elements/groups: 21/13  
Minimum object distance: 220cm  
Filter diameter: 95mm  
Length: 260.2mm  
Weight: 1990 g



SP 150-600mm G2 · Focal length: 600mm · Exposure: F/8 at 1/1000 sec. · ISO 500



SP 150-600mm G2 · Focal length: 600mm  
Aperture F/6.3 at 1/1600 sec. · ISO 1600



**Thomas Kettner**  
Fashion and lifestyle  
photographer Hamburg,  
Germany

## The beauty and power of nature

“As a fashion and lifestyle photographer, from the beginning I’m been very excited about the versatile range of focal lengths the SP 150-600mm F/5-6.3 Di VC USD G2 offers. The zoom captures photos you don’t expect, that I couldn’t shoot with my other lenses. The enormous telephoto focal length doesn’t just bring far-away subjects into the picture in all their full-format glory, but increases the depth as well: The foreground and background look closer together – a fascinating effect that can be used creatively for lots of situations in photography.

Even with larger apertures, the pictures have an amazing sharpness and richness of detail. The new features of the VC image stabiliser mean I can take photos now in lots of situations without a tripod, and I don’t have to worry about any blurring from camera shake. If things get hectic, the new zoom lock function stops the focal length changing when I don’t want it to. The super-fast and precise auto-focus is just the icing on the cake - things like turbulence in the air don’t bother me at all any more. All of this makes the SP 150-600mm G2 ideal for capturing the wild animals’ powerful elegance in a photo.”





SP 35mm · Focal length: 35mm · Exposure: F/1.8 at 1/25 sec. · ISO 640



SP 45mm · Focal length: 45mm · Exposure: F/1.8 at 1/250 sec. · ISO 1250

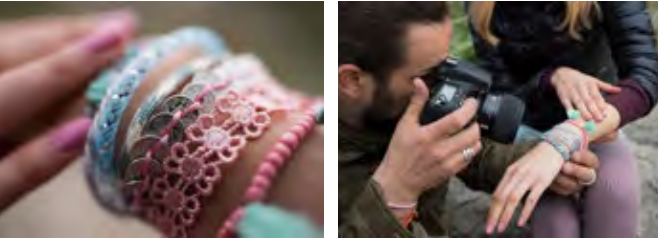
# SP 35mm F/1.8 Di VC USD

Ideal for demanding reportage and lifestyle photography - the wide-angle lens sets new technical standards.

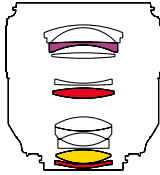
A large-aperture 35mm extremely high-quality prime lens, with built-in VC image stabilisation and USD ultrasonic motor. Thanks to the world's shortest\* minimum object distance in this lens class, at 20cm, you can take pictures that have the look of macro shots. The lens is properly protected against splashing water and the front lens can be cleaned easily thanks to fluorine compensation.



- Di SP VC USD eBAND MR FLR LD XLD IF
- CANON DSLR NIKON DSLR SONY DSLR Model F012



The SP 35mm offers the best image quality at a distance of only 20cm to the subject, and can therefore be characterised as a wide-angle macro lens.



**Technical information:**  
Elements/groups: 10/9  
Minimum object distance: 20cm  
Filter diameter: 67mm  
Length: 78.3mm  
Weight: 450 g

\* In comparison with currently available 35mm prime lenses for DSLR with full-format sensors, excluding macro lenses. As of July 2015, source: Tamron.

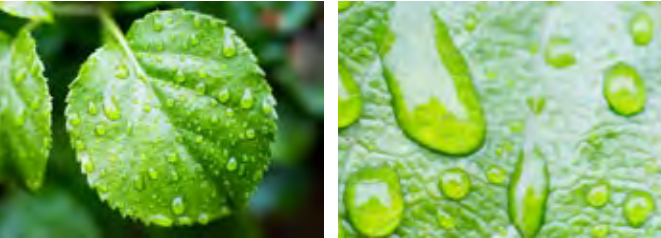
# SP 45mm F/1.8 Di VC USD

A versatile standard lens. Suitable for situations in which maximum image quality is important.

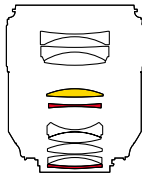
Advanced optical design and use of special glass elements , including aspherical lenses and LD elements, are what make this excellent lens stand out. It is the first\* standard prime lens for full-format DSLRs in the world to be equipped with an image stabiliser, and the first lens of its class\*\* with a minimum object distance of just 29cm. Like all models in the SP series, it also has exceptionally high build quality.



- Di SP VC USD eBAND MR FLR LD
- CANON DSLR NIKON DSLR SONY DSLR Model F013



An enormous resolution and fine detail reproduction are what make the SP 45mm stand out.



**Technical information:**  
Elements/groups: 10/8  
Minimum object distance: 29cm  
Filter diameter: 67mm  
Length: 89.2mm  
Weight: 520 g

\* As of July 2015, source: Tamron.  
\*\* In comparison with current 45mm and 50mm prime lenses for DSLR cameras with full-format sensors. As of July 2015, source: Tamron.





SP 85mm - Focal length: 85mm - Exposure: F/11 at 1/125 sec. - ISO 200



SP 90mm - Focal length: 90mm - Exposure: F/4.5 at 10 sec. - ISO 400

# SP 85mm F/1.8 Di VC USD



A top-class portrait lens. The perfect combination of high luminosity, a compact form factor and image stabilisation.

This large-aperture compact prime lens is ideally suited for demanding portrait shots with natural-looking proportions and colours. It is the first\* 85mm F/1.8 lens in the world with integrated image stabilisation. Its features include an excellent resolution and dreamy bokeh. An XLD and an LD glass element ensure consistently high imaging performance over the entire image area.

- Di

SP

VC

USD

eBAND

MR

FLR

LD

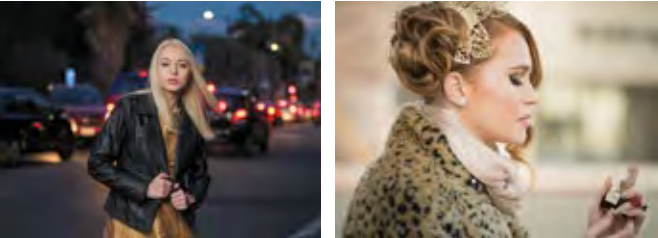
XLD

IF
- CANON DSLR

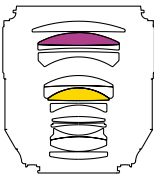
NIKON DSLR

SONY DSLR

Model F016



The SP 85mm's large aperture means an optimum balance between sharpness and bokeh, perfectly separating the portrait subject from the background.



**Technical information:**  
Elements/groups: 13/9  
Minimum object distance: 80cm  
Filter diameter: 67mm  
Length: 88.8mm  
Weight: 660 g



# SP 90mm F/2.8 Di MACRO 1:1 VC USD

The pioneer of a new generation of macro lenses with extremely high resolution and detail reproduction.

We have used the most advanced technologies to really make this superb SP prime lens stand out. It carries the heritage of Tamron's legendary series of 90mm macro lenses into the future. The VC image stabilisation is supported by XY-Shift compensation, which dramatically widens the range of applications. The housing is also protected against damp and dust, while the fluorine coating makes cleaning the lens a breeze.

- Di

SP

VC

USD

eBAND

MP+DR

FLR

LD

XLD

IF
- CANON DSLR

NIKON DSLR

SONY DSLR

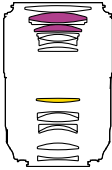
Model F017



Schematic diagram of XY-Shift VC



The SP 90mm has the best and most advanced features, as well as outstanding performance and imaging quality.



