

# Lens Catalogue



# The Best Lenses Make The Best Images

Tamron combines the latest advances in optical technology with state-of-the-art high precision manufacture to produce lenses of outstanding imaging performance. Renowned for brilliant innovation for over 50 years, Tamron has been consistently hailed as a world leader in lens design by industry publications and experts. Perhaps even more important Tamron lenses are the first choice of thousands of top professionals and serious enthusiasts that rely on their unsurpassed quality to produce their finest work.

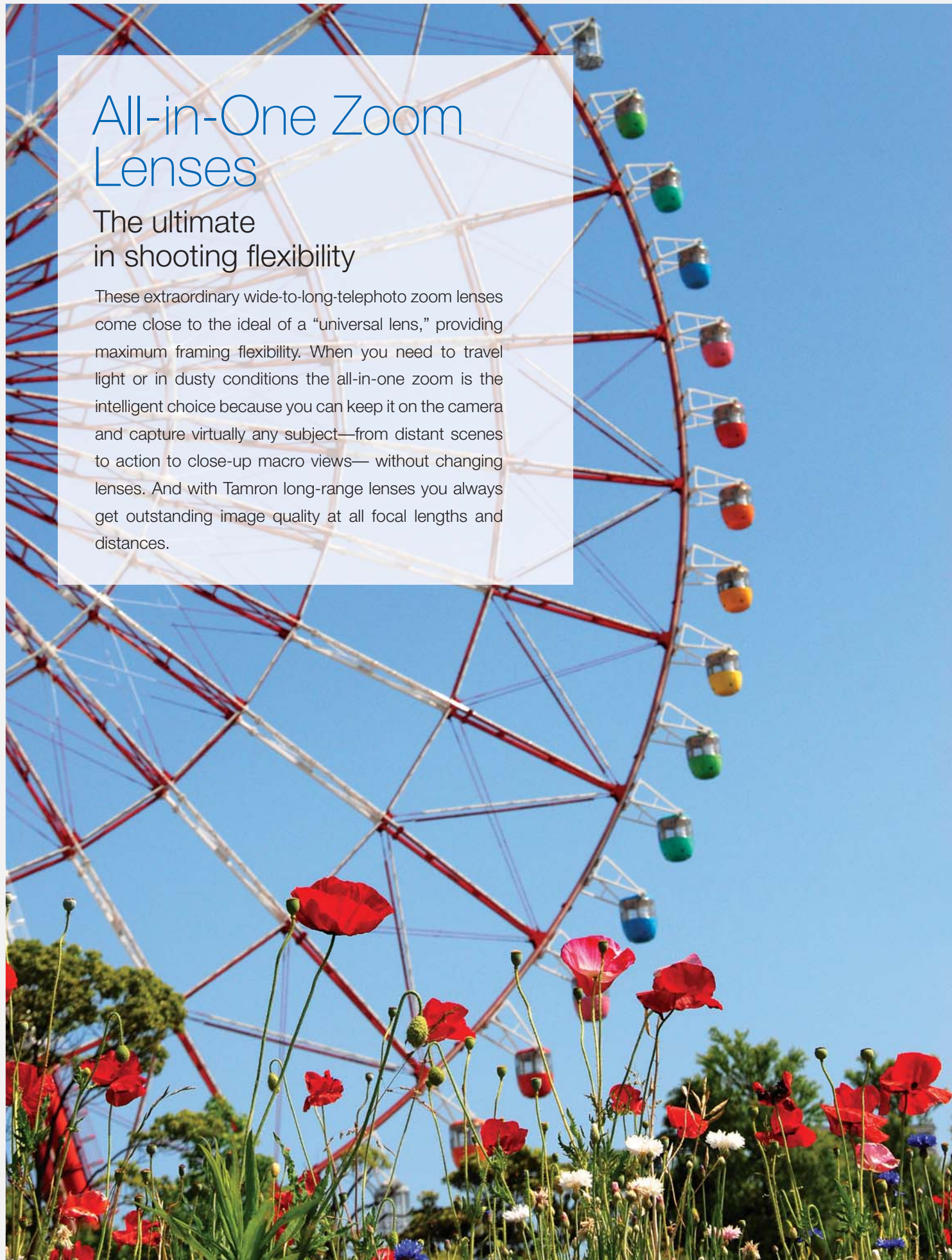
Tamron lenses range from high-speed ultra-wide-angles and wide zooms, to fast zooms, to extended range super tele-zooms and exquisitely sharp macro lenses, so you will always find the right lenses, and the precise angles of view for whatever kind of photography you do. In short, Tamron interchangeable lenses provide the ultimate in optical performance and flexibility when it comes to expressing your personal vision of the world.



# All-in-One Zoom Lenses

The ultimate in shooting flexibility

These extraordinary wide-to-long-telephoto zoom lenses come close to the ideal of a “universal lens,” providing maximum framing flexibility. When you need to travel light or in dusty conditions the all-in-one zoom is the intelligent choice because you can keep it on the camera and capture virtually any subject—from distant scenes to action to close-up macro views— without changing lenses. And with Tamron long-range lenses you always get outstanding image quality at all focal lengths and distances.



Focal length: 18mm Exposure: F/5.6 at 1/1000 sec. ISO: 400



## AF18-200mm F/3.5-6.3 XR Di II LD ASPHERICAL (IF) MACRO

Classic, compact, lightweight ultra-long-range zoom for APS-C format



The first all-in-one zoom lens to achieve wide-angle-to-long-telephoto coverage (28-300mm equivalent) along with outstanding imaging performance, it's still the world's lightest, most compact 11.1X zoom lens in its class. Ready for virtually any photographic opportunity— family events, distant wildlife and sports action, compelling close-ups of the kids—it does it all without having to change lenses. Advanced Tamron technology—special XR and LD glass, Hybrid Aspherics, and Internal Focusing—is what makes all this possible in a dramatically downsized package. Cutting-edge internal and external multi-coating assures flare-free pictures even under challenging conditions. With specs like this no wonder it's Tamron's most popular lens.

