

TAMRON

LENS CATALOGUE





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 optical performance. Fast AF, precise VC image stabilization, 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.

Di series for DSLR cameras

- 17 SP 15-30mm F/2.8 Di VC USD G2 (Model A041)
- 16 17-35mm F/2.8-4 Di OSD (Model A037)
- 13 SP 24-70mm F/2.8 Di VC USD G2 (Model A032)
- 21 SP AF28-75mm F/2.8 XR Di (Model A09)
- 20 28-300mm F/3.5-6.3 Di VC PZD (Model A010)
- 14 35-150mm F/2.8-4 Di VC OSD (Model A043)
- 22 SP 70-200mm F/2.8 Di VC USD G2 (Model A025)
- 23 SP AF70-200mm F/2.8 Di (Model A001)
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- 26 SP 45mm F/1.8 Di VC USD (Model F013)
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Di II series for APS-C DSLR cameras

- 16 10-24mm F/3.5-4.5 Di II VC HLD (Model B023)
- 19 16-300mm F/3.5-6.3 Di II VC PZD MACRO (Model B016)
- 21 SP AF17-50mm F/2.8 XR Di II VC (Model B005)
- 21 SP AF17-50mm F/2.8 XR Di II (Model A16)
- 19 18-200mm F/3.5-6.3 Di II VC (Model B018)
- 19 18-270mm F/3.5-6.3 Di II VC PZD (Model B008TS)
- 18 18-400mm F/3.5-6.3 Di II VC HLD (Model B028)

Di III series for mirrorless interchangeable-lens cameras

- 20 14-150mm F/3.5-5.8 Di III (Model C001)
- 10 17-28mm F/2.8 Di III RXD (Model A046)
- 20 18-200mm F/3.5-6.3 Di III VC (Model B011)
- 12 28-75mm F/2.8 Di III RXD (Model A036)

Broadening the possibilities of photographic expression with
TAMRON LENS TECHNOLOGIES



Camera Compatibility

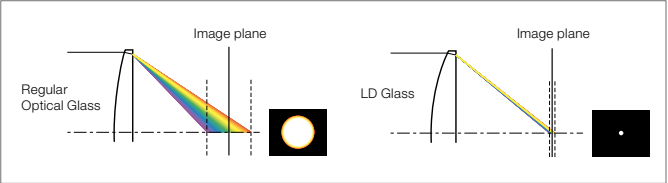
The designation Di (Digitally Integrated) refers to a lens developed specially for the exacting requirements of digital cameras. Please ensure when purchasing that the lens has the correct mount for your camera system.

- Di For full-frame and APS-C format DSLR cameras
- Di II For APS-C format DSLR cameras
- Di III For mirrorless interchangeable-lens cameras

Some models cannot be used with all mounts. You can find an overview on pages 30 to 31. Di lenses with built-in motors for Nikon and Di II lenses have no aperture ring.

LD (Low Dispersion) Glass for Greater Lens Sharpness

LD glass elements in a lens help reduce chromatic aberrations, the tendency of light of different colors to focus at different points on the image plane. Chromatic aberration reduces the sharpness of an image, but glass with an extremely low dispersion index has less of a tendency to separate (diffract) a ray of light into a rainbow of colors. This characteristic allows the lens designer to effectively compensate for chromatic aberration at the center of the field (on axis), a particular problem at long focal lengths (the telephoto end of the zoom range), and for lateral chromatic aberration (toward the edges of the field) that often occurs at short focal lengths (the wide-angle end of the zoom range).



The difference in chromatic aberration between normal optical glass and LD glass elements (schematic diagram)

XLD (eXtra Low Dispersion) Lens

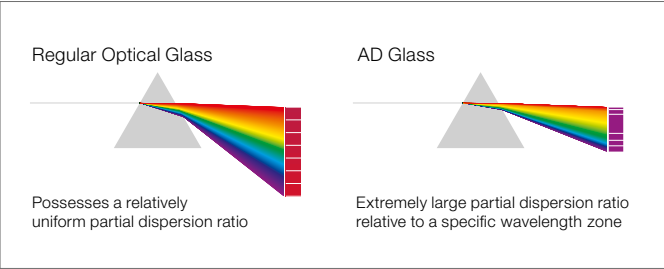
XLD lens elements made from specialized ultra-high-grade glass allow Tamron lens designers to achieve much greater control over chromatic aberration (color fringing) and magnification aberrations, the two major factors that inhibit image quality enhancement. In combination with LD elements, XLD elements are used to achieve sophisticated lenses that deliver the highest possible contrast, the finest detail, and superior imaging performance throughout the entire zoom range.

Superior Performance for Discriminating Shooters

The Tamron SP (Superior Performance) series is a line of ultra-high-performance lenses designed and manufactured to the exacting specifications demanded by professionals and others who require the highest possible image quality. In creating SP lenses, Tamron's optical designers put their foremost priority on achieving superior performance parameters—they are all designed to a higher standard with little regard for cost constraints. As a result, Tamron lenses bearing the SP designation feature impressive and innovative designs that have established an enviable reputation for excellence among those knowledgeable photographers that demand the very best.

AD (Anomalous Dispersion) for Better Color Correction

AD glass is a special type of optical glass that is used to achieve more precise control of chromatic aberrations, thereby enhancing overall imaging performance. Glass of this type provides an abnormally large partial dispersion ratio (amount of diffraction) for light of specific wavelength ranges (colors) within the visible spectrum. By combining AD glass having these special characteristics with elements made of normal glass having different dispersion characteristics, it is possible to control the dispersion factors of a specific wavelength. This enhanced level of control results in much lower levels of on-axis (central) chromatic aberration for telephoto lenses (or zooms used at telephoto settings) and a significant reduction of lateral (peripheral) chromatic aberration for wide-angle lenses (or zooms used at wide-angle settings).

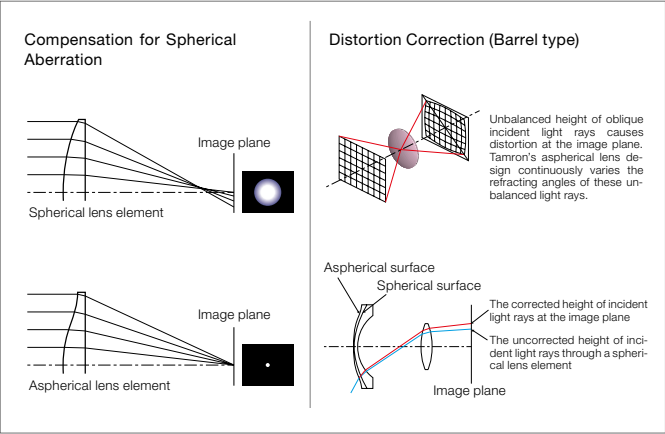


The difference in partial dispersion factors between normal optical glass and AD glass elements (schematic diagram)

Hybrid Aspherical Elements Provide the Ultimate in Image Quality and Compactness

ASL

Tamron uses several Hybrid Aspherical lens elements and other lenses bearing the aspherical designation. These innovative optics allow us to achieve the ultimate in image quality, and at the same time produce lenses that offer remarkable zoom ranges in extraordinarily compact packages. By perfecting these leading-edge advances for series production, Tamron has advanced the state of optical design and virtually eliminated spherical aberration and image distortion from the all-in-one zoom series. Through the effective application of Hybrid Aspherical Technology, one lens element can take the place of multiple elements without compromising performance. This is what allows us to produce remarkably compact long-range lenses that deliver a uniformly high level of image quality at all focal lengths and apertures.



Compensation effect with an aspherical lens element (schematic diagram)

Special Glass for Better Performance and More Compact Lens Designs

XR UXR

By minimizing the overall length of the optical system, Tamron has succeeded in drastically reducing lens diameter and reducing overall lens size for the same focal length and same maximum F-number. By utilizing XR (Extra Refractive Index) glass, Tamron has achieved a compact size together with good correction of aberrations while maintaining the optimum balance of overall optical power. Moreover, through the active utilization of UXR (Ultra-Extra Refractive Index) glass, Tamron has developed even more compact designs while achieving good correction of aberrations.

Principles enabling more compact sizes at the same lens brightness

XR glass, with its superior light-bending power, makes it possible to design a short-barrel lens with the same light-gathering ability (aperture value) as a long-barrel lens—even with a smaller lens diameter. By using this principle Tamron has been able to shorten the length of the entire optical system and produce lighter, more compact lenses of the same speed, and also to provide greater zoom ranges in lenses that are much more convenient to carry and hand-hold.

GM (Glass Molded Aspherical) Lens

GM

XGM (eXpanded Glass Molded Aspherical) Lens

XGM

The XGM lens element is capable of efficiently correcting aberrations in the angle of view that changes significantly with an ultra wide-angle zoom lens. It has an especially significant impact on minimizing distortion and enhancing the sharpness of the image at its periphery. Furthermore, the molded-glass manufacturing method allows the fabrication of a wider range of lens shapes than the composite aspherical lens method. Moreover, XGM also effectively controls aberrations and reduces total lens size.



