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.
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 whenever purchasing that the lens has the correct mount for your camera system.

- For all DSLR cameras with full-format and APS-C sensors
- For DSLR cameras with APS-C sensors
- 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. Some models cannot be used with all mounts. You can find an overview on pages 52 to 55.

LD lens elements (Low Dispersion)

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.

XLD (eXtra Low Dispersion) glass

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 fluoride. This effectively prevents problematic chromatic aberrations. This means maximum image sharpness will be achieved, even at the edges of the photo.

AD elements (Anomalous Dispersion)

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 different 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.

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

UXR (Ultra Xtra Refractive Index) and UXR elements (Ultra Xtra Refractive Index) are 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.

Hybrid aspherical elements for spectacular build quality and a compact design

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, while retaining astonishingly large zoom ranges.

Fluorine compensation

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.

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

The nano-compensation process developed by Tamron allows a waferthin 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 multilayer coating underneath. This effectively minimises undesired mirroring and ghost images.

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
Internal focusing - Many practical advantages

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

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 - Optimium 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

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

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

HLD – Tamron’s highly precise AF motor

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

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.

Optimised Silent Drive – extremely quiet autofocus

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

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.

Ultrasonic Silent Drive – High-performance focusing

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

Selected Tamron lenses* are equipped with a Dual MPU Unit (Micro-Processing Unit). Two separate processors with digital signal processing 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.

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

Focal length comparison

Top row: 35mm / Full-frame
Bottom row: APS-C sensor (crop factor 1.55)

* equivalent to small format - large format

*equivalent to 28mm*
"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

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 Di III RXD 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

Compact and light – ideal for mirrorless camera systems

The 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.

Technical information

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

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.
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.

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

Circular aperture for soft bokeh

Advanced coating for high picture quality

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.

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
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

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.

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

<table>
<thead>
<tr>
<th>Focal length</th>
<th>Exposure</th>
<th>ISO</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-30mm</td>
<td>F/2.8</td>
<td>100</td>
</tr>
<tr>
<td>15-30mm</td>
<td>F/8.0</td>
<td>100</td>
</tr>
</tbody>
</table>

15-30mm ∙ Focal length: 30mm ∙ Exposure: F/2.8 at 1/3 sec. ∙ ISO 100
15-30mm ∙ Focal length: 30mm ∙ Exposure: F/8.0 at 1/3 sec. ∙ ISO 100
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)

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.

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 (Low Dispersion) glass, 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.

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

100-400mm ∙ Focal length: 100mm ∙ Exposure: F/6.3 at 1/5000 sec. ∙ ISO 640

100-400mm ∙ Focal length: 400mm ∙ Exposure: F/6.3 at 1/4000 sec. ∙ ISO 640
NEW

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

Splash-proof construction

The casing is protected against splashing water by special seals.

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 range length allows precise control of the depth of field and a beautiful bokeh effect.

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.

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

Splash-proof construction

The casing is protected against splashing water by special seals.

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 range length allows precise control of the depth of field and a beautiful bokeh effect.

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:

- Modelling group: 2014
- Minimum object distance: 0.95m
- Filter diameter: 67mm
- Length: 174mm
- Weight: 850g

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

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

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.

Optional 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.

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.

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

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

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

Optimal speed and the best performance

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

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

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.

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

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

SP 24-70mm G2
- Focal length: 56mm
- Exposure: F/5 at 1/200 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).

**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.

---

**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.
The beauty and power of nature

“As a fashion and lifestyle photographer, from the beginning I’ve 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.”

Thomas Kettner
Fashion and lifestyle photographer Hamburg, Germany
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.

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.

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

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

*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.

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

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

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.

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

The SP 90mm has the best and most advanced features, as well as outstanding performance and imaging quality.
Philip Ruopp
Advertising and sports photographer
Laichingen, 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

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 traveling 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 its 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

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.

Technical information

- Elements/groups: 16/11
- Minimum object distance: 45cm
- Filter diameter: 72mm
- Length: 121.4mm
- Weight: 705 g
- Focal length: 18-400mm ∙ Exposure: F/4.5 at 1/80 sec. ∙ ISO 250
- Focal length: 18mm ∙ Exposure: F/3.5 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 faraway 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.

Technical information
- lens: 16-300mm F/3.5-6.3 Di II VC PZD MACRO
- elements/groups: 16/12
- minimum object distance: 39cm
- filter diameter: 67mm
- length: 99.5mm
- weight: 540 g

MEGAZOOM

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.

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 (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.

* Focal length is 24.8-450mm equivalent in small image format.
28-300mm F/3.5-6.3 Di II 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.

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

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

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

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

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

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

---

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.

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

---

**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 24mm¹ wide angle and with a 450mm¹ 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.

---

* Focal length equivalent to 35mm format.
10-24mm 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

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.

Technical information

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

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

Sallyhateswings
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.”
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.

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

* 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.

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.

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 330cm, so you can take fascinating close-up and macro photos.

SP AF 70-200mm F/2.8 Di VC USD [IF] MACRO
With a length of just 196mm, 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.

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

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.

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*.

SP AF 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.

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.

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 330cm, so you can take fascinating close-up and macro photos.

SP AF 70-200mm F/2.8 Di VC USD [IF] MACRO
With a length of just 196mm, 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.

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.
SP AF 90 mm 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.

Filter diameter: 55mm
Elements/groups: 14/10
Technical information:
Length: 97mm
Minimum object distance: 29cm

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 motorized 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 stabilization 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 automobile construction.

CCTV lenses
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.