MODEL A14	LENS TYPE	Di II for APS-C DSLRs
	FILTER DIAMETER	Ø62mm
	LENGTH	83.7mm (3.3 in)
	WEIGHT	398g (14 oz.)
	MINIMUM FOCUS DISTANCE	0.45m (17.7 in)
	MOUNT COMPATIBLE	CANON NIKON NIKON II PENTAX SONY



Best Consumer Lens of the Year 2005

The 2005 American PHOTO Editor's Choice Awards



**AF 18-250mm F/3.5-6.3 Di II** LD ASPHERICAL (IF) MACRO

Capture your world with the longest-range zoom lens you can buy



This breakthrough zoom covers the greatest range of any interchangeable lens in digital SLR photography—an astounding 13.9X wide to super-telephoto ratio. That's the 35mm equivalent of a 28-388mm on an APS-C format DSLR. And it focuses down to 0.45m (17.7") over its entire range for dramatic close-ups. Remarkably compact and lightweight, its sharpness, resolution, and color accuracy are outstanding thanks to special LD glass, high-tech molded aspherics, the latest multi-coating, and second-generation digital optimization (Di II). This is the most powerful zoom lens on the planet, and it literally puts the world at your fingertips, delivering crisp, flare free images of scenic vistas, sports, nature, and intimate close-ups of kids. It's the perfect all-in-one lens for traveling light and capturing the unanticipated.

MODEL A18	LENS TYPE	Di II for APS-C DSLRs
	FILTER DIAMETER	Ø62mm
	LENGTH	84.3mm (3.3 in)
	WEIGHT	430g (15.2 oz.)
	MINIMUM FOCUS DISTANCE	0.45m (17.7 in)
	MOUNT COMPATIBLE	CANON NIKON NIKON II PENTAX SONY



**VC** new  
**AF18-270mm F/3.5-6.3 Di II VC** LD ASPHERICAL (IF) MACRO

World's first 15X all-in-one zoom with built-in Vibration Compensation



Uniquely versatile, this high performance zoom combines an extraordinary 15X focal length range (28-419mm 35mm-equivalent) with Tamron's exclusive state-of-the-art, electromagnetic tri-axial Vibration Compensation (VC) system to deliver crisp handheld images and super-steady viewing. Its cutting edge optical design ensures sharp, flare-free, high-resolution images at every focal length. The lens provides a 1:3.5 macro and focuses down to 0.49m or 19.2 inches. Remarkably compact and lightweight, this new optical masterpiece is truly in a class by itself.

Amazing "15x" Zoom



18mm (Equivalent to 28mm)



270mm (Equivalent to 419mm)

MODEL B003	LENS TYPE	Di II for APS-C DSLRs
	FILTER DIAMETER	Ø72mm
	LENGTH	101.1mm (3.9 in)
	WEIGHT	550g (19.5 oz.)
	MINIMUM FOCUS DISTANCE	0.49m (19.3 in)
	MOUNT COMPATIBLE	CANON NIKON II



**AF28-200mm F/3.8-5.6 XR Di ASPHERICAL (IF) MACRO**

Lightweight, compact  
High-magnification zoom

With a 7.1X zoom ratio covering focal lengths from wide to long telephoto on consumer DSLR (APS-C) and full-frame formats, this is an ideal lens for sports action, travel photography, and creative expression. It delivers outstanding image quality over its entire range, down to 0.49m(19.3") (1:4 at 200mm) and it weighs only 354g(12.5oz.).



MODEL A031	LENS TYPE	Di for all DSLRs
	FILTER DIAMETER	Ø62mm
	LENGTH	75.2mm (3.0 in)
	WEIGHT	354g (12.5 oz.)
	MINIMUM FOCUS DISTANCE	0.49m (19.3 in)
	MOUNT COMPATIBLE	CANON NIKON PENTAX SONY



**AF28-300mm F/3.5-6.3 XR Di VC LD ASPHERICAL (IF) MACRO**

Ultimate ultra-long-range zoom with advanced vibration compensation

Unleash the picture power of your digital SLR with this remarkable new compact, lightweight all-in-one zoom lens. Covering an impressive 10.7X, wide-to-long-telephoto zoom range on both full-frame and APS-C-format digital SLRs it gets down to an incredible 0.49m(19.3") at 300mm in Macro mode for dramatic frame-filling close-ups. And to optimize its outstanding real-world image quality we've built in our new high-tech, state-of-the-art VC (Vibration Compensation) system.

The cutting-edge 18-element 13-group design of the 28-300mm VC lens incorporates XR (extra refractive-index), LD (low dispersion) and AD (anomalous dispersion) glass as well as hybrid and GM (glass molded) aspherical elements to deliver exquisite sharpness and color correction over its extended range. The esteemed Di (Digitally Integrated) designation is your assurance of optimum digital and analog imaging performance. Capturing razor sharp handheld images just got a whole lot easier and better. \*Please see the Model A20 Attention in the use and compatibility on the page 26.