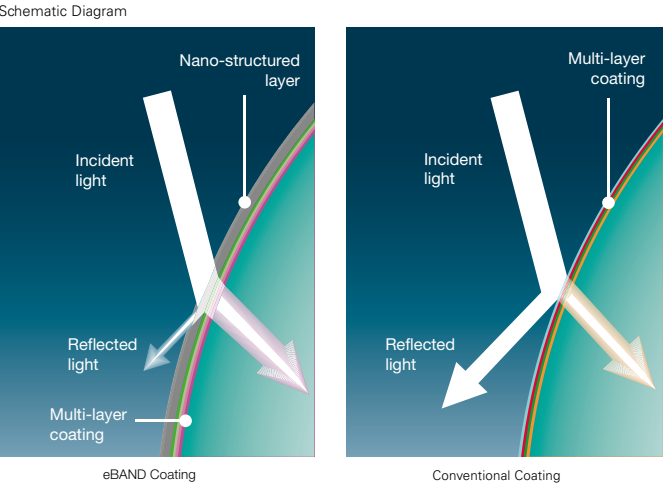
Legend - Optical construction (see lens designs in this brochure)

- ASL element
- LD element
- XLD element
- AD element
- XR element
- UXR element
- GM element
- XGM element

eBAND (Extended Bandwidth & Angular-Dependency) Coating

eBAND

This coating technique developed by Tamron deploys a nano-structured layer (1nm = 1/1,000,000mm) of ultra-low refractive index, with dimensions smaller than the wavelengths of visible rays of light. This nano-structured layer coupled with the sophisticated multiple layer coatings underneath, yields significant anti-reflection properties, efficiently reducing undesired flare and ghosting to an absolute minimum to deliver sharp, crisp images.



Lenses with eBAND Coating offer dramatically improved control over flare and ghosting even in extremely poor light conditions.

BBAR (Broad-Band Anti-Reflection) Coating

Tamron uses advanced multi-coating techniques to suppress reflections and light dispersion on lens element surfaces that result in reduced light transmission and may cause ghosting and flare images. The BBAR Coating technique also helps to provide the best possible color balance for vibrant and accurate color rendition. Tamron has developed an improved proprietary version of BBAR Coating that successfully increases light transmission in both longer and shorter wavelengths. Plus, SP 35mm F/1.4 (Model F045) applies newly-developed second-generation BBAR-G2 Coating, which provides vastly improved performance compared to the original coating. It corrects for ghosting and flare to an unprecedented extent, and renders fine subject detail with true clarity and stunning contrast even under backlit conditions.

AX (Anti-reflection eXpand) Coating

AX Coating

A revolutionary AX Coating is accomplished through Tamron's proprietary deposition technology that addresses the difficulty of applying uniformed coating using existing technology. Now the coating can be applied uniformly edge to edge, even if the convex surface has a strong curvature. As a result, the reflectance and color rendition at the peripheral part of the element is the same as the center. The new AX Coating, which is especially effective for wide-angle lenses that tend to let in harmful light from peripheral areas, effectively minimizes ghosting and provides outstanding uniform image clarity.

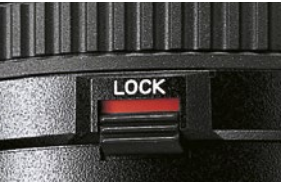


IF (Internal Focusing) System IF

IF provides numerous practical benefits to photographers including a non-rotating front filter ring that facilitates the positioning of polarizing and graduated filters, and more predictable handling because the lens length does not change during focusing. Even more important, Tamron's IF system provides a much closer MOD (Minimum Object Distance) throughout its entire focusing range. In addition, IF improves optical performance by minimizing illumination loss at the corners of the image field (vignetting), and helps to suppress other aberrations that become more troublesome at different focusing positions.

ZL (Zoom Lock) Feature ZL

Another original Tamron mechanical engineering concept is ZL, a simple convenience feature that prevents undesired extension (creep) of the lens barrel when carrying the camera/lens unit on a neck strap. This enhances responsiveness in the field and helps protect the lens.



FLEX ZOOM LOCK Mechanism

This mechanism quickly locks or unlocks the zoom at any position simply by sliding the zoom ring. Photographers can shoot from any angle without the zoom extending unintentionally.
*SP 150-600mm G2 (Model A022) exclusive

Multiple-Cam Zoom Mechanism for Smooth, Stable Zooming and Precise Focusing at All Focal Lengths

The manufacture of compact, high-quality, all-in-one zoom lenses became a reality only when Tamron perfected a lens chassis that permitted stable and smooth extension of the lens barrel. The "Multiple-Cam Zoom Mechanism" is an original Tamron design that incorporates several precision cams cut into a single cylindrical surface using high-tech automated machinery. This key component enables zoom lens barrels to be extended and retracted effortlessly, achieving commendably compact dimensions at the wide-angle settings, while holding precise extension at telephoto settings.

Integrated Focus Cam Design for Optimizing Internal Focusing

Tamron's Integrated Focus Cam is a precision mechanical component that optimizes the coordinated movement of the IF system with the Multiple-Cam Zoom Mechanism. This ingenious Focus Cam is designed to ensure seamless and precise positioning of all the highly sophisticated internal elements within the lens and coordinate them with the convenient external zoom and focus controls that comprise the user interface.

Engineering Plastics Technology

To insure the highest levels of performance and durability without adding additional weight, Tamron all-in-one zoom lenses make extensive use of engineering plastic materials in many critical mechanical components of the lens. Tamron has developed advanced proprietary methods for manufacturing these advanced polycarbonate materials to a very high degree of precision, and repeated tests have confirmed their long-lasting properties and dimensional stability under the toughest conditions. Indeed, polycarbonate of this caliber is the material of choice whenever we produce high-precision components that require the strength to withstand rigorous use.

Different Angles of View with Different Focal Lengths

Taken with a full-frame camera

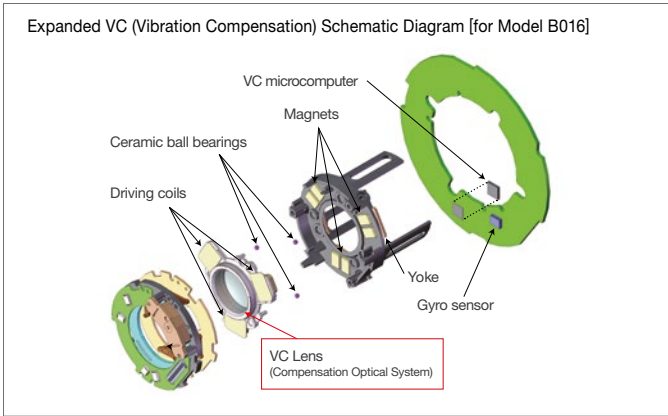
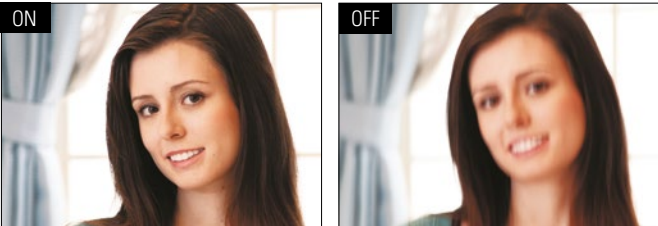
Taken with an APS-C size digital camera
*Tamron's conversion value is 1.55x



Introducing "VC" — Tamron's Unique Vibration Compensation Mechanism VC

Tamron's unique VC (Vibration Compensation) mechanism uses a proprietary actuator and algorithms to deliver an extremely stable viewfinder image with excellent tracking. The mechanism uses a three-coil system to electromagnetically drive the lens element that compensates for vibration, which glides smoothly on three balls with little friction. This simple mechanical structure is one of the secrets to Tamron's compact lenses.

Taken under the same conditions using a vibrating table



USD (Ultrasonic Silent Drive) USD

USD is an ingeniously upgraded AF drive system developed by Tamron to deliver the extraordinary autofocus speed and precision needed to capture every nuance of high-speed sports action, along with virtually noiseless operation as required for discreet picture taking. Based on advanced motor technology and newly developed software, it employs a piezoelectric ceramic element to generate two high-frequency ultrasonic vibrations on the motor's stator ring. This in turn causes the adjacent metallic rotor to rotate by means of deflective traveling waves when voltage of a specific frequency is applied. This advanced electronically controlled AF system is linked to a precision focusing helical that moves the lens to the precise focus point. The result: a remarkable new level of AF speed, accuracy, smoothness, and silence.