**Technical information:**  
Elements/groups: 14/ 11  
Minimum object distance: 30cm  
Filter diameter: 62mm  
Length: 114.6mm  
Weight: 600 g

\* In comparison with currently available 85mm F/1.8 prime lenses for DSLR with full-format sensors, excluding macro lenses. As of January 2016, source: Tamron.





**Philip Ruopp**  
Advertising and  
sports photographer  
Laichlingen, Germany

## The creativity of travel photography

"As a professional photographer, I usually work with fast zoom lenses and prime lenses in the SP series. On holiday in the USA, however, I wanted to go without the bigger equipment. Instead, I decided on an APS-C DSLR and an 18-400mm F/3.5-6.3 Di II VC HLD. I hadn't ever photographed with a travel zoom and I was excited to see if it would meet my high expectations.

The compactness of the 18-400mm struck me as soon as I picked it up. It felt wonderful in my hand and, together with the camera, makes for a well-balanced unit. Travelling with just one lens gives me more freedom. I'm more mobile, which in combination with the large zoom range is a great advantage on the road: it's very easy to find a creative perspective.

The image quality of the megazoom is impressive. The photos I took under difficult lighting conditions are proof of that. Even the night shots with relatively long exposure times are still sharp. With the image stabilisation, I was able to take sharp shots free hand even at 1/4 second. It's perfectly suited as a handy all-purpose lens, and not only because of its enormous range of focal lengths."



18-400mm  
F/3.5-6.3 Di II VC HLD



# 18-400mm F/3.5-6.3 Di II VC HLD

One moment, no limits. Discover new opportunities for your photos with the world's first\* 22.2x ultra-telephoto megazoom lens.

**World's first\* 22.2x ultra-telephoto megazoom**

The new Tamron 18-400mm is the world's first\* lens for APS-C DSLR cameras that covers focal lengths from 18mm to 400mm, achieving a zoom factor of 22.2x. This megazoom is therefore suitable as a universal lens, ideal for travelling and daily use.

**High-precision autofocus and compact construction**

The new, energy-saving HLD-motor generates outstanding drive torque to allow precise and quiet focusing. The lens was designed to be even more compact and lightweight, so it takes up less space with it's smaller size.

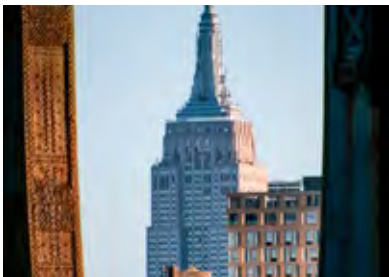
**Maximum sharpness thanks to VC image stabilisation**

The tried and tested VC image stabilisation technology from Tamron supports photographers in taking sharp and shake-free pictures in any situation – whether in poor light conditions or with extreme free-hand super-telephoto shots.

**Focal length comparison: 18-400mm Di II VC HLD**

Equivalent to 22.2x magnification of the subject

18mm (24mm<sup>1</sup>) ← → 400mm (620mm<sup>1</sup>)



The high-quality lenses guarantee sharp shots and beautiful bokeh.

The VC image stabiliser allows sharp pictures even in poor lighting conditions.



The new Tamron 18-400mm megazoom lens from Tamron offers limitless photography fun. With a focal length range from 28mm to 620mm converted for 35mm format, no subject will be too elusive. Despite the impressive 22.2x zoom, the lens is surprisingly compact, with a length of 123.9mm and a weight of just 710g.

Di II VC HLD eBAND MR IF ZL LD  
CANON DSLR NIKON DSLR Model B028



**Technical information:**  
Elements/groups: 16/11  
Minimum object distance: 45cm  
Filter diameter: 72mm  
Length: 121.4mm  
Weight: 705 g



18-400mm - Focal length: 18mm - Exposure: F/4.5 at 1/80 sec. - ISO 250



18-400mm - Focal length: 400mm - Exposure: F/6.3 at 1/40 sec. - ISO 500

\* Among currently available interchangeable lenses for DSLR cameras (May 2017; Tamron)



# 16-300mm F/3.5-6.3 Di II VC PZD MACRO

Whether travelling, hiking or going to a family party - this lens is a true companion when you need light weight and the best image quality.

**Large zoom range from 16mm to 300mm**

From ultra wide-angle to super telephoto - this high-performance zoom lens is suited for all kinds of subjects and photo opportunities. Both group shots at close proximity and photos of far-away details can now be photographed with a single lens.

**Light and compact - stellar photography without the weight**

At 540 grams and with a total length of barely ten centimetres, this zoom lens is ideal for hiking and travelling light. The use of innovative optical elements, such as lenses made of XR glass and hybrid aspherical lenses, is what makes it so compact.

**Fast PZD auto-focus and VC image stabiliser**

Never miss a perfect moment again: Tamron's Piezo Drive ultrasonic motor gives you lightning-fast focusing. The VC image stabiliser balances the smallest camera vibrations and shaking. Your telephoto-range shots will be sharp even in low-light conditions.

**Focal length comparison: 16-300mm Di II VC PZD**

16mm (24mm<sup>1</sup>)      ←————→      300mm (450mm<sup>1</sup>)



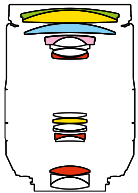
Its handy size, light weight and large focal length range makes the 16-300mm the perfect all-round lens.



This extremely versatile megazoom lens for digital SLR camera with APS-C sensors covers a huge range of focal lengths from 16mm to 300mm\*. You can even shoot macro photos, thanks to the short minimum focusing distance of 39cm. Our newly developed aspherical elements and multi-layer coated lenses guarantee excellent image quality.

- Di II
- VC
- PZD
- MR
- LD
- ASL
- XR
- UXR
- IF
- ZL

CANON DSLR    NIKON DSLR    SONY DSLR    Model B016



**Technical information**  
Elements/groups: 16/12  
Minimum object distance: 39cm  
Filter diameter: 67mm  
Length: 99.5mm  
Weight: 540 g



16-300mm · Focal length: 50mm · Exposure: F/8 at 1/100 sec. · ISO 100



16-300mm · Focal length: 110mm  
Exposure F/5.6 at 1/100 sec. · ISO 1600



**Sebastian Ritter & Jenny Mitschler**  
Travel bloggers  
Berlin, Germany

## Sensational Moments

“Lots of zoom, light weight - this is how the 16-300mm F/3.5-6.3 Di II VC PZD Macro won us over. As travel bloggers from 22places.de, we're always on the road and we like to travel as light as possible. Tamron's travel zoom means we don't have to compromise any more.

The 16-300mm has a large range of focal lengths (35mm equivalent 24.8mm to 450mm). That means you can capture great landscape photos and also very personal snapshots of street scenes. We can even take macro photos without having to change the lens first.

We captured so many sensational moments with the Tamron 16-300mm on our six-month Asia trip - from the Festival of Lights in Chiang Mai to the Chocolate Hills in the Philippines. We could take photos with slower shutter speeds thanks to the VC image stabiliser, and it reliably helped us avoid shaking when we were filming out of buses or trains.