MODEL A20	LENS TYPE	Di for all DSLRs
	FILTER DIAMETER	Ø67mm
	LENGTH	99mm (3.9 in)
	WEIGHT	555g (19.6 oz.)
	MINIMUM FOCUS DISTANCE	0.49m (19.3 in)
	MOUNT COMPATIBLE	CANON NIKON II



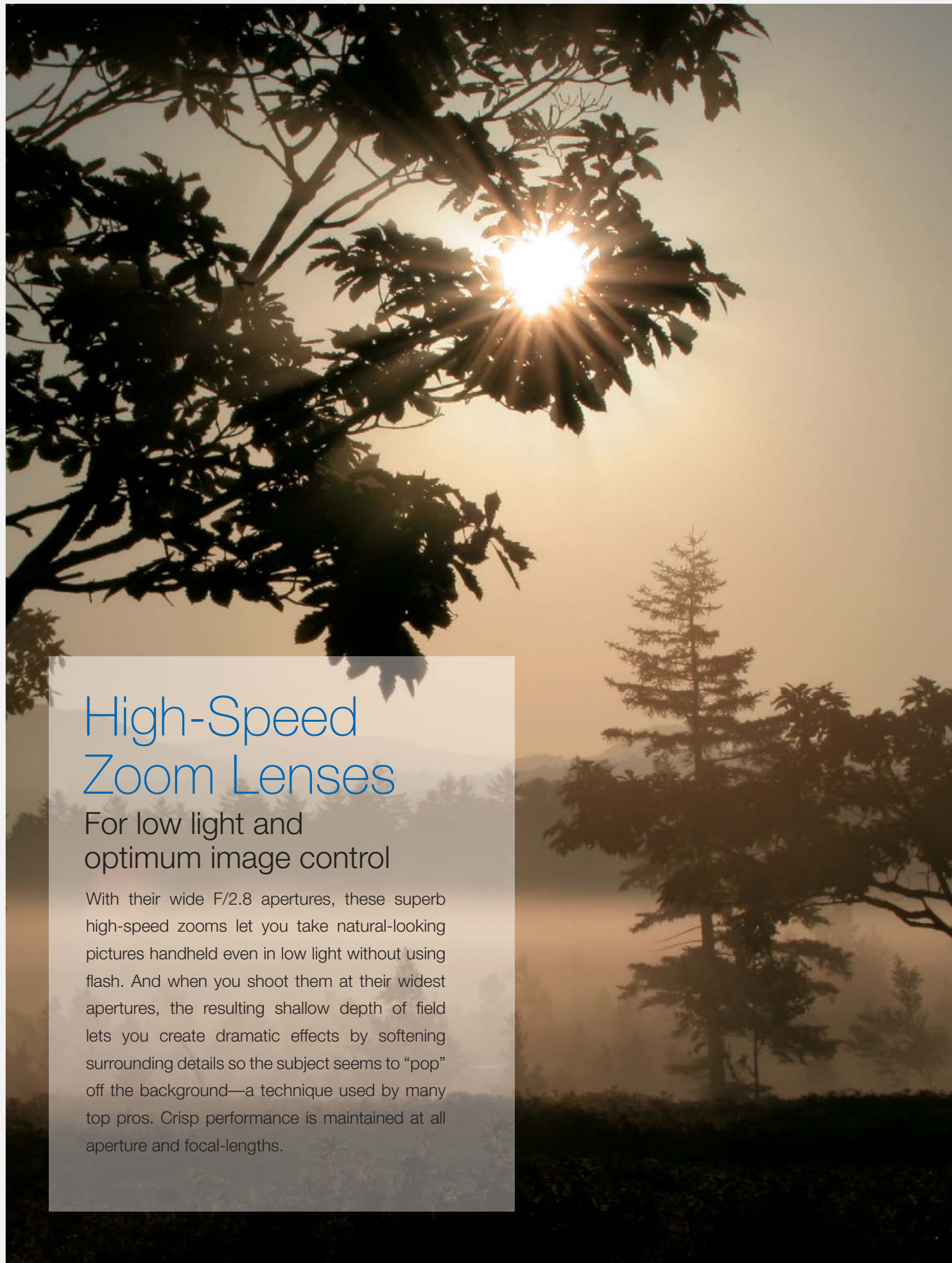
**AF28-300mm F/3.5-6.3 XR Di LD ASPHERICAL (IF) MACRO**

High-power all-in-one zoom with extra reach and close-up power

Reach out and grab distant detail, wildlife, and sports action with this amazing 11X extended-range wide-to-super-tele zoom that covers both full-frame and consumer DSLR (APS-C) formats, and focuses down to an incredible 0.49m(19.3") (1:2.9) for breathtaking close-ups. If there's any compact zoom that does it all on digital and film SLRs, this is it.



MODEL A061	LENS TYPE	Di for all DSLRs
	FILTER DIAMETER	Ø62mm
	LENGTH	83.7mm (3.3 in)
	WEIGHT	420g (14.8 oz.)
	MINIMUM FOCUS DISTANCE	0.49m (19.3 in)
	MOUNT COMPATIBLE	CANON NIKON PENTAX SONY



## High-Speed Zoom Lenses

For low light and optimum image control

With their wide F/2.8 apertures, these superb high-speed zooms let you take natural-looking pictures handheld even in low light without using flash. And when you shoot them at their widest apertures, the resulting shallow depth of field lets you create dramatic effects by softening surrounding details so the subject seems to “pop” off the background—a technique used by many top pros. Crisp performance is maintained at all aperture and focal-lengths.

Focal length: 20mm Exposure: F/5.6 at 1/200 sec ISO: 100



### SP AF 17-50mm F/2.8 XR Di II LD ASPHERICAL (IF)

High speed, high performance, perfect light and image control

With its wide F/2.8 constant aperture, this superb high-speed wide-angle-to-medium-telephoto (26-78mm equivalent) zoom lets you create natural-looking pictures in almost any light, and shoot at faster shutter speeds too. One of the most compact and lightweight lenses in its class, its shallow depth of field at wide apertures allows you to create dramatic pictorial and portrait effects by softening background details so the subject looks more vibrant and three-dimensional. Thanks to an advanced optical design that includes special XR and LD glass, internal and external surface multi-coating, and enhanced peripheral illumination, the Tamron 17-50mm delivers crisp, even, flare-free performance over its entire focal length and aperture range. It also provides unsurpassed close-up shooting performance.