HLD (High/Low torque-modulated Drive) HLD

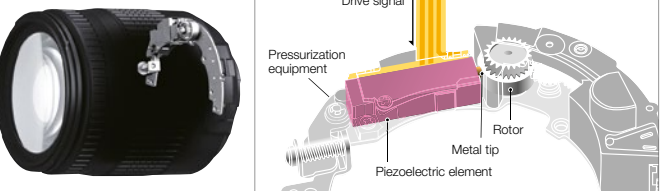
This energy-saving HLD motor generates outstanding drive torque, so focusing is precise and quiet. Because of its small size and arched shape, the HLD motor doesn't take up much space, which meant the lens could be designed to be even more compact.



PZD (Piezo Drive) PZD

An exclusive Tamron innovation, PZD is an advanced ultrasonic, AF motor based on the latest piezoelectric technology—the standing wave principle. It utilizes high-frequency voltage to turn a ceramic piezoelectric element with a swiveling motion, causing the metal tip at the rotor's contact point to rotate elliptically, thereby turning the rotor to focus the lens swiftly, silently, and with great precision. Standing wave ultrasonic motors like the one used in Tamron's innovative PZD have a number of advantages. They're smaller and lighter and also provide faster and quieter operation than DC motors for improved AF performance. Compared with their predecessors, their actuator system allows far greater flexibility in lens design, reducing the overall size and weight of the lens.

PZD Unit Diagram



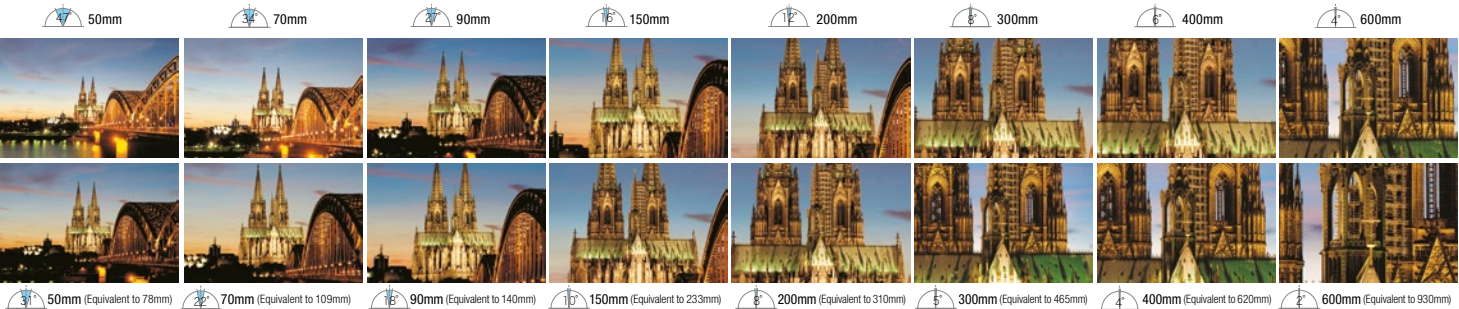
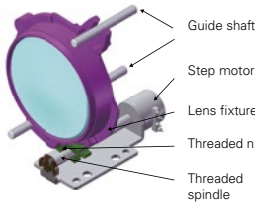
OSD (Optimized Silent Drive) OSD

OSD module allows silent focusing. This makes the lens ideal for situations in which absolute silence is needed during photography. The AF 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.



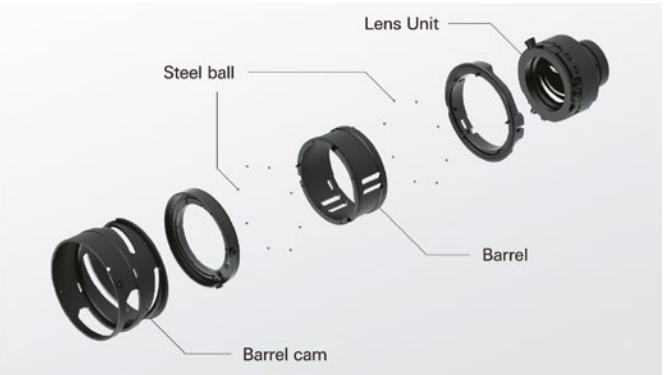
RXD (Rapid eXtra-silent stepping Drive) Motor RXD

RXD is a stepping motor 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 AF works so quietly that there is no interference in the video from focusing noise.



Dynamic Rolling-cam mechanism

Thanks to Tamron's developed Dynamic Rolling-cam mechanism, which operates the heavy focusing unit of the large aperture with high speed and accuracy, Tamron has succeeded in minimizing the drive load placed on the focus lens component. This breakthrough ensures stable AF operating performance and improves reliability even under the harsh shooting conditions of professional use, including high and low temperature extremes.



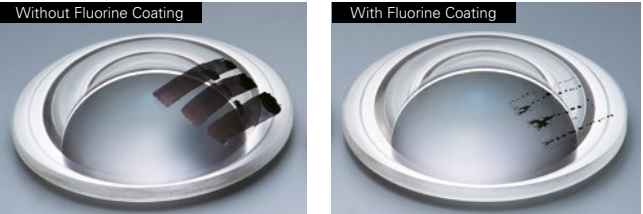
Dual MPU (Micro-Processing Unit) DMPU

This is a micro processing unit incorporating two different microchips. Two separate processor units mean that digital signals from the VC image stabilization and autofocus are processed separately at maximum speed. This means, for example, that commands from the camera and AF motor can be interpreted at lightning speed and implemented precisely.



Fluorine Coating FLR

Fluorine Coating 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.



Moisture-Proof and Dust-Resistant Construction MP+DR

Moisture-Proof and Dust-Resistant Construction has been improved to an exceptionally high standard in lens protection, preventing any intrusion of dirt, dust, or raindrops. A rubber seal protects each switch on the lens, and sealant material is applied to the mechanical interface between the focus ring and the lens housing. The construction further expands opportunities for shooting, ensuring reliability even in harsh, windy conditions and immediately after rainfall.

Moisture-Resistant Construction MR

For greater protection when shooting outdoors, leak-resistant seals throughout the lens barrel help protect your equipment.

Fixed focal

SP 35mm F/1.4 Di USD

NEW

Breathtaking sharpness - velvety, soft bokeh - uncompromised performance.
The culmination of our relentless obsession to deliver the ultimate image quality.

Conceived with elegance and crafted to perfection

Ultra-high quality where every shape is captured with perfect fidelity. The use of LD and GM lens elements almost completely eliminates any optical aberrations that could reduce image quality. As a result, this lens produces bokeh that blends in beautifully without introducing aberrant color in front of or behind the focal plane.

Stunning clarity and contrast

Newly developed BBAR-G2 Coating corrects for ghosting and flare to an unprecedented extent and renders fine subject detail with true clarity and stunning contrast.

Exceptionally reliable, fast and accurate AF

The AF drive is equipped with Tamron's proprietary USD motor.

Furthermore, Tamron's all-new Dynamic Rolling-cam mechanism operates the heavy focusing unit of the large F/1.4 aperture with unparalleled speed and accuracy. This innovation ensures stable AF performance and improves reliability even under the harsh shooting conditions of professional use, including high and low temperature extremes.

Ultimate optical performance



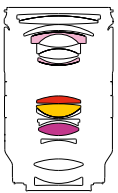
Focal length: 35mm · Exposure: F/1.4 at 1/800sec. · ISO: 100



To deliver a perfect image to people who love photography; that's our obsessive goal for all Tamron lenses. The SP 35mm F/1.4 (Model F045) is our most shining example. The exceptional image quality makes it worthy of being the lens that marks the milestone 40th anniversary of the SP Series. Uncompromising resolution combines with a velvety bokeh that gently blends away from the ultra-sharp focus area. Truly, the Model F045 is the distillation of all of the optical technologies and manufacturing know-how that Tamron has developed.

Di SP USD FLR MR LD GM IF

CANON EF NIKON F Model F045



Optical Construction : 14 elements in 10 groups
Filter Size : ø72mm
Length : 102.3mm (4in)
Weight : 805g (28.4oz)
Minimum Object Distance : 0.3m (11.8in)

SP 35mm · Focal length: 35mm · Exposure: F/1.4 at 1/500 sec. · ISO 100



Ultra wide-angle zoom

17-28mm F/2.8 Di III RXD

The 17-28mm F/2.8 gives life to a new range of creative choices.
Where large aperture (F/2.8) meets small filter size (ø67mm).

NEW

for Sony
full-frame mirrorless

Magnificent image quality without compromise

LD and XLD lens elements are precisely located to quash chromatic and other aberrations. In addition, the BBAR Coating effectively reduces ghosting and flare. Leveraging camera functions*, it provides excellent optical performance matching the latest high resolution image sensors throughout the entire zoom range.