28-300mm · Focal length: 28mm · Exposure: F/13 at 1/250 sec. · ISO 400



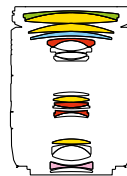
18-200mm · Focal length: 18mm · Exposure: F/5.6 at 1/125 sec. · ISO 400



## 28-300mm F/3.5-6.3 Di VC PZD

Versatile and compact high-performance zoom lens for single-lens reflex cameras with full-format sensors. Aspherical lenses ensure excellent picture quality over the entire range of focal lengths, from 28mm wide angle to 300mm telephoto. The VC image stabiliser balances undesired camera movement, ensuring sharp telephoto photography, even under low-light conditions.

Di VC PZD MR LD ASL XR UXR IF  
ZL CANON DSLR NIKON DSLR SONY DSLR Model A010



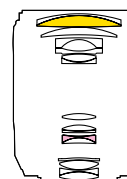
**Technical information:**  
Elements/groups: 19/15  
Minimum object distance: 49cm  
Filter diameter: 67mm  
Length: 96mm  
Weight: 540 g



## 18-200mm F/3.5-6.3 Di II VC

The world's lightest\* megazoom lens offers a high-performance VC image stabiliser and a versatile focal length range from 27mm to 300mm\*\*. The innovative optical construction ensures spectacular imaging performance, which is also helped along by the LD element. The use of an innovative hybrid aspherical lens contributes to a compact form factor.

Di II VC ASL LD IF ZL  
CANON DSLR NIKON DSLR SONY DSLR Model B018



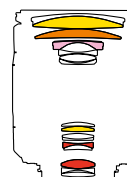
**Technical information:**  
Elements/groups: 16/14  
Minimum object distance: 49-77cm  
Filter diameter: 62mm  
Length: 94.1mm  
Weight: 400 g



## 18-270mm F/3.5-6.3 Di II VC PZD

A classic among megazoom lenses. The large focal length range of 27mm\*\* wide angle up to 405mm\*\* telephoto means no end of photographic opportunities. A fast auto-focus and built-in VC image stabiliser ensure sharp pictures, even under poor conditions. Special optical elements make for great imaging performance.

Di II VC PZD LD ASL AD IF ZL FLR  
CANON DSLR NIKON DSLR Modell B008TS



**Technical information:**  
Elements/groups: 16/13  
Minimum object distance: 49cm  
Filter diameter: 62mm  
Length: 88mm  
Weight: 450 g

\* In comparison with other 18-200mm SLR lenses with optical image stabiliser. Source: Tamron, as of: June 2015

\*\* Focal length equivalent to 35mm format.





# 14-150mm F/3.5-5.8 Di III

Compact, elegant megazoom lens with the best image quality for Micro Four Thirds System cameras. The 10.7x zoom covers a very large range of focal lengths from 28mm to 300mm\*. The optical construction contains LD and AD elements, as well as a hybrid aspherical lens. The combination gives you groundbreaking image quality.

Di III

LD

ASL

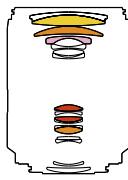
AD

IF

ZL

FOR MICRO FOUR THIRDS

Model C001



**Technical information:**  
Elements/groups: 17/13  
Minimum object distance: 50cm  
Filter diameter: 52mm  
Length: 80.4mm  
Weight: 285 g



# 18-200mm F/3.5-6.3 Di III VC

Light-weight megazoom lens with the best image quality for mirrorless APS-C system cameras from Canon and Sony. This excellent lens, with a 27-300mm focal length\*, is suitable for practically any photo situation. The compact housing has a modern, premium design and the system camera's quick and precise contrast auto-focus is supported internally by a reliable step motor.

Di III

VC

LD

ASL

XR

IF

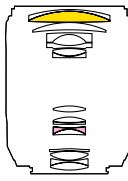
ZL

FOR APS-C

CANON DSLM

SONY DSLM

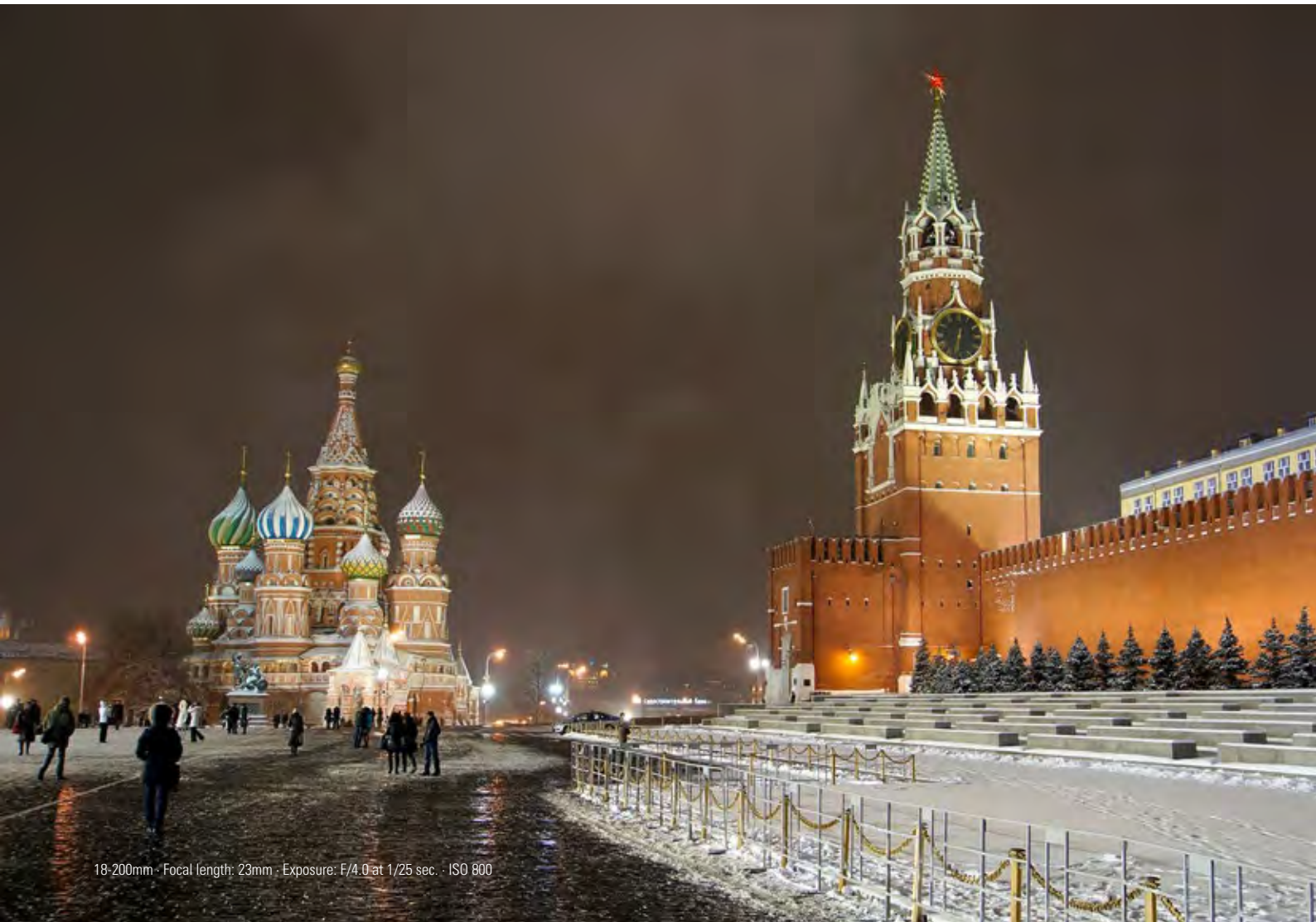
Model B011



**Technical information:**  
Elements/groups: 17/13  
Minimum object distance: 50cm  
Filter diameter: 62mm  
Length: 96.7mm  
Weight: 460 g



14-150mm · Focal length: 31mm · Exposure: F/4.6 at 1/25 sec. · ISO 800



18-200mm · Focal length: 23mm · Exposure: F/4.0 at 1/25 sec. · ISO 800

## Advantages of Tamron megazoom lenses



### Large zoom range

Megazoom lenses have an outstanding range of focal lengths. For example, you can take photos with both a 24mm<sup>1</sup> wide angle and with a 450mm<sup>1</sup> telephoto focal length - all without changing the lens.