MODEL A16

LENS TYPE	Di II for APS-C DSLRs
FILTER DIAMETER	Ø67mm
LENGTH	83.2mm (3.3 in)
WEIGHT	430g (15.2 oz.)
MINIMUM FOCUS DISTANCE	0.27m (10.6 in)
MOUNT COMPATIBLE	CANON NIKON NIKON II PENTAX SONY





**SP AF28-75mm F/2.8 XR Di** LD ASPHERICAL (IF) MACRO

Fast, ultra-compact mid-range zoom for digital and film SLRs

This ground-breaking high-speed mid-range zoom is prized by pros and serious shooters for its fast F/2.8 constant aperture, evenness of illumination, and its outstanding imaging performance, and by all photographers for its compact size and reasonable weight that make it feel like an ordinary standard zoom. These admirable characteristics have been achieved by the use of special XR and LD glass, the efficient use of aspherical elements, and non-rotating internal-focus (IF) design. This remarkable zoom lens also focuses down to 0.33m(13") (1:3.9 magnification) at all focal lengths for satisfying close-up performance and is compatible with APS-C and full-frame-format SLRs. Not surprisingly it is widely acclaimed as a classic.

\*Please see the Compatibility of Di series with built-in AF motor for Nikon with Nikon cameras on the page 26.



MODEL A09	LENS TYPE	Di for all DSLRs
	FILTER DIAMETER	Ø67mm
	LENGTH	92mm (3.6 in)
	WEIGHT	510g (18.0 oz.)
	MINIMUM FOCUS DISTANCE	0.33m (13.0 in)
	MOUNT COMPATIBLE	CANON NIKON NIKON II PENTAX SONY



new

**SP AF70-200mm F/2.8 Di** LD (IF) MACRO

The ultimate in reach, speed, and performance for dual SLR formats

This exciting new high-speed, high-performance F/2.8 telephoto zoom for full-frame and APS-C-format SLRs delivers outstanding imaging performance in a remarkably convenient package plus best close-focusing ability in its class—down to 0.95m(37.4") (1:3.1 at 200mm) throughout the range. Its wide aperture permits the use of faster shutter speeds in any light, and the effective use of shallow depth-of-field to achieve dramatic pictorial effects. Two special LD glass elements enhance image quality and uniformity of illumination across the field and internal focusing (IF) design maintains lens length at all focusing distances for better handling. It has a removable lightweight tripod platform and provides an impressive 109-310mm equivalent on APS-C-format cameras. The fast, sharp tele-zoom is the mainstay of many professional photographers and serious enthusiasts.

\*The one-touch switchover function is available on Nikon and Canon mounts only. The Sony and the Pentax mounts require switchover in two steps.

\*Please see the Compatibility of Di series with built-in AF motor for Nikon with Nikon cameras on the page 26.



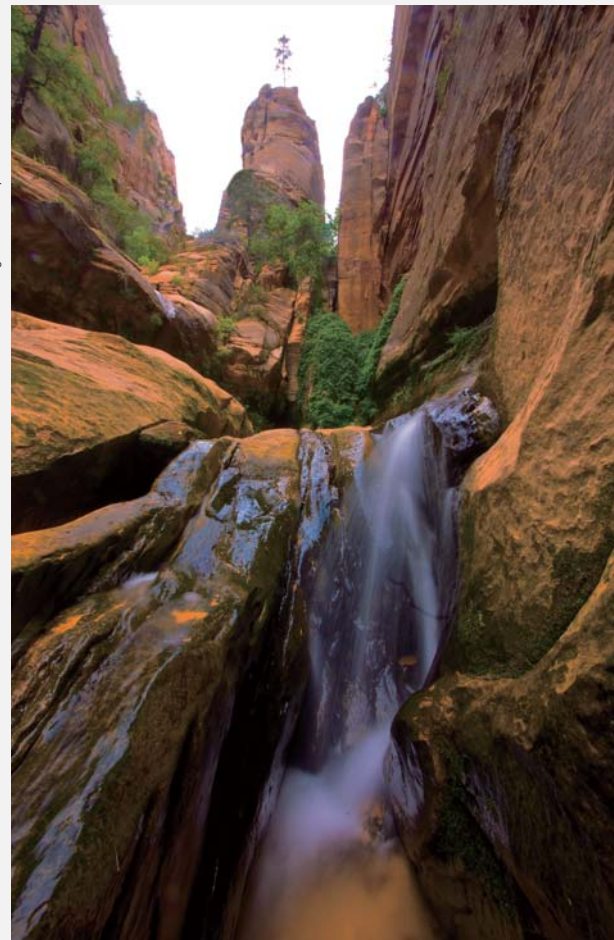
MODEL A001	LENS TYPE	Di for all DSLRs
	FILTER DIAMETER	Ø77mm
	LENGTH	194.3mm (7.6 in)
	WEIGHT	1150g (40.6 oz.)
	MINIMUM FOCUS DISTANCE	0.95m (37.4 in)
	MOUNT COMPATIBLE	CANON NIKON II PENTAX SONY



## Ultra-Wide-Angle Lenses

These optical jewels provide the ultimate in angular coverage across the picture field. They are essential tools for creating intimate expansive views, working in tight interior spaces, or simply getting everyone into the picture. Among the favorite lenses of landscape, architectural and art photographers they deliver a fresh perspective that spices up any picture portfolio.