Superior MOD empowers creativity

At the wide end, the MOD is just 0.19m with a max. magnification ratio of 1:5.2. At the tele end, the MOD is 0.26m with the max. magnification ratio is 1:6. You can easily get close for a powerful shot. Plus, you can produce soft expressions with a shallow depth of field by fully opening the aperture when shooting close to the subject.

High performance AF

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.

Superior close-up shooting performance



Focal length: 17mm · Exposure: F/2.8 at 1/100sec. · ISO: 400

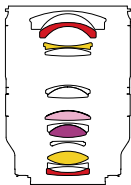
The 17-28mm F/2.8 (Model A046) is a large aperture ultra wide-angle zoom lens and provides unrivalled portability and superb image quality. The dramatic 17-28mm zoom range adds new dimensions to photographing landscapes, cityscapes, mountains, and scenic vistas. The combination of ultra wide-angle focal length, large constant F/2.8 aperture and an MOD of 0.19m at the wide end encourage richly expressive and creative photography in a multitude of scenarios. High performance, combined with exceptional portability, make the 17-28mm F/2.8 zoom ideal for daily use.

Di III RXD FLR MR LD XLD IF
SONY E Model A046

Exciting combo with Model A036



Versatile, exciting combination when paired with the 28-75mm F/2.8 (Model A036). ø67mm filters, lens caps and accessories are usable with both.



Optical Construction : 13 elements in 11 groups
Filter Size : ø67mm
Length : 99mm (3.9in)
Weight : 420g (14.8oz)
Minimum Object Distance : 0.19m (7.5in) [WIDE]
0.26m (10.2in) [TELE]

* When shooting with the camera's lens correction function enabled.



17-28mm · Focal length: 17mm · Exposure: F/4 at 1/1000 sec. · ISO: 100

Standard zoom

28-75mm · Focal length: 64mm · Exposure: F/2.8 at 1/250 sec. · ISO 100

SP 24-70mm G2 · Focal length: 24mm · Exposure: F/2.8 at 1/6 sec. · ISO 400



28-75mm F/2.8 Di III RXD

for Sony
full-frame mirrorless

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

The Model A036 is a fast standard zoom lens developed for mirrorless system cameras. It combines high image quality with attractive background bokeh. In addition, the 0.19m MOD lets you enjoy new forms of photographic expression with close-up shooting at the wide-angle end. The AF drive includes an extra-quiet stepping motor unit to help you stay focused on the action.

Di III RXD FLR MR ASL XLD LD IF

SONY E Model A036



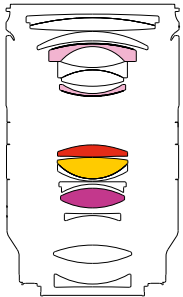
Get an MOD of 0.19m at a wide-angle setting
* Sample image of deformation effects by wide angle close-up shooting



Exciting combo with Model A046



Versatile, exciting combination when paired with the 17-28mm F/2.8 (Model A046)



Optical Construction : 15 elements in 12 groups
Filter Size : ø67mm
Length : 117.8mm (4.6in)
Weight : 550g (19.4oz)
Minimum Object Distance : 0.19m (7.5in) [WIDE]
0.39m (15.3in) [TELE]



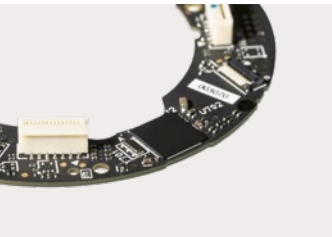
SP 24-70mm F/2.8 Di VC USD G2

Sophisticated design, outstanding performance and the best image quality
Your photography will be a dream with this standard zoom lens.

The latest generation of our fast-aperture standard zoom, with the most advanced features, built for professional requirements and the latest generation of high-resolution DSLR cameras. A lens for anyone who doesn't want to compromise on their equipment or image quality.

Di SP VC USD eBAND MR FLR ASL XR LD ZL IF DMPU

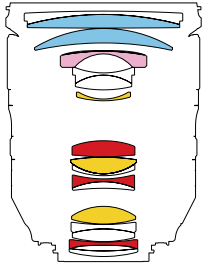
CANON EF NIKON F Model A032



The Dual MPU means digital signals from the VC image stabilization and USD autofocus are processed separately at high speed.



Tamron's eBAND and BBAR Coatings successfully and substantially curb the ghosting and flare that can occur when photographing backlit subjects.



Optical Construction : 17 elements in 12 groups
Filter Size : ø82mm
Length : 108.5mm (4.3in)
Weight : 900g (31.7oz)
Minimum Object Distance : 0.38m (15in)

35-150mm F/2.8-4 Di VC OSD

NEW

The Portrait Zoom arrives with endless possibilities.
This telephoto zoom lens extends photographic expression in unprecedented fashion.

High quality, flexibility and broad creative expression

The 35-150mm F/ 2.8-4 zoom is based on the new concept of allowing you to concentrate on a wide range of portrait compositions without the interruption of pausing to change lenses. Plus, the MOD of 0.45m across the entire zoom range adds new possibilities to portrait composition.

The great balance between high resolution and brilliant bokeh

A specialized optical formula, including LD and hybrid aspherical lens elements, thoroughly controls optical aberrations. Combining Tamron's many years of expertise in producing soft bokeh with the latest simulation technologies, the contrast between in-focus areas rendered accurately down to the fine details and backgrounds that gently blend into the scene produces a single high-quality image.

Dual MPU for fast and steady operation

This exciting zoom lens incorporates Tamron's Dual MPU system, which strikes the perfect balance between AF performance and effective vibration compensation. This ensures accurate focus even in scenes with continually moving subjects or under low-light conditions.



High resolution and brilliant bokeh accentuate any subjects



Focal length: 85mm · Exposure: F/3.5 at 1/60sec. · ISO: 100

The Model A043 covers a wide range of focal lengths from 35mm to 150mm, setting the focal length in the 85mm that is ideal for head and shoulder portraiture. Its optical performance tuned to accentuate the finest qualities of the subject combines clear image quality and soft bokeh at the highest level. Thanks to the new OSD technology, the AF is extra quiet. The precision and speed of focusing have also been significantly improved. This lightweight, compact and highly mobile lens provides the high quality optical performance and focal lengths necessary to make it not only the perfect portrait lens, but also an excellent travel lens ideal for landscapes, street photography, food and more.

- Di

VC

OSD

FLR

MR

LD

ASL
- IF

ZL

DMPU

CANON EF

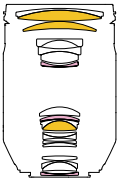
NIKON F
- Model A043



Perfect combo with Model A037



Perfect combo with the 17-35mm F/2.8-4 (Model A037), covering from 17mm wide to 150mm telephoto.



Optical Construction : 19 elements in 14 groups
Filter Size : ø77mm
Length : 124.3mm (4.9in)
Weight : 790g (27.9oz)
Minimum Object Distance : 0.45m (17.7in)



35-150mm · Focal length: 35mm · Exposure: F/2.8 at 1/1000 sec. · ISO 500



35-150mm · Focal length: 67mm · Exposure: F/8 at 13 sec. · ISO 100



17-35mm · Focal length: 17mm · Exposure: F/4 at 1/1000 sec. · ISO 200



SP 15-30mm G2 · Focal length: 30mm · Exposure: F/2.8 at 7.3 sec. · ISO 100



17-35mm F/2.8-4 Di OSD

With the total length of 90mm and a weight of 460g, the Model A037 is a lightweight and compact ultra wide-angle zoom lens. Four LD and two GM elements help largely correcting distortion and other optical aberrations. The lens casing is sealed against the weather, and the front lens is additionally protected with a Fluorine Coating. Also, the improved OSD allows quick, precise, and silent focusing.

Di

OSD

FLR

MR

LD

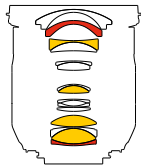
GM

IF

CANON EF

NIKON F

Model A037



Optical Construction : 15 elements in 10 groups
Filter Size : ø77mm
Length : 90.0mm (3.5in)
Weight : 460g (16.2oz)
Minimum Object Distance : 0.28m (11in)



10-24mm F/3.5-4.5 Di II VC HLD

This compact ultra wide-angle zoom lens for APS-C DSLR cameras covers the focal length from 10mm to 24mm (the 35mm equivalent of 16-37mm). With high image performance, it also includes state-of-the-art Tamron technology like VC image stabilization, a HLD, Fluorine Coating, and Moisture-Resistant Construction.