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

GUARANTEE AND SERVICE

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
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.de/service
**ACCESSORIES**

**Lens**

<table>
<thead>
<tr>
<th>Lens</th>
<th>TAP-in Console (optional)</th>
<th>Teleconverter (optional)</th>
<th>Tripod clamp (optional)</th>
<th>Tripod clamp (included)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35mm F/1.8 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>45mm F/1.8 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60mm F/2.8 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70-200mm F/2.8 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70-200mm F/2.8 Di VC USD G2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70-210mm F/4 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>85-200mm F/4 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100-400mm F/4.5-6.3 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>150-600mm F/5-6.3 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>150-600mm F/5-6.3 Di VC USD G2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-24mm F/3.5-4.5 Di II VC HLD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18-400mm F/3.5-6.3 Di II VC HLD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17-35mm F/2.8 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24-70mm F/2.8 Di VC USD G2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24-70mm F/2.8 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24-70mm F/2.8 Di VC USD G2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24-70mm F/2.8 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70-200mm F/2.8 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70-200mm F/2.8 Di VC USD G2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70-210mm F/4 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>85-200mm F/4 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100-400mm F/4.5-6.3 Di VC USD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.


**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.

- TC-X14 (1.4x)
- 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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Focal Length (mm)</th>
<th>Diagonal Angle (°)</th>
<th>Minimum Object Distance (cm)</th>
<th>Maximum Image Height (mm)</th>
<th>Maximum Image Width (mm)</th>
<th>Maximum Image Ratio</th>
<th>Included Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP 35mm F1.8 Di VC USD 1, 2</td>
<td>35</td>
<td>63° 26’ (43° 29’)</td>
<td>13-9</td>
<td>60</td>
<td>1-3 2</td>
<td>130</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 45mm F1.8 Di VC USD 1, 2</td>
<td>45</td>
<td>51° 21’ (34° 28’)</td>
<td>20-32</td>
<td>95</td>
<td>1-6 9</td>
<td>150</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 55mm F1.8 Di VC USD 1, 2</td>
<td>55</td>
<td>63° 26’ (43° 29’)</td>
<td>13-9</td>
<td>60</td>
<td>1-3 2</td>
<td>130</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP AF 90mm F2.8 Di MACRO 1, 1</td>
<td>90</td>
<td>27° 2’ (17° 37’)</td>
<td>9</td>
<td>32</td>
<td>9</td>
<td>18</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 90mm F2.8 Di MACRO 1, 1</td>
<td>90</td>
<td>27° 2’ (17° 37’)</td>
<td>9</td>
<td>32</td>
<td>9</td>
<td>18</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 15-35mm F/2.8 Di VC USD 1, 2</td>
<td>15-35</td>
<td>110° 32’ - 71° 35’</td>
<td>15-10</td>
<td>77</td>
<td>1-4 9</td>
<td>120</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 15-30mm F/2.8 Di VC USD 1</td>
<td>15-30</td>
<td>110° 32’ - 71° 35’</td>
<td>15-10</td>
<td>77</td>
<td>1-4 9</td>
<td>120</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 15–30mm F/2.8 Di VC USD 1</td>
<td>15-30</td>
<td>110° 32’ - 71° 35’</td>
<td>15-10</td>
<td>77</td>
<td>1-4 9</td>
<td>120</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 17-35mm F/2.8 Di VC USD 1</td>
<td>17-35</td>
<td>103° 41’ - 63° 26’</td>
<td>15-10</td>
<td>77</td>
<td>1-4 9</td>
<td>120</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 20-47mm F2.8 Di VC USD 1</td>
<td>20-47</td>
<td>103° 41’ - 63° 26’</td>
<td>15-10</td>
<td>77</td>
<td>1-4 9</td>
<td>120</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 24-70mm F2.8 Di VC USD 1</td>
<td>24-70</td>
<td>103° 41’ - 63° 26’</td>
<td>15-10</td>
<td>77</td>
<td>1-4 9</td>
<td>120</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 24-70mm F2.8 Di VC USD 2</td>
<td>24-70</td>
<td>103° 41’ - 63° 26’</td>
<td>15-10</td>
<td>77</td>
<td>1-4 9</td>
<td>120</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP AF 28-70mm F2.8 XR Di LD Aspherical [IF] MACRO 1</td>
<td>28-70</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 28-300mm F/4 Di VC USD 1</td>
<td>28-300</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 70-200mm F/2.8 Di VC USD 1</td>
<td>70-200</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 70-200mm F/2.8 Di VC USD 2</td>
<td>70-200</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 70-200mm F/2.8 Di VC USD 3</td>
<td>70-200</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP AF 70-200mm F/2.8 Di LD [IF] MACRO 1</td>
<td>70-200</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>70-210mm F/4 Di VC USD 3</td>
<td>70-210</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 70-300mm F/4.5 Di VC USD 1</td>
<td>70-300</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>AF 70-300mm F/4 Di VC USD 1</td>
<td>70-300</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 70-300mm F/4 Di VC USD 2</td>
<td>70-300</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>100-400mm F4.5-6.3 Di VC USD 1</td>
<td>100-400</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 150-600mm F/5.6 Di VC USD 1</td>
<td>150-600</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
<tr>
<td>SP 150-600mm F/5.6 Di VC USD 2</td>
<td>150-600</td>
<td>75° 23’ - 60° 46’</td>
<td>18-13</td>
<td>27</td>
<td>1-5 9</td>
<td>220</td>
<td>Tripod clamp, Soft case</td>
</tr>
</tbody>
</table>

**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.
Link to the webpage containing the image of a document.