Focal length: 10mm Exposure: F8 Auto ISO: 200 RAW



Focal length: 13mm Exposure: F/16 at 1/400 sec ISO: 200



Focal length: 11mm Exposure: F/5.6 at 1/400 sec ISO: 400



new

### SP AF10-24mm F/3.5-4.5 Di II LD ASPHERICAL (IF)

The ultimate extended-range, ultra-wide-angle zoom lens!

Wider and longer than others in its class, this compact, lightweight, high-performance lens for DSLRs with APS-C-size sensors provides 35mm equivalent coverage from 16mm ultra-wide to 37mm semi-wide, a remarkable 2.4X zoom ratio. A stunning example of Tamron's innovative technology, it delivers superb image quality from corner to corner and close focusing (1:5 max. mag. ratio) using advanced aspherics and special LD and HID glass. With a maximum coverage of over 108°, this state-of-the-art classic is the perfect solution for expanding your visual horizons.



MODEL B001	LENS TYPE	Di II for APS-C DSLRs
	FILTER DIAMETER	Ø77mm
	LENGTH	86.5mm (3.9 in)
	WEIGHT	406g (14.3 oz.)
	MINIMUM FOCUS DISTANCE	0.24m (9.3 in)
	MOUNT COMPATIBLE	CANON NIKONII SONY

### SP AF11-18mm F/4.5-5.6 Di II LD ASPHERICAL (IF)

Classic ultra-wide-angle zoom for APS-C-format digital SLRs

Compact, ultra-lightweight and extremely sharp as a result of its advanced design using glass-molded and Hybrid Aspheric elements, it provides 35mm equivalent focal-lengths of 17-28mm, considered by many pros and serious amateurs to be the ideal wide-angle range. Di-II digital optimization and enhanced peripheral illumination contribute to its outstanding performance.



MODEL A13	LENS TYPE	Di II for APS-C DSLRs
	FILTER DIAMETER	Ø77mm
	LENGTH	78.6mm (3.1 in)
	WEIGHT	345g (12.2 oz.)
	MINIMUM FOCUS DISTANCE	0.25m (9.8 in)
	MOUNT COMPATIBLE	CANON NIKON SONY



# Long Telephoto Zoom Lenses

These long-focal-length lenses are optimized for high magnification to capture faraway details. They are essential tools for shooting birds, wildlife, sports, and events—any situation where the photographer can't get close enough. They are also excellent for dramatic portraits and landscapes.



Focal length: 280mm Exposure: F/4 at 1/250sec ISO: 100



## AF70-300mm F/4-5.6 Di LD MACRO

### Setting the standard for lightweight long-range zooms

Designed for optimum handling ease and portability (it weighs only 435g <15.3oz.>), it's ideal for handheld shooting with full-frame and APS-C-format SLRs. Its unsurpassed close-focusing ability (down to 0.95m (3.1 feet) or 1:2 in macro mode) makes it perfect for nature and portrait photography.

\*Please see the Compatibility of Di series with built-in AF motor for Nikon with Nikon cameras on the page 26.



MODEL A17	LENS TYPE	Di for all DSLRs
	FILTER DIAMETER	Ø62mm
	LENGTH	116.5mm (4.6 in)
	WEIGHT	435g (15.3 oz.)
	MINIMUM FOCUS DISTANCE	1.5m (59.0 in) / 0.95m (37.4 in) macro
	MOUNT COMPATIBLE	CANON NIKON NIKON II PENTAX SONY

Focal length: 500mm Exposure: F/6.3 Auto ISO: 200



## SP AF 200-500mm F/5-6.3 Di LD (IF)

### A remarkable ultra-telephoto lens for serious shooters

A powerful zoom for capturing close, detailed views of faraway subjects, this high-magnification beauty is the perfect choice for nature and sports shooters. Remarkably light and compact, it compresses the apparent distance between objects within the frame, giving stunning pictorial effects.

\*Please see the "Detachable Filter Effect Control" on the page 23.



MODEL A08	LENS TYPE	Di for all DSLRs
	FILTER DIAMETER	Ø86mm
	LENGTH	224.5mm (8.8 in)
	WEIGHT	1,226g (43.2 oz.)
	MINIMUM FOCUS DISTANCE	2.5m (98.4 in)
	MOUNT COMPATIBLE	CANON NIKON SONY

# Macro Lenses

These exquisite prime lenses provide extraordinary performance in the extreme close-up (macro) range down to 1:1 (life-size) at the image plane, and their telephoto focal lengths provide a longer, more convenient working distance. They also work splendidly as general-purpose telephoto lenses.



Focal length: 90mm Exposure: F/10 at 1/80 sec. ISO: 200



Focal length: 90mm Exposure: F/10 at 1/60 sec. ISO: 200



Focal length: 180mm Exposure: F/22 at 1/200 sec. ISO: 100



## SP AF90mm F/2.8 Di MACRO 1:1

An enhanced version of the classic “portrait macro”

The latest version of the venerable Tamron 90mm Macro, this lens is widely used by naturalists and other pros who need top imaging performance plus a longer lens-to-subject (working) distance to enable easier lighting and access to skittish subjects. Improved resolution, chromatic correction, and coatings make it a superb choice for full-frame or APS-C-format SLRs.

\*The one-touch switchover function is available on Nikon and Canon mounts only. The Sony and the Pentax mounts require switchover in two steps.  
\*Please see the Compatibility of Di series with built-in AF motor for Nikon with Nikon cameras on the page 26.