Di II

VC

HLD

FLR

MR

XLD

LD

ASL

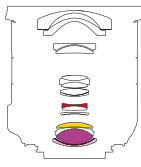
IF

DMPU

CANON EF

NIKON F

Model B023



Optical Construction : 16 elements in 11 groups
Filter Size : ø77mm
Length : 82.1mm (3.2in)
Weight : 440g (15.5oz)
Minimum Object Distance : 0.24m (9.4in)



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

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

The second generation 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

AX Coating

eBAND

FLR

MR

XGM

LD

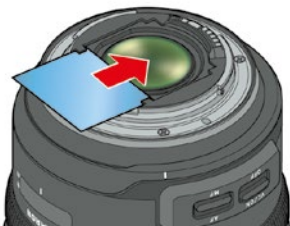
IF

DMPU

CANON EF

NIKON F

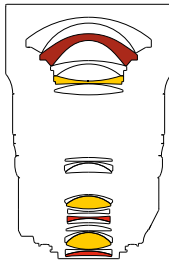
Model A041



A filter holder that allows you to attach gelatin filters to the rear side of the lens is included as a standard feature (for Canon EF-mount only).



Impressive high AF performance and image stabilization



Optical Construction : 18 elements in 13 groups
Filter Size : N/A
Length : 142.5mm (5.6in)
Weight : 1,100g (38.8oz)
Minimum Object Distance : 0.28m (11in)



18-400mm · Focal length: 400mm · Exposure: F/6.3 at 1/250 sec. · ISO 500



16-300mm · Focal length: 16mm · Exposure: F/8 at 1/1000 sec. · ISO 400



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

One moment, no limits. Discover new opportunities with the world’s first* 22.2x ultra-telephoto all-in-one zoom lens.

The Model B028 all-in-one zoom 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 121.4mm and a weight of just 705g.

Di II

VC

HLD

MR

IF

ZL

ASL

LD

CANON EF

NIKON F

Model B028

EISA AWARD

Best Product

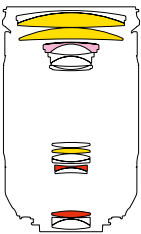
2017-2018

PHOTO INNOVATION

Tamron 18-400mm F3.5-6.3 Di II VC HLD

TIPA WORLD AWARDS

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



Optical Construction : 16 elements in 11 groups
Filter Size : ø72mm
Length : 121.4mm (4.8in)
Weight : 705g (24.9oz)
Minimum Object Distance : 0.45m (17.7in)



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

Tamron, the pioneer of all-in-one zooms with a track record of developing revolutionary lenses, introduces the ultimate all-in-one zoom lens. The lens covers a wide focal range from 16mm at the wide end to 300mm at the super-telephoto end while maintains a compact body size. The MOD of 0.39m also makes it ideal for macro photography.

Di II

VC

PZD

MR

XR

UXR

ASL

LD

IF

ZL

CANON EF

NIKON F

Model B016

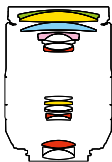
EISA AWARD

Best Product

2014-2015

DSLR ZOOM LENS

Tamron 16-300mm F3.5-6.3 Di II VC PZD



Optical Construction : 16 elements in 12 groups
Filter Size : ø67mm
Length : 99.5mm (3.9in)
Weight : 540g (19oz)
Minimum Object Distance : 0.39m (15.3in)



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

An all-in-one zoom lens covering the versatile 18-200mm focal range. The lightest weight in the world* has been achieved despite the built-in VC image stabilization, and with the latest optical design, the lens produces exceptional rendering performance.

* Among 18-200mm interchangeable lenses for APS-C DSLR cameras with O.I.S. (As of January 2018. Source: Tamron)

Di II

VC

MR

ASL

LD

IF

ZL

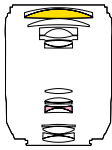
CANON EF

NIKON F

SONY A

Model B018

TIPA WORLD AWARDS



Optical Construction : 16 elements in 14 groups
Filter Size : ø62mm
Length : 94.1mm (3.7in)
Weight : 400g (14.1oz)
Minimum Object Distance : 0.49m - 0.77m (19.3in - 30.3in)



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

This all-in-one zoom lens covers a wide focal range from 18mm at the wide end to 270mm at the telephoto end, and produces sharp and clear image quality. Tamron's VC image stabilization reduces image blur caused by camera shake to deliver sharp images even when shooting handheld in low-light or at the telephoto end.

Di II

VC

PZD

FLR

ASL

LD

AD

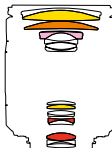
IF

ZL

CANON EF

NIKON F

Model B008TS



Optical Construction : 16 elements in 13 groups
Filter Size : ø62mm
Length : 88mm (3.5in)
Weight : 450g (15.9oz)
Minimum Object Distance : 0.49m (19.3in)

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



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



SP AF17-50mm · Focal length: 35mm · Exposure: F/2.8 at 1/2000 sec. · ISO 200

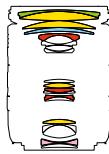


28-300mm F/3.5-6.3 Di VC PZD

With the use of specialized glass elements including molded-glass aspherical lenses, high rendering performance has been achieved while reducing lens size. The VC image stabilization corrects for camera shake that tends to occur under low-light conditions and at the telephoto end, enabling comfortable hand-held shooting.

Di VC PZD MR XR UXR ASL LD IF ZL

CANON EF NIKON F Model A010



Optical Construction : 19 elements in 15 groups
Filter Size : ø67mm
Length : 96mm (3.8in)
Weight : 540g (19oz)
Minimum Object Distance : 0.49m (19.3in)

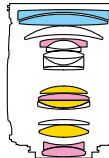


SP AF28-75mm F/2.8 XR Di LD Aspherical [IF] MACRO

A fast standard zoom lens delivers high image quality, balancing a compact form with the exceptional image performance that comes from ensuring uniform light intensity across the entire frame and a constant F/2.8 aperture.

Di SP XR ASL LD IF ZL

CANON EF NIKON F Model A09



Optical Construction : 16 elements in 14 groups
Filter Size : ø67mm
Length : 92mm (3.6in)
Weight : 510g (18oz)
Minimum Object Distance : 0.33m (13in)



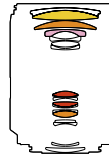
14-150mm F/3.5-5.8 Di III

for Micro FourThirds System

This lens incorporates molded-glass aspherical elements, LD and other specialized glass elements for excellent correction of different aberrations to achieve stellar imaging performance.

* This lens cannot be used with digital SLR cameras with a built-in mirror box or with 35mm film SLR cameras.
* This product conforms to the "Micro FourThirds System Standard" established by Olympus Imaging Corporation and Panasonic Corporation. Micro FourThirds™ and the Micro Four Thirds logo marks are trademarks or registered trademarks of Olympus Imaging Corporation, in Japan, the United States, the European Union, and other countries. The company names and product names in this document are the trademarks or registered trademarks of their respective owners.

Di III RXD ASL LD AD ZL MICRO FOUR THIRDS Model C001



Optical Construction : 17 elements in 13 groups
Filter Size : ø52mm
Length : 80.4mm (3.2in)
Weight : 265g (10.1oz)
Minimum Object Distance : 0.5m (19.7in)

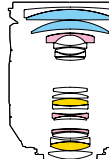


SP AF17-50mm F/2.8 XR Di II VC LD Aspherical [IF]

Enjoy wielding a high-quality, high-performance fast standard zoom lens with a constant F/2.8 aperture equipped with VC image stabilization. Unleash your photographic freedom with the ability to easily shoot hand-held, even in low-light.

Di II SP XR ASL LD IF ZL

CANON EF NIKON F Model B005



Optical Construction : 19 elements in 14 groups
Filter Size : ø72mm
Length : 94.5mm (3.7in)
Weight : 570g (20.1oz)
Minimum Object Distance : 0.23m (11.4in)



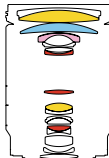
18-200mm F/3.5-6.3 Di III VC

for mirrorless interchangeable-lens cameras (APS-C format): Canon, Sony

This all-in-one-zoom lens incorporates the VC image stabilization and a low-noise stepping motor for autofocus mechanism. Enjoy a more comfortable video shooting experience, with expanded shooting options.

* This lens cannot be used with digital SLR cameras with a built-in mirror box or with 35mm film SLR cameras.
* The Sony version of this model complies with the E-mount specifications. It has been developed after disclosure of the basic specifications of the E-mount from Sony Corporation.

Di III RXD VC XR ASL LD IF ZL CANON EF-M SONY E Model B011



Optical Construction : 17 elements in 13 groups
Filter Size : ø62mm
Length : 96.7mm (3.8in)
Weight : 460g (16.2oz)
Minimum Object Distance : 0.5m (19.7in)

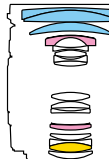


SP AF17-50mm F/2.8 XR Di II LD Aspherical [IF]

An extremely compact fast standard zoom lens that combines astounding image quality with superior versatility and cost effectiveness. Enjoy the beautiful rendering of scenes unique to a constant F/2.8 aperture lens.