### Light weight

Thanks to their special optical lenses, Tamron's megazoom lenses weigh less than 550 grams. You'll save space in your luggage as well, since you'll be able to take great photos of any subject with just one lens.

### Image stabilisation

The VC symbol indicates the built-in VC image stabiliser. This lets you take sharp pictures in low-light conditions, even without a tripod. Camera movements are substantially compensated so you can take handheld photos.

<sup>1</sup> Focal length equivalent to 35mm format.



# 10-24<sub>mm</sub> F/3.5-4.5 Di II VC HLD

The new generation of a Tamron classic. This ultra-wide-angle zoom lens offers fantastic perspectives and a huge wide angle.

## Outstanding optical performance across the whole zoom range

The high-quality optical construction includes 16 elements in 11 groups. A new aspherical lens and LD (Low Dispersion) lens elements offers an excellent resolution across the whole zoom range.

**Tamron's VC (Vibration Compensation) image stabiliser – better image quality and sharpness**

Tamron's unique VC (Vibration Compensation) technology lets you shoot perfect photos even in poor light conditions. Tamron has optimised the control algorithm in order to integrate VC technology into the new 10-24mm.

**HLD – Tamron's newly developed, highly precise AF motor**

The outstanding drive performance of the new motor allows stable and precise focusing, even with large lens elements. Manual focus control also allows you to make fine adjustments without having to change from AF to MF mode.

### Focal length comparison: 10-24mm F/3.5-4.5 Di II VC HLD

10mm (16mm\*) ←————→ 24mm (37mm\*)



Extraordinary perspectives thanks to a huge angle of view of 10-24mm



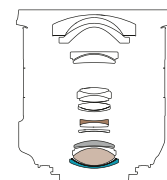
The VC image stabiliser allows sharp pictures even in poor lighting conditions.



This ultra-wide-angle zoom lens for APS-C DSLR cameras has excellent features: an enormous focal length range of 10-24mm, compact size and significantly improved optical performance. It also includes modern Tamron technologies such as VC (Vibration Compensation), a new HLD (High/Low Torque-Modulated Drive) and splash-proof casing.

Di II VC HLD MR XLD LD ASL IF DMPU

CANON DSLR    NIKON DSLR    Model B023



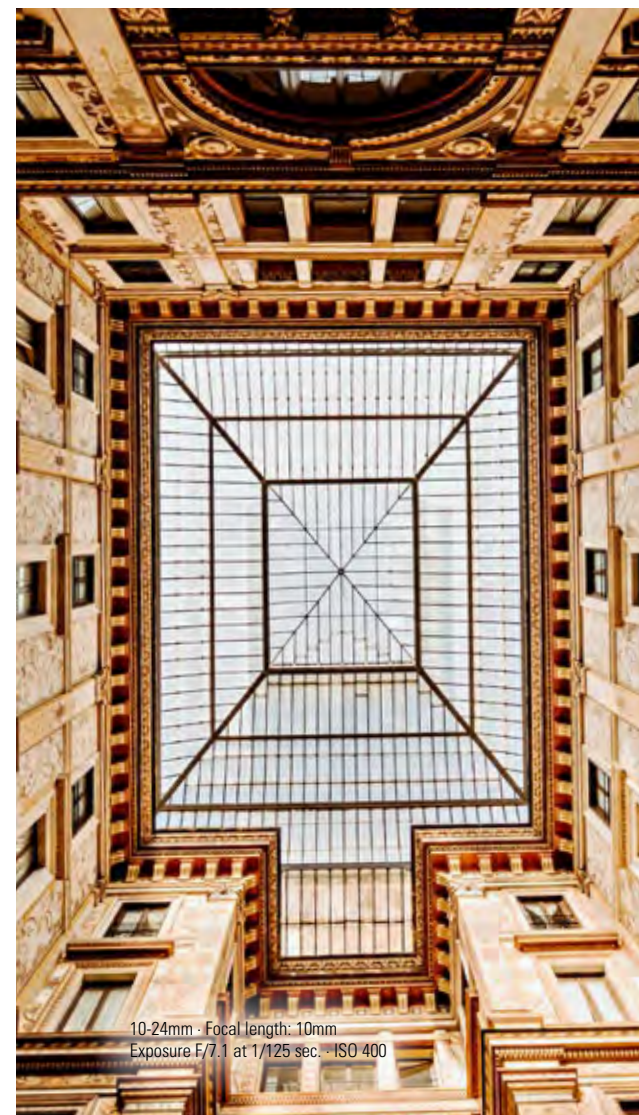
## Technical information

Elements/groups: 16/11  
Minimum object  
distance: 24cm  
Filter diameter: 77mm  
Length: 82.1mm  
Weight: 440 g

\* Focal length is 16-37mm equivalent in small image format.



10-24mm · Focal length: 10mm · Exposure: F/5.6 at 1/125 sec. · ISO 400



10-24mm · Focal length: 10mm  
Exposure F/7.1 at 1/125 sec. · ISO 400



**Sallyhateswing**

Philipp Johann & Sarah Schmid  
Lifestyle and Fashion  
Photography, Germany

Wide angle, unique moments

"When we were in Rome for three days, we only took one lens with us: the Tamron 10-24mm F/3.5-4.5 Di II VC HLD. The focal length range of this ultra-wide-angle zoom impressed us from the beginning. Converted to 35mm format, that becomes about 16 to 37mm - ideal to get great shots of the Italian capital's architectural highlights. The wide angle meant we could get an unbelievable amount in the picture at close range. In architectural shots particularly, lots of different perspectives look amazing. Something that especially fascinated us was the enormous depth effect. We could get up to 24 centimetres from the subject and still pick out lots of detail from the background. The photos seem almost three-dimensional, like you could walk into them.

The lens's resolution performance and detail reproduction was a pleasant surprise for us. It's incredible how sharp the pictures are. This is where the autofocus and especially the image stabilisation come into their own, preventing any image shake. We photographed a restaurant entrance in an alleyway with 1/4 exposure free hand – and the shot is as sharp as a tack. And while it didn't rain in Rome, the weatherproof casing still made us feel much safer in the dusty streets."





SP 15-30mm · Focal length: 15mm · Exposure: F/2.8 at 13 sec. · ISO 400



SP 70-200mm · Focal length: 152mm · Exposure: F/2.8 at 1/400 sec. · ISO 800



# SP 15-30mm F/2.8 Di VC USD

Professional wide-angle zoom for outstanding perspective. This fast F/2.8 lens expands Tamron's SP Series in the low focal length range. A unique XGM lens element (eXpanded Glass Moulded Aspherical) reduces aberrations to a minimum and, in combination with the VC image stabiliser, provides peerless imaging performance.