MODEL 272E	LENS TYPE	Di for all DSLRs
	FILTER DIAMETER	Ø55mm
	LENGTH	97mm (3.8 in)
	WEIGHT	405g (14.3 oz.)
	MINIMUM FOCUS DISTANCE	0.29m (11.4 in)
	MOUNT COMPATIBLE	CANON NIKON NIKON II PENTAX SONY

## SP AF180mm F/3.5 Di LD (IF) MACRO 1:1

Superior performance and features in a long tele macro

This unique high-performance telephoto macro lens is equally at home in the field and in the studio, providing outstanding image quality at all distances, plus an extra-long working distance for unsurpassed subject access. An advanced optical design incorporating special LD glass and internal focusing (IF), it has a handy Filter Effect Control (FEC) ring for adjusting polarizing filters and an AF/MF ring for easier switching from manual to auto-focus.

\*The one-touch switchover function is available on Nikon and Canon mounts only. The Sony mount requires switchover in two steps.



MODEL B01	LENS TYPE	Di for all DSLRs
	FILTER DIAMETER	Ø72mm
	LENGTH	165.7mm (6.5 in)
	WEIGHT	920g (32.5 oz.)
	MINIMUM FOCUS DISTANCE	0.47m (18.5 in)
	MOUNT COMPATIBLE	CANON NIKON SONY

# Tamron Lens Technology

## The Inside Edge: Innovative Ideas In Pursuit Of Optical Perfection

For over half a century Tamron has been recognized as a leading innovator in cutting-edge optical design, and acclaimed for its mastery of the underlying mechanical and electronics technologies that make today's amazing lenses possible. Developing practical, compact, easy-to-use lightweight zoom lenses with incredible zoom ranges, apertures and close focusing ability, that also deliver world-class imaging performance, is not simply a matter of refining existing ideas—it entails creative thinking at the highest level. Here is a definitive list that explains each of the original proprietary design concepts used in today's state-of-the-art Tamron lenses.

### Di

#### Digitally Intergrated Lenses For Top Imaging Performance

Di (Digitally Integrated Design) is a Tamron designation that applies to lenses that have been optimized for digital capture using advanced multi-coating techniques and optical designs that assure excellent image quality across the entire picture field. Because of these characteristics, Di lenses provide outstanding performance on cameras with full-frame and APS-C format sensors as well as on 35mm film.

### Di II

#### Digitally Intergrated Lenses Optimized For APS-C Format Digital SLR Cameras

Di II is the designation Tamron applies to lenses designed for exclusive use on digital SLR cameras with APS-C-format image sensors. All Di II lenses are optimized to meet the performance characteristics of this popular class of cameras, providing maximum resolution concentrated within the image field and assuring that light rays at the edges of the frame reach the sensor at favorable angles, thereby minimizing peripheral light falloff. In addition, all lenses bearing this designation incorporate effective measures to increase light transmission and eliminate ghosting and flare, which are particularly noticeable with digital cameras. Tamron's advanced multi-coatings are applied not only to external and internal lens surfaces, but also to surfaces in between cemented lens elements. Finally, Di II lenses are offered in a wide array that includes the focal length ranges most desired by DSLR shooters.

### SP

#### Super Performance For Discriminating Shooters

Tamron SP (Super 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.

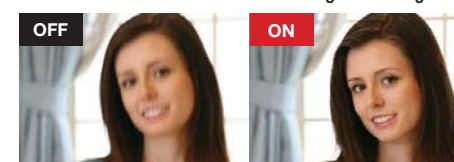
### VC

#### Introducing "VC" - Tamron's Unique Vibration Compensation Mechanism

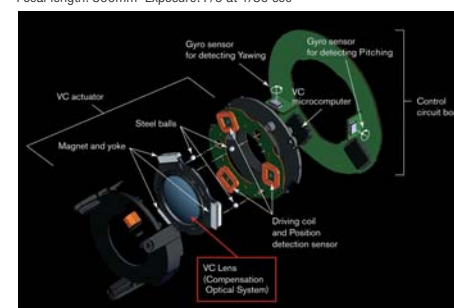
Tamron's unique VC (Vibration Compensation) mechanism uses a proprietary actuator and algorithms to deliver an extremely stable viewfinder image with excellent tracking. The mechanism uses a three-coil system to electromagnetically drive the lens element that compensates for vibration, which glides smoothly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

\*VC is loaded on B003(18-270mm) and A20(28-300mm).

Taken under the same conditions using a vibrating table



Focal length: 300mm Exposure: F/9 at 1/30 sec



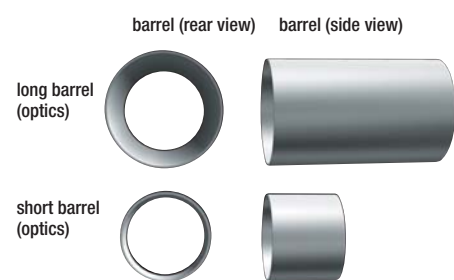
VC (Vibration Compensation) Unit Structure

### XR

#### Special Glass For Better Performance And More Compact Lens Designs

XR (Extra Refractive Index) glass can bend light rays at steeper angles, thereby decreasing the physical length of the lens while enhancing imaging performance by minimizing optical aberrations. This has allowed Tamron to develop a line of shorter, smaller-diameter, lighter lenses without sacrificing lens speed, and actually upgrading image quality compared to older designs. XR glass is costlier than conventional glass but it yields enhanced optical power distribution, making possible many of the outstanding and innovative lens designs that bear the XR designation.