Di II SP XR ASL LD IF ZL

CANON EF NIKON F SONY A PENTAX Model A16



Optical Construction : 16 elements in 13 groups
Filter Size : ø67mm
Length : 83.2mm (3.3in)
Weight : 440g (15.5oz)
Minimum Object Distance : 0.27m (10.6in)



70-210mm · Focal length: 165mm · Exposure: F/4 at 1/4000 sec. · ISO 160



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

The SP 70-200mm F/2.8 G2 (Model A025) telephoto zoom lens reimagines the highly acclaimed Model A009 with enhanced optical performance, improved VC, faster AF speed and accuracy, and shortened MOD of 0.95m for greater flexibility. What’s more, compatibility with optional Tamron tele converters provides additional focal length.

Di

SP

VC

USD

eBAND

MP+DR

FLR

XLD

LD

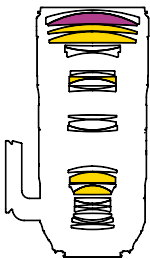
IF

DMPU

CANON EF

NIKON F

Model A025



Optical Construction : 23 elements in 17 groups
Filter Size : ø77mm
Length : 191.3mm (7.5in)
Weight : 1,485g (52.4oz)
Minimum Object Distance : 0.95m (37.4in)



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 the excellent optical 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

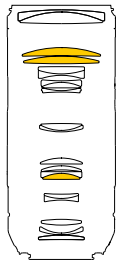
IF

DMPU

CANON EF

NIKON F

Model A034



Optical Construction : 20 elements in 14 groups
Filter Size : ø67mm
Length : 174mm (6.8in)
Weight : 850g (30oz)
Minimum Object Distance : 0.95m (37.4in)



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

This lens is developed by substantially enhancing the features of the popular SP 70-300mm F/4-5.6 Di VC USD (Model A005). With the external design completely revamped, a Fluorine Coating with outstanding durability is applied to the front element surface of the lens. Improvements have also been achieved in AF speed and responsiveness and VC image stabilization functions.

Di

SP

VC

USD

FLR

LD

XLD

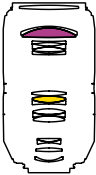
IF

DMPU

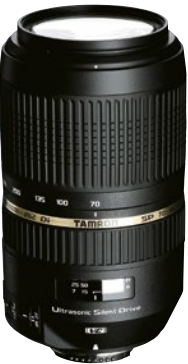
CANON EF

NIKON F

Model A030



Optical Construction : 17 elements in 12 groups
Filter Size : ø62mm
Length : 142.7mm (5.6in)
Weight : 765g (27oz)
Minimum Object Distance : 1.5m (59in)



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 stabilization and USD autofocus, 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

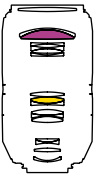
IF

CANON EF

NIKON F

SONY A

Model A005



Optical Construction : 17 elements in 12 groups
Filter Size : ø62mm
Length : 142.7mm (5.6in)
Weight : 765g (27oz)
Minimum Object Distance : 1.5m (59in)



AF70-300mm 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 0.95m away.

Di

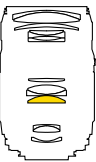
LD

CANON EF

NIKON F

SONY A

Model A17



Optical Construction : 13 elements in 9 groups
Filter Size : ø62mm
Length : 116.5mm (4.6in)
Weight : 458g (16.2oz)
Minimum Object Distance : 1.5m (59in)
0.95m (37.4in)/ Macro



SP AF70-200mm 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 MOD of just 0.95m means you can take close-up shots with a magnification of 1:3.1.

Di

SP

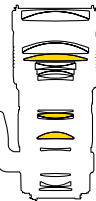
LD

IF

CANON EF

NIKON F

Model A001



Optical Construction : 18 elements in 13 groups
Filter Size : ø77mm
Length : 194.3mm (7.6in)
Weight : 1,320g (46.6oz)
Minimum Object Distance : 0.95m (37.4in)



100-400mm · Focal length: 400mm · Exposure: F/11 at 1/160 sec. · ISO 100



SP 150-600mm G2 · Focal length: 600mm · Exposure: F/6.3 at 1/200 sec. · ISO 200



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

Extremely portable, with a highly responsive AF.
Now you can seize the moment with lasting effect.

The Tamron 100-400mm F/4.5-6.3 (Model A035) is a highly portable, ultra-telephoto zoom lens with AF precision for shooting instantaneous movement with the utmost clarity. With this effectively positioned, LD lens element, aberrations typical with many telephoto lenses are a thing of the past. Tamron's proprietary eBAND Coating suppresses reflections, yielding vivid images of amazing clarity.

Di VC USD eBAND MR FLR LD IF ZL DMPU

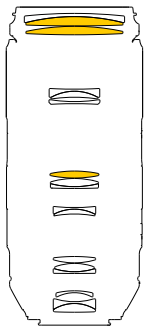
CANON EF NIKON F Model A035



Excellent AF performance meets enhanced VC.



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



Optical Construction : 17 elements in 11 groups
Filter Size : ø67mm
Length : 196.5mm (7.7in)
Weight : 1,115g (39.3oz)
Minimum Object Distance : 1.5m (59in)

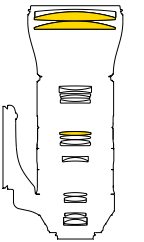


SP 150-600mm F/5-6.3 Di VC USD G2

The ultra-telephoto zoom lens means you are never too far away to get a great close-up of your subject. The second generation of the Model A022 has a first-class optical performance, and the AF and VC image stabilization 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 EF NIKON F SONY A Model A022



Optical Construction : 21 elements in 13 groups
Filter Size : ø95mm
Length : 257.7mm (10.1in)
Weight : 1,990g (70.2oz)
Minimum Object Distance : 2.2m (86.6in)

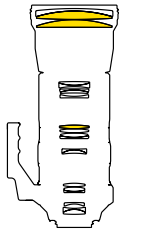


SP 150-600mm F/5-6.3 Di VC USD

The VC image stabilization and USD motor will help you to take sharp photos of fast-moving and far-away subjects without a tripod. With a Full-time Manual Focusing mechanism, you can use manual focus to make fine focus adjustments.

Di SP VC USD eBAND MR LD IF ZL

CANON EF NIKON F Model A011



Optical Construction : 20 elements in 13 groups
Filter Size : ø95mm
Length : 257.8mm (10.1in)
Weight : 1,951g (88.8oz)
Minimum Object Distance : 2.7m (106.3in)



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

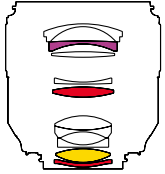


SP 35mm F/1.8 Di VC USD

A fast-aperture 35mm is extremely high-quality prime lens, with the built-in VC image stabilization and USD motor. Thanks to the world's shortest* MOD in this lens class, at 0.2m, 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 Coating.

Di SP VC USD eBAND MR FLR LD XLD CANON EF NIKON F SONY A Model F012

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



Optical Construction : 10 elements in 9 groups
Filter Size : ø67mm
Length : 78.3mm (3.1in)
Weight : 450g (15.9oz)
Minimum Object Distance : 0.2m (7.9in)

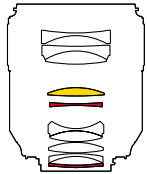


SP 45mm F/1.8 Di VC USD

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 stabilization, and the first lens of its class** with a MOD of just 0.29m. Like all models in the SP series, it also has exceptionally high built quality.

Di SP VC USD eBAND MR FLR LD CANON EF NIKON F SONY A Model F013

* As of July 2015, Source: Tamron
** In comparison with current 45mm and 50mm prime lenses for DSLR with full-format sensors (As of July 2015: Tamron)



Optical Construction : 10 elements in 8 groups
Filter Size : ø67mm
Length : 89.2mm (3.5in)
Weight : 520g (18.3oz)
Minimum Object Distance : 0.29m (11.4in)

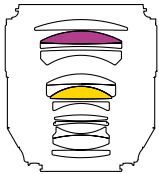


SP 85mm F/1.8 Di VC USD

This fast-aperture compact prime lens is ideally suited for demanding portrait shots with natural-looking proportions and colors. It is the first* 85mm F/1.8 lens in the world with integrated image stabilization. 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 CANON EF NIKON F Model F016

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



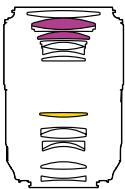
Optical Construction : 13 elements in 9 groups
Filter Size : ø67mm
Length : 88.8mm (3.5in)
Weight : 660g (23.3oz)
Minimum Object Distance : 0.8m (31.5in)



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

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 stabilization is supported by XY-Shift compensation, which dramatically widens the range of applications. The housing is also protected against damp and dust, while Fluorine Coating makes cleaning the lens a breeze.