Di

SP

VC

USD

eBAND

MR

LD

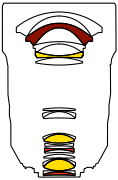
IF

CANON DSLR

NIKON DSLR

SONY DSLR

Model A012



**Technical information:**  
Elements/groups: 18/13  
Minimum object distance: 28cm  
Filter diameter: n/a  
Length: 142.5mm  
Weight: 1100 g



# SP 70-200mm F/2.8 Di VC USD

Versatile telephoto lens with F/2.8 aperture throughout and lots of modern features. The optical construction of the world's most compact\* lens of its class contains a special XLD glass element and four LD elements, allowing top-class picture quality and contributing to a compact form factor.

Di

SP

VC

USD

MR

LD

XLD

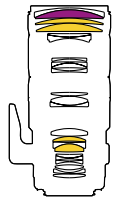
IF

CANON DSLR

NIKON DSLR

SONY DSLR

Model A009



**Technical information:**  
Elements/groups: 23/17  
Minimum object distance: 130cm  
Filter diameter: 77mm  
Length: 188.3mm  
Weight: 1470 g



# SP 24-70mm F/2.8 Di VC USD

High-performance standard zoom with first-class imaging performance and features. The F/2.8 aperture can be used even in low-light conditions and opens up creative opportunities with attractive blur effects. The image stabilisation minimises the risk of blurring from camera shake, while the USD auto-focus ensures fast, precise and quiet focusing.

Di

SP

VC

USD

MR

LD

ASL

XR

IF

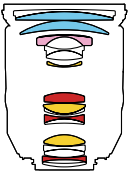
ZL

CANON DSLR

NIKON DSLR

SONY DSLR

Model A007



**Technical information:**  
Elements/groups: 17/12  
Minimum object distance: 38cm  
Filter diameter: 82mm  
Length: 108.5mm  
Weight: 825 g



# SP 150-600mm F/5-6.3 Di VC USD

Use this high-performance SP 150-600mm telephoto lens to capture the beauty of the animal world or gripping sports scenes. The VC image stabiliser and USD auto-focus will help you take sharp photos of fast-moving and far-away subjects without a tripod. Tamron's optical technology, such as eBAND compensation, minimise light dispersion and other image defects and helps take clear, lively pictures.

Di

SP

VC

USD

eBAND

MR

LD

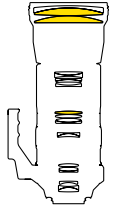
IF

CANON DSLR

NIKON DSLR

SONY DSLR

Model A011



**Technical information:**  
Elements/groups: 20/13  
Minimum object distance: 270cm  
Filter diameter: 95mm  
Length: 257.8mm  
Weight: 1951g  
(including tripod mount ring)

\* For high-speed DSLR telephoto lenses equipped with VC image stabiliser and USD autofocus. As of October 2012, source: Tamron.



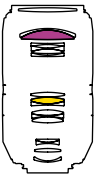


# SP 70-300mm F/4-5.6 Di VC USD

This compact telephoto lens is the first choice for photo enthusiasts wanting to capture far-away subjects full-size in a photo. Equipped with VC image stabilisation and USD auto-focus, you can take sharp, lively photos in a variety of situations. XLD and LD glass elements help reduce optical image defects.

Di SP VC USD LD XLD IF

CANON DSLR NIKON DSLR SONY DSLR Model A005



**Technical information:**  
Elements/groups: 17/12  
Minimum object distance: 150cm  
Filter diameter: 62mm  
Length: 142.7mm  
Weight: 765 g

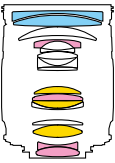


# SP AF 28-75mm F/2.8 XR Di LD asph. [IF] MACRO

This standard zoom with F/2.8 aperture puts the fun in photography. It has a high resolution capacity and high contrast reproduction. Its optical construction minimises colour fringing and loss of brightness at the edge of the photo. Its minimum focusing distance is just 33cm, so you can take fascinating close-up and macro photos.

Di SP LD ASL XR IF ZL

CANON DSLR NIKON DSLR PENTAX DSLR SONY DSLR Model A09



**Technical information:**  
Elements/groups: 16/14  
Minimum object distance: 33cm  
Filter diameter: 67mm  
Length: 92mm  
Weight: 510 g

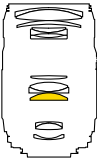


# AF 70-300mm F/4-5.6 Di LD MACRO

The 1:2 macro function telephoto lens is the ideal addition to a standard lens. This model combines high mechanical quality with outstanding optical properties. The macro switch-over mechanism at focal ranges 180-300mm lets the photographer photograph the subject from just 95cm away.

Di LD

CANON DSLR NIKON DSLR PENTAX DSLR SONY DSLR Model A17



**Technical information:**  
Elements/groups: 13/9  
Minimum object distance: 150cm (95cm macro)  
Filter diameter: ø 62mm  
Length: 116.5mm  
Weight: 458 g

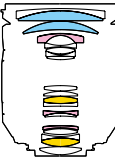


# SP AF 17-50mm F/2.8 XR Di II VC LD asph. [IF]

This large-aperture standard zoom covers all of the most popular focal lengths, from 25.5mm to 75mm\*. The large F/2.8 aperture lets you play creatively with effects like blur, such as when you take telephoto portrait shots. Combined with the VC image stabiliser, the photographer has everything they need for sharp photos, even in low light.

Di II SP VC LD ASL XR IF ZL

CANON DSLR NIKON DSLR Model B005



**Technical information:**  
Elements/groups: 19/14  
Minimum object distance: 29cm  
Filter diameter: 72mm  
Length: 94.5mm  
Weight: 570 g

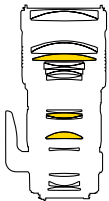


# SP AF 70-200mm F/2.8 Di LD [IF] MACRO

With a length of just 195mm, this lens is one of the most compact 70-200mm telephotos. Despite its modest dimensions, it is fast and has high sharpness and resolution. The low minimum focusing distance of just 95cm means you can take close-up shots with a magnification of 1:3.1.

Di SP LD IF

CANON DSLR NIKON DSLR PENTAX DSLR SONY DSLR Model A001



**Technical information:**  
Elements/groups: 18/13  
Minimum object distance: 95cm  
Filter diameter: 77mm  
Length: 194.3mm  
Weight: 1320 g

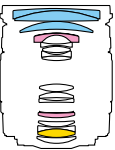


# SP AF 17-50mm F/2.8 XR Di II LD asph. [IF]

Compact standard zoom lens, best suited for photography in low light with F/2.8 aperture. The large aperture allows good extraction of the subject and prevents blurring caused by camera shake with the short exposure times. Special optical elements make for first-class imaging performance.

Di II SP LD ASL XR IF ZL

CANON DSLR NIKON DSLR PENTAX DSLR SONY DSLR Model A16



**Technical information:**  
Elements/groups: 16/13  
Minimum object distance: 27cm  
Filter diameter: 67mm  
Length: 83.2mm  
Weight: 440 g

\* Focal length equivalent to 35mm format.





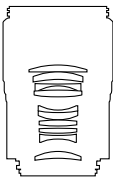
SP AF 90mm - Focal length: 90mm - Exposure: F/5 at 1/60 sec. - ISO 100



# SP AF 90mm F/2.8 Di MACRO 1:1

This tried and tested version of Tamron's classic 90mm macro lens is the ideal universal lens for ambitious photographers. The optical structures includes ten elements in nine groups, making for excellent imaging performance. The minimum focusing distances is just 29cm, so you can photograph even small objects at an image ratio of 1:1.