More compact lenses with the same speed: It's all in the barrel

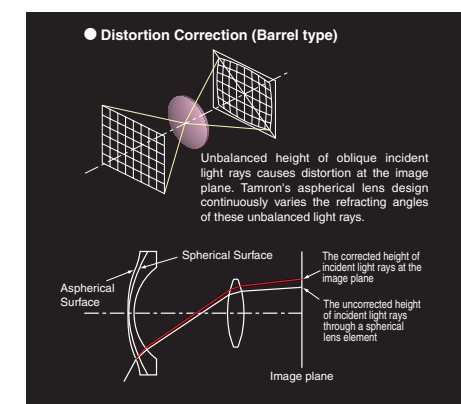
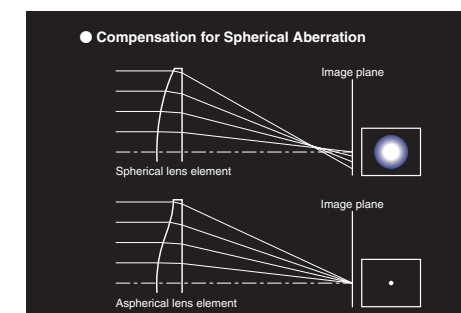


XR glass, with its superior light-bending power, makes it possible to design a short-barrel lens with the same light-gathering ability (aperture value) as a long-barrel lens—even with a smaller lens diameter. By using this principle Tamron has been able to shorten the length of the entire optical system 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.

### ASL

#### Hybrid Aspherical Elements Provide the Ultimate in Image Quality and Compactness

Tamron uses several hybrid aspherical lens elements in the 18-250mm, 17-50mm, 28-75mm, 28-300mm (XR Di and VC) 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 cutting-edge advances for series production, Tamron has advanced the state of optical design, and virtually eliminated spherical aberration and image distortion from the high-power-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.

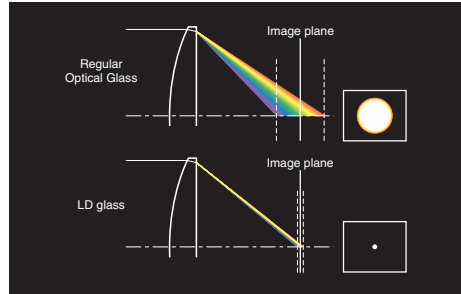


Compensation effect with an aspherical lens element (schematic illustration)



**LD****Low Dispersion (LD) Glass For Greater Lens Sharpness**

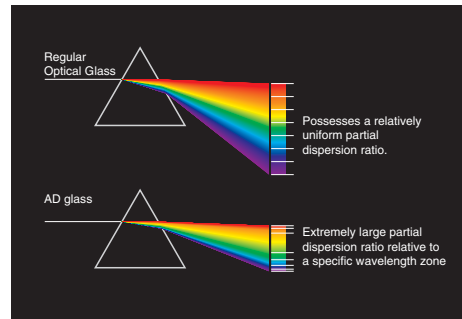
Low dispersion (LD) glass elements in a lens help reduce chromatic aberration, the tendency of light of different colors to come to different points of focus at the image plane. Chromatic aberration reduces the sharpness of an image, but glass with an extremely low dispersion index, has less of a tendency to separate (defract) 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 (typical diagram)

**AD****Anomalous Dispersion (AD) For Better Color Correction**

Anomalous dispersion (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 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 (typical diagram)

**HID****High Index, High Dispersion (HID) Glass For Better Color Correction**

The use of HID (High Index, High Dispersion) glass elements in a lens can also be used to minimize on-axis and lateral chromatic aberrations that are the greatest hindrances to achieving high image quality. HID glass is another tool in the lens designer's arsenal that has allowed Tamron to design and produce complex lenses such as long-range zooms that are conveniently compact and lightweight, and deliver outstanding performance.

**Advanced BBAR lens coating technology: The Key to attaining the highest image quality**

Tamron uses advanced multi-coating techniques to suppress reflections and light dispersion on lens element surfaces that result in reduced light transmission and may, under adverse conditions, cause flare and ghost images that reduce contrast and can diminish image quality. The BBAR (Broad-Band, Anti-Reflection) multiple-layer 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 multi-coating that successfully increases light transmission in both longer and shorter wavelengths, and has applied it to all the latest Tamron lenses.

**IF****Internal Focusing (IF) System**

Internal focusing (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 Internal Focusing (IF) system provides a much closer minimum focusing distance (MFD) 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 (ZL) Feature**

Another original Tamron mechanical engineering concept is the Zoom Lock (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.

**AFMF****Auto-focus/Manual focus (AF/MF) Switch Mechanism on the Focus Ring**

The ability to switch quickly between auto-focus (AF) and manual focus (MF) is a great asset in many types of shooting, especially sports and nature photography. This is easily accomplished with Tamron's ingenious AF/MF system. By simply sliding the focus ring back and forth between the two positions you can select either the AF or the MF focusing position. In manual-focus mode Tamron lenses provide smooth, precise manual focusing by turning their wide, well-textured focusing rings.

**The Detachable Filter Effect Control**

The Filter Effect Control is designed to rotate the filter to the desired position with the hood attached, enabling you to simultaneously perform minute adjustments to PL filter compensation. You can confirm the Polarizing effect through the viewfinder, all while using the hood to prevent harmful light from entering the lens.

**Multiple-Cam Mechanism For Smooth, Stable Zooming and Precise Focusing at All Focal Lengths**

The manufacture of compact, high quality, high-power 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 by 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 Internal Focusing (IF) system with the Multiple-Cam Zoom Mechanism. This ingenious Focus Cam is designed to insure 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.

**Designed to Fit AF Cameras from Major Camera Makers**

Tamron's AF lenses fit AF models by four major camera makers. Please be sure to select the appropriate mount for your camera.



\*Some models are not available for all mounts. Please check the specifications on the page 27 for mount availability.