Di SP VC USD eBAND MP+DR FLR LD XLD CANON EF NIKON F SONY A Model F017



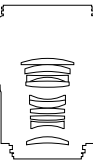
Optical Construction : 14 elements in 11 groups
Filter Size : ø62mm
Length : 114.6mm (4.5in)
Weight : 600g (21.2oz)
Minimum Object Distance : 0.3m (11.8in)



SP AF90mm 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 construction includes 10 elements in 9 groups, making for excellent imaging performance. The MOD is just 0.29m, so you can photograph even small objects at an image ratio of 1:1.

Di SP CANON EF NIKON F SONY A PENTAX Model 272E



Optical Construction : 10 elements in 9 groups
Filter Size : ø65mm
Length : 97mm (3.8in)
Weight : 400g (14.1oz)
Minimum Object Distance : 0.29m (11.4in)

Lens	TAP-in-Console (optional)	Telecon- verter (optional)	Tripod mount (optional)	Tripod mount (included)
10-24mm F/3.5-4.5 Di II VC HLD	•			
SP 15-30mm F/2.8 Di 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	•			
35-150mm F/2.8-4 Di VC OSD	•			
SP 70-200mm F/2.8 Di VC USD G2	•	•		•
SP AF70-200mm F/2.8 Di LD [IF] MACRO				•
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 G2	•	•		•
SP 150-600mm F/5-6.3 Di VC USD			• (Long ver.)	•
SP 35mm F/1.4 Di USD	•			
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	•			



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, optimization of the manual focus function and calibration of the VC image stabilization.

CANON EF NIKON F SONY A

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.

CANON EF NIKON F

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



Tripod mount

A new textured grip and ARCA-SWISS compatible tripod interface enhance both speed and utility. And because the tripod mount is made of lightweight magnesium, it is much easier to carry.

*SP AF70-200mm (Model A001) and SP 150-600mm (Model A011) are not ARCA-SWISS compatible.



Lens Specifications

	PAGE	MODEL	FOCAL LENGTH (mm)	ANGLE OF VIEW (diagonal) () = values for cameras with APS-C sensor	MAXIMUM APERTURE	MINIMUM APERTURE	APERTURE BLADES ²	OPTICAL CONSTRUCTION Elements/groups	MINIMUM OBJECT DISTANCE m (in.)	MAX. MAG. RATIO	FILTER SIZE (mm)	WEIGHT ⁴ g (oz.)	DIAMETER × LENGTH ⁵ mm (in.)	CANON DSLR	NIKON DSLR	SONY DSLR	PENTAX DSLR	MFT (Micro Four Thirds)	MIRRORLESS SYSTEM CAMERAS (DSLM)	LENS HOODS	NOTES
Di For full-frame and APS-C format DSLR cameras																					
SP 15-30mm F/2.8 Di VC USD G2	17	A041	15–30	110°32' - 71°35' (85°52' - 49°54')	2.8	22	9 circular diaphragm	18-13	0.28 (11) ³	1:5	N/A	1,100 (38.8)	98.4 × 142.5 (5.6)	●	●					N/A	The lens hood is permanently connected to the lens Included: Lens pouch - Optional: TAP-in Console
17-35mm F/2.8-4 Di OSD	16	A037	17-35	103°41'–63°26' (78°48'–43°29')	2.8-4	16-22	7 circular diaphragm	15-10	0.28 (11) ³	1:4.9	77	460 (16.2)	83.6 × 90 (3.5)	●	●					●HB023	Optional: TAP-in Console
SP 24-70mm F/2.8 Di VC USD G2	13	A032	24-70	84°04'–34°21' (60°20'–22°22')	2.8	22	9 circular diaphragm	17-12	0.38 (15) ³	1:5	82	900 (31.7)	88.4 × 108.5 (4.3)	●	●					●HA032	Included: Lens pouch Optional: TAP-in Console
SP AF 28–75mm F/2.8 XR Di LD Aspherical [IF] MACRO	21	A09	28-75	75°23'–32°11' (52°58'–21°4')	2.8	32	7	16-14	0.33 (13) ³	1:3.9	67	510 (18)	73 × 92.0 (3.6)	●	●					●DA09	
28–300mm F/3.5-6.3 Di VC PZD	20	A010	28-300	75°23'–8°15' (52°58'–5°20')	3.5-6.3	22-40	7 circular diaphragm	19-15	0.49 (19.3) ³	1:3.5	67	540 (19)	74.4 × 96.0 (3.8)	●	●					●HA010	
35-150mm F/2.8-4 Di VC OSD NEW	14	A043	35-150	63°26'–16°25' (43°29'–10°38')	2.8-4	16-22	9 circular diaphragm	19-14	0.45 (17.7) ³	1:3.7	77	790 (27.9)	84×124.3 (4.9)	●	●					●HA043	Optional: TAP-in Console
SP 70-200mm F/2.8 Di VC USD G2	22	A025	70-200	34°21'–12°21' (22°33'–7°59')	2.8	22	9 circular diaphragm	23-17	0.95 (37.4) ³	1:6.1	77	1,485 (52.4)	88 × 191.3 (7.5)	●	●					●HA025	Included: Lens pouch, tripod mount Optional: 1.4x/2.0x teleconverter, TAP-in Console
SP AF 70–200mm F/2.8 Di LD [IF] MACRO	23	A001	70-200	34°21'–12°21' (22°33'–7°59')	2.8	32	9	18-13	0.95 (37.4) ³	1:3.1	77	1,320 (46.6)	89.5 × 194.3 (7.6)	●	●					●HA001	Included: Lens case, tripod mount
70-210mm F/4 Di VC USD	22	A034	70-210	34°21'–11°46' (23°–7°46')	4	32	9 circular diaphragm	20-14	0.95 (37.4) ³	1:3.1	67	850 (30)	76 × 174 (6.8)	●	●					●HA034	Optional: 1.4x/2.0x teleconverter, tripod mount, TAP-in Console
SP 70-300mm F/4-5.6 Di VC USD	23	A030	70-300	34°21'–8°15' (22°33'–5°20')	4-5.6	32-45	9 circular diaphragm	17-12	1.5 (59) ³	1:4	62	765 (27)	82.2 × 142.7 (5.6)	●	●					●HA005	
SP 70–300mm F/4-5.6 Di VC USD ¹	23	A005	70-300	34°21'–8°15' (22°33'–5°20')	4-5.6	32-45	9	17-12	1.5 (59) ³	1:4	62	765 (27)	81.5 × 142.7 (5.6)	●	●	●				●HA005	
AF 70–300mm F/4-5.6 Di LD MACRO	23	A17	70-300	34°21'–8°15' (22°33'–5°20')	4-5.6	32-45	9	13-9	1.5 (59) 0.95 (37.4) / Macro	1:2	62	458 (16.2)	76.6 × 116.5 (4.6)	●	●	●				○DA17	
100-400mm F/4.5-6.3 Di VC USD	24	A035	100-400	24°24'–6°12' (15°54'–4°01')	4.5-6.3	32-45	9 circular diaphragm	17-11	1.5 (59) ³	1:3.6	67	1,115 (39.3)	86.2 × 196.5 (7.7)	●	●					○HA035	Optional: 1.4x/2.0x teleconverter, tripod mount, TAP-in Console
SP 150–600mm F/5-6.3 Di VC USD G2 ¹	25	A022	150-600	16°25'–4°8' (10°38'–2°40')	5-6.3	32-40	9 circular diaphragm	21-13	2.2 (86.6) ³	1:3.9	95	1,990 (70.2)	108.4 × 257.7 (10.1)	●	●	●				○HA022	Included: Lens pouch, tripod mount Optional: 1.4x/2.0x teleconverter, TAP-in Console
SP 150-600mm F/5-6.3 Di VC USD	25	A011	150-600	16°25'–4°8' (10°38'–2°40')	5-6.3	32-40	9 circular diaphragm	20-13	2.7 (106.3) ³	1:5	95	1,951 (68.8)	105.6 × 257.8 (10.1)	●	●					○HA011	Included: Tripod mount Optional: Lens case, tripod mount (long ver.)
SP 35mm F/1.4 Di USD NEW	8	F045	35	63°26' (43°29')	1.4	16	9 circular diaphragm	14-10	0.3 (11.8)	1:5	72	805 (28.4)	80.9×102.3 (4)	●	●					●HF045	Included: Lens pouch Optional: TAP-in Console
SP 35mm F/1.8 Di VC USD ¹	26	F012	35	63°26' (43°29')	1.8	16	9 circular diaphragm	10-9	0.2 (7.9)	1:2.5	67	450 (15.9)	80.4 × 78.3 (3.1)	●	●	●				●HF012	Optional: TAP-in Console
SP 45mm F/1.8 Di VC USD ¹	26	F013	45	51°21' (34°28')	1.8	16	9 circular diaphragm	10-8	0.29 (11.4)	1:3.4	67	520 (18.3)	80.4 × 89.2 (3.5)	●	●	●				●HF013	Optional: TAP-in Console
SP 85mm F/1.8 Di VC USD	26	F016	85	28°33' (18°39')	1.8	16	9 circular diaphragm	13-9	0.8 (31.5)	1:7.2	67	660 (23.3)	84.8 × 88.8 (3.5)	●	●					○HF016	Optional: TAP-in Console
SP 90mm F/2.8 Di MACRO 1:1 VC USD ¹	27	F017	90	27°2' (17°37')	2.8	32	9 circular diaphragm	14-11	0.3 (11.8)	1:1	62	600 (21.2)	79 × 114.6 (4.5)	●	●	●				○HF017	Optional: TAP-in Console
SP AF90mm F/2.8 Di MACRO 1:1	27	272E	90	27°2' (17°37')	2.8	32	9	10-9	0.29 (11.4)	1:1	55	400 (14.1)	71.5 × 97.0 (3.8)	●	●	●	●			○2C9FH	Included: Lens case
Di II For APS-C format DSLR cameras																					
10-24mm F/3.5-4.5 Di II VC HLD	16	B023	10-24	108°44'–60°20'	3.5-4.5	22-29	7 circular diaphragm	16-11	0.24 (9.4) ³	1:5.3	77	440 (15.5)	83.6 × 82.1 (3.2)	●	●					●HB023	Optional: TAP-in Console
16-300mm F/3.5-6.3 Di II VC PZD MACRO	19	B016	16-300	82°12'–5°20'	3.5-6.3	22-40	7 circular diaphragm	16-12	0.39 (15.3) ³	1:2.9	67	540 (19)	75 × 99.5 (3.9)	●	●					●HB016	
SP AF17–50mm F/2.8 XR Di II VC LD Aspherical [IF]	21	B005	17-50	78°45'–31°11'	2.8	32	7	19-14	0.29 (11.4) ³	1:4.8	72	570 (20.1)	79.6 × 94.5 (3.7)	●	●					●AB003	
SP AF17–50mm F/2.8 XR Di II LD Aspherical [IF]	21	A16	17-50	78°45'–31°11'	2.8	32	7	16-13	0.27 (10.6) ³	1:4.5	67	440 (15.5)	73.8 × 83.2 (3.3)	●	●	●	●			●DA09	
18-200mm F/3.5-6.3 Di II VC ¹	19	B018	18-200	75°33'–7°59'	3.5-6.3	22-40	7 circular diaphragm	16-14	0.49-0.77 (19.3-30.3)	1:4	62	400 (14.1)	75 × 94.1 (3.7)	●	●	●				●HB018	
18-270mm F/3.5-6.3 Di II VC PZD	19	B008TS	18-270	75°33'–5°55'	3.5-6.3	22-40	7	16-13	0.49 (19.3) ³	1:3.8	62	450 (15.9)	74.4 × 88.0 (3.5)	●	●					●DA018	
18-400mm F/3.5-6.3 Di II VC HLD	18	B028	18-400	75°33'–4°	3.5-6.3	22-40	7 circular diaphragm	16-11	0.45 (17.7) ³	1:2.9	72	705 (24.9)	79 × 121.4 (4.8)	●	●					●HB028	Optional: TAP-in Console
Di III For mirrorless interchangeable-lens cameras																					
14-150mm F/3.5-5.8 Di III	20	C001	14-150	75°22'–8°15' [*]	3.5-5.8	22	7 circular diaphragm	17-13	0.5 (19.7) ³	1:3.8	52	285 (10.1)	63.5 × 80.4 (3.2)					●		●HC001	Available in two color variations: Black and Silver [*] Angle of view for aspect ratio 4:3
17-28mm F/2.8 Di III RXD NEW	10	A046	17-28	103°41'–75°23' (79°55'–53°55')	2.8	22	9 circular diaphragm	13-11	0.19-0.26 (7.5-10.2)	1:5.2 (WIDE) 1:6 (TELE)	67	420 (14.8)	73×99 (3.9)						Sony: ●	●HA046	for Sony E-mount with full-format sensors
18–200mm F/3.5–6.3 Di III VC	20	B011	18-200	75°33'–7°59'	3.5-6.3	22-40	7	17-13	0.5 (19.7) ³	1:3.7	62	460 (16.2)**	68 × 96.7 (3.8)**						Canon: ● Sony: ●	●HB011	For mirrorless APS-C system cameras from Canon and Sony; available in two colour variations: 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	12	A036	28-75	75°23'–32°11' (52°58'–21°05')	2.8	22	9 circular diaphragm	15-12	0.19-0.39 (7.5-15.3)	1:2.9 (WIDE) 1:4 (TELE)	67	550 (19.4)	73 × 117.8 (4.6)						Sony: ●	●HA036	for Sony E-mount with full-format sensors