- Di SP
- CANON DSLR NIKON DSLR PENTAX DSLR SONY DSLR Model 272E



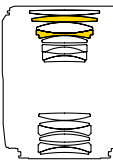
**Technical information:**  
Elements/groups: 10/9  
Minimum object distance: 29cm  
Filter diameter: 55mm  
Length: 97mm  
Weight: 400 g



# SP AF 60mm F/2 Di II LD [IF] MACRO 1:1

This lens offers a special look at the subtleties in nature. You can use it to project your subjects life-size (1:1 image ratio) onto the sensor at a distance of 23cm. The high speed and large aperture will give you wonderful blur effects and sharp photos without a tripod, even in low light.

- Di II SP LD IF
- CANON DSLR NIKON DSLR SONY DSLR Model G005



**Technical information:**  
Elements/groups: 14/10  
Minimum object distance: 23cm  
Filter diameter: 55mm  
Length: 80mm  
Weight: 350 g

## GUARANTEE AND SERVICE

### 5 year guarantee

The quality of Tamron lenses is guaranteed. Tamron also offers a free extension of the guarantee period to five years. To claim the extended guarantee, register your lens within two months of purchase on the Tamron registration website. You will then be entitled as part of the 5 year guarantee to our services in the following countries: European Union, Norway, Iceland, Turkey, Ukraine, Andorra, Serbia and Gibraltar. Register on: [5years.tamron.eu](https://5years.tamron.eu)

EN

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5

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### About Tamron

- Lenses for digital cameras and video cameras  
Tamron is a leading supplier of high-performance optics that meet the highest quality standards of modern sensors. Tamron also produces light and compact zoom lenses with high performance and excellent image quality for video cameras.
- CCTV lenses  
Tamron uses advanced technologies to develop revolutionary lenses that meet the special requirements of the security sector and industry automation. This includes a comprehensive range of CCTV lenses, including IR lenses, lenses compatible with high-resolution cameras and motorised zoom lenses.
- Lenses for long-wave infrared cameras  
We have used our expertise as manufacturers of optical products to develop the world's first lenses with VC image stabilisation for LWIR cameras. We have a wide range of products and will continue to develop high-quality optics in the future.
- Lenses for automotive construction applications  
Vehicles all over the world are equipped with cameras today that offer an array of features for image recognition and increasing driving safety. Tamron uses its high-precision manufacturing technologies to maintain its position as a leading manufacturer of lenses for vehicle construction.
- Optical products  
Tamron develops and produces a comprehensive range of advanced and high-precision optical equipment. This includes various aspherical lenses, special prisms, devices for lasers, dichroic mirrors for colour separation, polarisers, special multi-layer thin-film coatings and test plates for fast and precise inspection of lens surfaces.

### Customer service

If you have questions about Tamron products or the services we offer, please contact our Services: Tamron Europe GmbH, Service Department, telephone: +49 (0) 221 / 66 95 44-135, Email: [service@tamron.de](mailto:service@tamron.de) Mon-Thurs 8.30am–5.30pm, Fri 8.30am–3.30pm

### Repairs

Tamron products are manufactured with the greatest care and precision. Should there be any damage to your lens nonetheless, Tamron Customer Service will be happy to assist you. You can find contact addresses and more detailed information on the guarantee and the procedure for sending in the product and having it repaired at: [www.tamron.eu/de/service](https://www.tamron.eu/de/service)

### Tamron's quality assurance and environmental protection activities

- ISO standards: The abbreviation ISO is short for International Organization for Standardization. The relevant international standards include the ISO 9000 family for quality management systems and the ISO 14000 family for the certification of environmental management. Tamron is certified under ISO 9001 and ISO 14001.
- Environment: Tamron takes environmental matters seriously and supports the implementation of operating procedures according to ISO 14001 to protect the environment. Specifically, Tamron has adopted a "green purchasing directive", under which environmentally unfriendly materials are avoided from the beginning of the process and positive contributions to the environment are encouraged. During production, Tamron endeavours to keep energy use as low as possible, avoid excessive waste and use recyclable materials where possible. These measures contribute to the development of high-value, compact and environmentally friendly products to satisfy our customers. Since 2004, Tamron has been producing environmental reports in which we publish social responsibility initiatives and practices to protect our environment. You can find more information on these on Tamron's English-language website: ([www.tamron.co.jp/en/envi/top/](https://www.tamron.co.jp/en/envi/top/))
- ISO 9001 Quality assurance guidelines: Standards for quality management and quality assurance for manufacturing high-quality products.
- ISO 14001 Environmental management: Tamron includes in its corporate philosophy the goal of offering high-quality products and services that meet the demands of our customers. Beyond this, Tamron's employees consistently champion the protection of our global environment on every level and in every aspect of our company's activities. Tamron is conscious of its social responsibilities and takes them seriously.
- ISO 14001 - The basis of environmental protection:
  1. Compliance with relevant environmental provisions
  2. Conservation and protection of natural resources
  3. Avoidance of damage to the environment
  4. Continuous promotion of environmental protection programme
  5. Construction and development of environmentally friendly products as a contribution to environmental protection
  6. Training and instruction to involve all employees
  7. Publication of ecologically relevant information



Lens	TAP-in-Konsole (optional)	Telecon- verter (optional)	Tripod clamp (optional)	Tripod clamp (included)
SP 35mm F/1.8 Di VC USD	•			
SP 45mm F/1.8 Di VC USD	•			
SP 85mm F/1.8 Di VC USD	•			
SP 90mm F/2.8 Di MACRO 1:1 VC USD	•			
10-24mm F/3.5-4.5 Di II VC HLD	•			
SP 15-30mm F/2.8 VC USD G2	•			
17-35mm F/2.8-4 Di OSD	•			
18-400mm F/3.5-6.3 Di II VC HLD	•			
SP 24-70mm F/2.8 Di VC USD G2	•			
SP 70-200mm F/2.8 Di VC USD				•
SP 70-200mm F/2.8 Di VC USD G2	•	•		•
70-210mm F/4 Di VC USD	•	•	•	
100-400mm F/4.5-6.3 Di VC USD	•	•	•	
SP 150-600mm F/5-6.3 Di VC USD				•
SP 150-600mm F/5-6.3 Di VC USD G2	•	•		•



TAP-in Console – Individually configure your Tamron lens

Photographers can use the TAP-in Console to configure selected Tamron lenses for their own needs. This means, for example, that you can update the firmware on your lens using your own computer and configure it in other ways that were previously only possible on-location via Tamron services. The parameters that are individually configurable include (depending on the lens): Focus adjustment, setting the focus limiter, optimisation of the manual focus function and calibration of the VC image stabiliser.

Download the TAP-in Utility Software from:  
<http://www.tamron.co.jp/software/en/tapin/>



Teleconverter

The TC-X14 and TC-X20 teleconverters allow the focal length of compatible Tamron lenses to be extended by the factors 1.4x or 2.0x. The high imaging performance of the lens remains unaffected.

LEFT: TC-X14 (1.4x)  
RIGHT: TC-X20 (2.0x)



Tripod clamp

The ARCA-SWISS compatible tripod clamp optimally balances new Tamron SP series telephoto lenses on the tripod head.





LENS OVERVIEW														PAGE	MODEL	FOCAL LENGTHmm	ANGLE OF VIEW (diagonal) ( ) = values for cameras with APS-C sensor	LARGEST APERTUREf	SMALLEST APERTUREf	APERTURE BLADES	LENS CONSTRUCTION Elements/groups	MINIMUM OBJECT DISTANCE cm	MAX. IMAGE RATIO	FILTER SIZE Ømm	WEIGHT <sup>g</sup>	DIAMETER × LENGTH <sup>ø</sup> mm	CANON DSLR	NIKON DSLR	SONY DSLR	PENTAX DSLR	MFT (Micro Four Thirds)	MIRRORLESS SYSTEM CAMERAS (DSLM)	LENS HOODS (included)	NOTES			
Di For digital SLR cameras with full-format and APS-C sensor																																					
SP 35mm F/1.8 Di VC USD <sup>1,2</sup>														28	F012	35	63°26' (43°29')	1.8	16	9 <sup>2</sup> rounded blades	10-9	20	1:2.5	67	450	80.4 × 78.3	•	•	•							HF012	Optionally available: TAP-in Console
SP 45mm F/1.8 Di VC USD <sup>1,2</sup>														29	F013	45	51°21' (34°28')	1.8	16	9 <sup>2</sup> rounded blades	10-8	29	1:3.4	67	520	80.4 × 89.2	•	•	•							HF013	Optionally available: TAP-in Console
SP 85mm F/1.8 Di VC USD <sup>1,2</sup>														30	F016	85	28°33' (18°39')	1.8	16	9 <sup>2</sup> rounded blades	13-9	80	1:7.2	67	660	84.8 × 88.8	•	•	•							HF016	Optionally available: TAP-in Console
SP AF 90mm F/2.8 Di MACRO 1:1														48	272E	90	27°2' (17°37')	2.8	32	9	10-9	29	1:1	55	400	71.5 × 97.0	•	•	•							2C9FH	
SP 90mm F/2.8 Di MACRO 1:1 VC USD <sup>1,2</sup>														31	F017	90	27°2' (17°37')	2.8	32	9 <sup>2</sup> rounded blades	14-11	30	1:1	62	600	79.0 × 114.6	•	•	•							HF017	Optionally available: TAP-in Console
SP 15–30mm F/2.8 Di VC USD <sup>1</sup>														44	A012	15–30	110°32'-71°35' (85°52'-49°54')	2.8	22	9 <sup>2</sup> rounded blades	18-13	28 <sup>3</sup>	1:5	N/A	1,100	98.4 × 142.5	•	•	•							N/A	The lens hood is permanently connected to the lens
SP 15-30mm F/2.8 Di VC USD G2														NEW	16	A041	15–30	110°32' - 71°35' (85°52' - 49°54')	2.8	22	9 <sup>2</sup> rounded blades	18-13	28	1:5	Filter insert on bayonet (Canon)	1,110 (Canon) 1,100 (Nikon)	98.4 × 145 (Canon) 98.4 × 142.5 (Nikon)	•	•						N/A	The lens hood is permanently connected to the lens Optionally available: TAP-in Console	
17-35mm F/2.8-4 Di OSD															NEW	12	A037	17-35	103°41'-63°26' (78°46'-43°29')	2.8-4	16-22	7	15-10	28	1:4.9	77	460	83.6 × 92.5 (Canon) 83.6 × 90 (Nikon)	•	•					HA037	Optionally available: TAP-in Console	
SP 24-70mm F/2.8 Di VC USD <sup>1</sup>														44		A007	24-70	84°04'–34°21' (60°20'–22°33')	2.8	22	9 <sup>2</sup> rounded blades	17-12	38 <sup>3</sup>	1:5	82	825	88.2 × 108.5	•	•	•					HA007		
SP 24-70mm F/2.8 Di VC USD G2 <sup>2</sup>														22	A032	24-70	84°04'–34°21' (60°20'–22°33')	2.8	22	9 <sup>2</sup> rounded blades	17-12	38 <sup>3</sup>	1:5	82	905 (Canon) 900 (Nikon)	88.4 × 111 (Canon) 88.4 × 108.5 (Nikon)	•	•						HA032	Included: Soft case Optionally available: TAP-in Console		
SP AF 28–75mm F/2.8 XR Di LD Aspherical [IF] MACRO														47	A09	28-75	75°23'-32°11' (52°58'-21°4')	2.8	32	7	16-14	33 <sup>3</sup>	1:3.9	67	510	73.0 × 92.0	•	•	•	•				DA09			
28–300mm F/3.5-6.3 Di VC PZD <sup>1</sup>														39	A010	28-300	75°23'-8°15' (52°58'-5°20')	3.5-6.3	22-40	7 <sup>2</sup> rounded blades	19-15	49 <sup>3</sup>	1:3.5	67	540	74.4 × 96.0	•	•	•					HA010			
SP 70-200mm F/2.8 Di VC USD <sup>1</sup>														45	A009	70-200	34°21'-12°21' (22°33'-7°59')	2.8	32	9 <sup>2</sup> rounded blades	23-17	130 <sup>3</sup>	1:8	77	1,470	85.8 × 188.3	•	•	•					HA001			
SP 70-200mm F/2.8 Di VC USD G2 <sup>2</sup>														24	A025	70-200	34°21'-12°21' (22°33'-7°59')	2.8	22	9 <sup>2</sup> rounded blades	23-17	95 <sup>3</sup>	1:6.1	77	1,485	88 × 191.3	•	•						HA025	Included: Soft case, tripod clamp Optionally available: 1.4x/2.0x teleconverter, TAP-in Console		
SP AF 70–200mm F/2.8 Di LD [IF] MACRO														46	A001	70-200	34°21'-12°21' (22°33'-7°59')	2.8	32	9	18-13	95 <sup>3</sup>	1:3.1	77	1,320	89.5 × 194.3	•	•	•	•				HA001	Lens version with Pentax mount without aperture ring		
70-210mm F/4 Di VC USD <sup>2</sup>														NEW	20	A034	70-210	34°21'-11°46' (23°01'-7°46')	4	32	9 <sup>2</sup> rounded blades	20-14	95 <sup>3</sup>	1:3.1	67	860 (Canon) 850 (Nikon)	76 × 176.5 (Canon) 76 × 174 (Nikon)	•	•						HA034	Optionally available: 1.4x/2.0x teleconverter, tripod clamp, TAP-in Console	
SP 70–300mm F/4-5.6 Di VC USD <sup>1</sup>															46	A005	70-300	34°21'-8°15' (22°33'-5°20')	4-5.6	32-45	9	17-12	150 <sup>3</sup>	1:4	62	765	81.5 × 142.7	•	•	•					HA005		
AF 70–300mm F/4-5.6 Di LD MACRO														46	A17	70-300	34°21'-8°15' (22°33'-5°20')	4-5.6	32-45	9	13-9	150 (95 macro)	1:2	62	458	76.6 × 116.5	•	•	•	•				DA17			
100-400mm F/4.5-6.3 Di VC USD <sup>2</sup>														NEW	18	A035	100-400	24°24'-6°12' (15°54'-4°01')	4.5-6.3	32-45	9 <sup>2</sup> rounded blades	17-11	150 <sup>3</sup>	1:3.6	67	1,135 (Canon) 1,115 (Nikon)	86.2 × 199 (Canon) 86.2 × 196.5 (Nikon)	•	•						HA035	Optionally available: 1.4x/2.0x teleconverter, tripod clamp, TAP-in Console	
SP 150-600mm F/5-6.3 Di VC USD <sup>1</sup>															45	A011	150-600	16°25'-4°8' (10°38'-2°40')	5-6.3	32-40	9 <sup>2</sup> rounded blades	20-13	270 <sup>3</sup>	1:5	95	1,951	105.6 × 257.8	•	•	•					HA011	Included: Tripod clamp, soft case Optionally available: Tripod clamp (long version)	
SP 150–600mm F/5-6.3 Di VC USD G2 <sup>1,2</sup>														26	A022	150-600	16°25'-4°8' (10°38'-2°40')	5-6.3	32-40	9 <sup>2</sup> rounded blades	21-13	220 <sup>3</sup>	1:3.9	95	1,990	108.4 × 260.2 (Canon) 108.4 × 257.7 (Nikon)	•	•	•						HA022	Included: Soft case, tripod clamp Optionally available: 1.4x/2.0x teleconverter, TAP-in Console	



**Human Touch – the human component of Tamron SP lenses**

With the new SP series, Tamron has integrated a human component into its product portfolio. While the lenses contain the latest technology in the field, at the same time they represent the connection between Tamron and the photographer. The designers placed particular importance on the light-gold ring that symbolises this connection. The lines of the SP series trace organic shapes that flatter the hand and lend the lens a familiar feel. The switch has been enlarged and the labelling redesigned for more comfortable operation. This love for the details is characteristic of Tamron's philosophy of constantly striving for improvement.