Notes

The use of certain Di and Di II lenses with mirrorless cameras is available via the manufacturer’s adapter depending on the lens model. Please visit Tamron’s support website for details: <https://www.tamron.jp/en/support/>

- 1 ^{[SONY[™]]} The Sony mounts (A005, A022, B018, F012, F013, F017) are supplied without VC image stabilization, as Sony’s digital single lens reflex cameras are already fitted with an internal image stabilization. As a consequence, the abbreviation “VC” is missing in these lens designations.
- 2 This circular diaphragm retains a nearly circular shape even at two stops down from its maximum aperture.
- 3 Minimum Object Distance over the entire range of focal lengths.
- 4 Weight including the removable tripod mount ring. Unless otherwise indicated, the information applies to the model with the Nikon mount.

- 5 Length is the distance from the front tip of the lens to the lens mount face. The weight and diameter x length values, excluding C001, B011, A036, and A046 apply to the model with the Nikon mount.

Notes on model B011

When using the AFC 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. Even 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 (AFC) 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 followings 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

- indicates a flower-shaped hood
- indicates a round-shaped hood

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 minimizes the risk of dispersion and ghost images on the inside of the lens harming the quality of the image. On lenses with IF (Internal Focusing), the lens hood is somewhat longer and is tulip-shaped, preventing shadowing in the corners of the picture.

■ Photographic Lenses

Interchangeable lenses broaden photographic expression. Tamron employs its advanced technological capabilities to develop lenses with creative specifications, superior rendering capabilities and designs that are compact, lightweight and easy to operate. Among these offerings, our all-in-one zoom lenses that cover a wide range of focal length from wide angle to telephoto in one lens, and our highest-grade SP (Superior Performance) series have won numerous prestigious awards and earned an excellent reputation among photographers and photography enthusiasts around the world.

■ Surveillance Camera Lenses / FA and Machine Vision Lenses

Tamron has continued to develop surveillance camera lenses to meet the precise needs of the market, evidenced by its pioneering development of vari-focal lenses in the industry. We also develop and manufacture lenses for Machine Vision cameras used in the industrial sector.

■ Drone Lenses

With the drone market undergoing rapid growth, there is a heightened need for high-performance drones equipped with all manner of functionality in addition to conventional aerial photography applications. Tamron develops and supplies aerial photography lenses as consumer drone lenses, as well as lenses for cinema use. Tamron is also looking to supply industrial drone lenses expected to be in higher demand moving forward.

■ Camera Module

In addition to lenses, Tamron utilizes the technologies and know-how, which has amassed in the security market, to develop Ultra-Compact Camera Module equipped with a revolutionary optical VC (Vibration Compensation) mechanism. Despite being fitted with damping technologies to control vibrations during recording, they are surprisingly compact and lightweight.

■ Camcorder Lenses / Digital Still Camera Lenses

Leveraging technologies and expertise cultivated over many years together with leading-edge technologies, Tamron develops and supplies optical lens units that support image sensors with increasingly high pixel counts.

■ Automotive Camera Lenses

As lawmakers enact tighter laws and regulations to ensure automotive safety and manufacturers continue to equip vehicles with advanced driving assistance systems (ADAS), vehicle-mounted cameras have become increasingly common not only for enhancing visibility but also providing sensing features, resulting in the increased importance of high-performance lenses.

■ Optical Device Units

Tamron has developed a range of high-precision lens components. The lineup includes various aspherical lens elements, thin film-coating products using special multilayer films, and ultra-high precision test plates that can quickly and accurately verify the profile irregularity of lens surfaces.

■ High-precision Plastic Injection Molds

To better meet diversifying market needs and speedily develop and manufacture excellent products, Tamron maintains plants for the design and production of plastic molds. The plants manufacture molds for all kinds of precision equipment and optical-equipments parts.

TAMRON

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

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Management on Quality and Environment

Tamron is certified with international standards: ISO 9001 for quality and ISO14001 for environmental management at its headquarters, domestic sales offices, China plant as well as three production facilities in Aomori, Japan, and is fully committed to striving for continued and sustainable improvement at all levels and facets of its business operations.