LENS OVERVIEW	PAGE	MODEL	FOCAL LENGTHmm	ANGLE OF VIEW (diagonal) ( ) = values for cameras with APS-C sensor	LARGEST APERTUREf	SMALLEST APERTUREf	APERTURE BLADES	LENS CONSTRUCTION Elements/groups	MINIMUM OBJECT DISTANCEcm	MAX. IMAGE RATIO	FILTER SIZE Ømm	WEIGHT <sup>5</sup> g	DIAMETER × LENGTH <sup>6</sup> mm	CANON DSLR	NIKON DSLR	SONY DSLR	PENTAX DSLR	MFT (Micro Four Thirds)	FOR MIRRORLESS SYSTEM CAMERAS (DSLM)	LENS HOODS (included)	NOTES
Di II For digital SLR cameras with APS-C sensor																					
SP AF 60mm F/2 Di II LD [IF] MACRO 1:1	48	G005	60	26°11'	2	22	7	14-10	23	1:1	55	350	73.0 × 80.0	●	●	●				HG005	
10-24mm F/3.5-4.5 Di II VC HLD <sup>2</sup>	42	B023	10-24	108°44'–60°20'	3.5-4.5	22-29	7 <sup>2</sup> rounded blades	16-11	24 <sup>3</sup>	1:5.3	77	440	83.6 × 82.1	●	●					HB023	Optionally available: TAP-in Console
16-300mm F/3.5-6.3 Di II VC PZD MACRO <sup>1</sup>	36	B016	16-300	82°12'–5°20'	3.5-6.3	22-40	7 <sup>2</sup> rounded blades	16-12	39 <sup>3</sup>	1:2.9	67	540	75.0 × 99.5	●	●	●				HB016	
SP AF 17–50mm F/2.8 XR Di II VC LD Aspherical [IF]	47	B005	17-50	78°45'–31°11'	2.8	32	7	19-14	29 <sup>3</sup>	1:4.8	72	570	79.6 × 94.5	●	●					AB003	
SP AF 17–50mm F/2.8 XR Di II LD Aspherical [IF]	47	A16	17-50	78°45'–31°11'	2.8	32	7	16-13	27 <sup>3</sup>	1:4.5	67	440	73.8 × 83.2	●	●	●	●			DA09	
18-200mm F/3.5-6.3 Di II VC <sup>1</sup>	39	B018	18-200	75°33'–7°59'	3.5-6.3	22-40	7 <sup>2</sup> rounded blades	16-14	49-77	1:4	62	400	75.0 × 94.1	●	●	●				HB018	
18-270mm F/3.5-6.3 Di II VC PZD <sup>1</sup>	39	B008TS	18-270	75°33'–5°55'	3.5-6.3	22-40	7	16-13	49 <sup>3</sup>	1:3.8	62	450	74.4 × 88.0	●	●					DA018	
18-400mm F/3.5-6.3 Di II VC HLD <sup>2</sup>	34	B028	18-400	75°33'-4°	3.5-6.3	22-40	7 <sup>2</sup> rounded blades	16-11	45 <sup>3</sup>	1:2.9	72	710 (Canon) 705 (Nikon)	79 × 123.9 (Canon) 79 × 121.4 (Nikon)	●	●					HB028	Optionally available: TAP-in Console
Di III For mirrorless system cameras																					
14-150mm F/3.5-5.8 Di III	40	C001	14-150	75°22'–8°15' **	3.5-5.8	22	7 <sup>2</sup> rounded blades	17-13	50 <sup>3</sup>	1:3.8	52	285	63.5 × 80.4					●		HC001	Available in two colour versions: Black and Silver; * angle of view for aspect ratio 4:3
18–200mm F/3.5–6.3 Di III VC	40	B011	18-200	75°33'–7°59'	3.5-6.3	22-40	7	17-13	50 <sup>3</sup>	1:3.7	62	460 **	68.0 × 96.7 **					Canon: ● Sony: ●		HB011	For mirrorless APS-C system cameras from Canon and Sony; available in two colour variants: Black and Silver; ** weight and diameter × length (total length) values apply to the corresponding model with Sony mount.
28-75mm F/2.8 Di III RXD	NEW	10	A036	75°23'-32°11' (52°58'-21°05')	2.8	2.8-22	9 <sup>2</sup> rounded blades	15-12	19-39	1:2.9	67	550	73.0 × 117.8						Sony: ●	HA036	for SONY E-mount with full-format sensors

**Notes**

The use of Di and Di II lenses with mirrorless compact camera systems is not recommended. The use of a conversion adapter (mount adapter, converter etc.) should also be avoided.

1 SONY DSLR The Sony mounts (A005, A007, A009, A010, A011, A012, B008, B016, B018, F012, F013, F016, F017, A022) are supplied without VC image stabilisers, as Sony's digital single lens reflex cameras are already fitted with an internal image stabiliser. As a consequence, the abbreviation "VC" is missing in these lens designations.

2 The blades form an almost circular shape when the aperture is open. This shape is maintained almost fully even when stopping down by up to two stops.

3 Minimum object distance over the entire range of focal lengths.

4 Weight including the removable tripod mount ring. Unless otherwise specified, the information refers to the model with the Nikon mount.

5 The length is defined from the contact face on the camera housing to the tip of the lens. The weight and diameter x length values, excluding C001, B011 and A036, apply to the model with the Nikon mount.

**Notes on model B011**

When using the AF-C mode (Continuous AF) with 18-200mm Di III VC, please note:

- When using the scene program "Sports Mode", during continuous focusing, "pumping" of the image may occur on the LCD monitor display. If this occurs, it will not affect the quality of the image that is produced.
- The same effect may be observed in any of the Shoot Modes (P, A, S, M) when Continuous AF (AF-C) is used. The effect will not affect the photos taken in this situation either.

\* As an alternative to the situation described above, the focus mode can be set to Single Shot AF (AF-S) or Direct Manual Focus (DMF).

Be careful if the camera shows an error message or if the LCD monitor goes blank (for Canon lenses). In very rare cases, malfunctions can occur if signal transmission between the camera and the lens does not work correctly. If this occurs, please do one of the following to solve the problem:

- Switch the camera off.
- Ensure there is no dirt or oil on the signal contacts in the lens and/or the camera.
- If the problem continues, please switch the camera off and remove the battery. Re-insert the battery and switch the camera back on.

Lens hoods

All Tamron lenses are supplied with a lens hood as standard that is made specially for the specific lens. This lens attachment prevents lateral light rays entering the lens and thereby minimises the risk of dispersion and ghost images on the inside of the lens harming the quality of the image. On lenses with internal focusing (IF), the lens hood is somewhat longer and is tulip-shaped, preventing shadowing in the corners of the picture.