\*Di-II Lens Series do not have aperture rings.

**Engineering Plastics Technology**

To insure the highest levels of performance and durability without adding additional weight, Tamron High-Power 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.

**Sophisticated Tamron Production Technology**

Tamron manufacturing processes are certified to demanding ISO 9001 standards, an internationally recognized proof of the most thorough quality control. Tamron's high-power zoom lenses come out of a factory that is well known for delivering on its world-class capabilities, and is widely respected for its unwavering policy of delivering excellent quality products that meet the total satisfaction of its valued customers.

**Tamron's quality assurance and environmental protection activities****ISO Standards**

ISO stands for the International Organization for Standardization. These international standards include the ISO 9000 family of standards relating to quality system management, and the ISO 14000 series for certification of environmental management systems. Certification of environment and quality control are also being applied to all Tamron.

**Environment**

Tamron has been assertively addressing concerns about the earth's environment through the reduction of environmental load in business operations based on the ISO 14001. Specifically, Tamron has promoted the "Green Procurement" policy for abrogating harmful substances from the beginning and reinforcing positive environmental programs. At Tamron, we have addressed such issues as energy savings and waste reduction and recycling for reducing environmental loads generated from the manufacture of products. Such activities promote the development of high quality, compact and environmentally friendly products to satisfy customers. In addition, from 2004, Tamron issued Environmental Reports to introduce its socially responsible philosophy and practices for environmental preservation. For further details, please visit Tamron's website at <http://www.tamron.co.jp/en/envi/top/index.html>

**ISO 9001 Quality Control Policy**

Provide customer satisfaction by delivering high quality products.

**ISO 14001 Environmental Management Philosophy**

In accordance with its corporate management philosophy, Tamron's goal is to create and deliver superior quality products and services to meet customer needs. Furthermore, each Tamron employee is fully committed to the preservation of the global environment at every level and for each facet of company activities. At Tamron, we recognize the significance of our social responsibilities.

**ISO 14001 the Fundamentals of the Environmental Conservation Policy**

- 1, Compliance with legislation relevant to environmental conservation
- 2, Conservation and protection of natural resources
- 3, Prevention of environmental contamination
- 4, Continued promotion of an environmental conservation program
- 5, Promote design philosophy and development of environmentally friendly products to contribute to environmental protection.
- 6, Promote environmental education
- 7, Disclosure of environmental-related information to the public

# Lens Lineup

## All-in-One Zoom Lenses



**MODEL A14**  
AF18-200mm F/3.5-6.3 XR Di II  
LD Aspherical [IF] Macro  
Di II XR LD ASL IF ZL

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon and Pentax mounts do not have an aperture ring.



**MODEL A18**  
AF18-250mm F/3.5-6.3 Di II  
LD Aspherical [IF] Macro  
Di II LD AD ASL IF ZL

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon and Pentax mounts do not have an aperture ring.



**MODEL B003**  
AF18-270mm F/3.5-6.3 Di II VC  
LD Aspherical [IF] Macro  
Di II LD ASL IF VC

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon and Pentax mounts do not have an aperture ring.



**MODEL A031**  
AF28-200mm F/3.8-5.6 XR Di  
Aspherical [IF] Macro  
Di XR ASL IF ZL

\*The lens for Nikon / Sony is "D" Compatible.



**MODEL A061**  
AF28-300mm F/3.5-6.3 XR Di  
LD Aspherical [IF] Macro  
Di XR LD AD ASL IF ZL

\*The lens for Nikon / Sony is "D" Compatible.



**MODEL A20**  
AF28-300mm F/3.5-6.3 XR Di VC  
LD Aspherical [IF] Macro  
Di XR VC LD AD ASL IF ZL

\*The lens for Nikon is "D" Compatible.  
\*Nikon mount does not have an aperture ring.

## High-Speed Zoom Lenses



**MODEL A16**  
SP AF17-50mm F/2.8 XR Di II  
LD Aspherical [IF]  
Di II SP XR LD ASL IF ZL

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon and Pentax mounts do not have an aperture ring.



**MODEL A09**  
SP AF28-75mm F/2.8 XR Di  
LD Aspherical [IF] Macro  
Di SP XR LD ASL IF ZL

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon [A09 NII] mount does not have an aperture ring.



**MODEL A001**  
SP AF70-200mm F/2.8 Di  
LD [IF] Macro  
Di SP LD IF AFMF

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon mount does not have an aperture ring.

## Ultra-Wide-Angle Lenses



**MODEL B001**  
SP AF10-24mm F/3.5-4.5 Di II  
LD Aspherical [IF]  
Di II SP LD ASL IF

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon mount does not have an aperture ring.



**MODEL A13**  
SP AF11-18mm F/4.5-5.6 Di II  
LD Aspherical [IF]  
Di II SP LD ASL IF HID

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon mount does not have an aperture ring.

## Standard and Telephoto Zoom Lenses



**MODEL 177D**  
AF28-80mm F/3.5-5.6  
Aspherical  
ASL

\*The lens for Nikon is "D" Compatible.



**MODEL A15**  
AF55-200mm F/4-5.6 Di II  
LD Macro  
Di II LD

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon mount does not have an aperture ring.



**MODEL A17**  
AF70-300mm F/4-5.6 Di  
LD Macro  
Di LD

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon [A17 NII] mount does not have an aperture ring.



**MODEL A08**  
SP AF200-500mm F/5-6.3 Di  
LD [IF]  
Di SP LD IF ZL

\*The lens for Nikon / Sony is "D" Compatible.



**MODEL 272E**  
SP AF90mm F/2.8 Di  
Macro 1:1  
Di SP AFMF

\*The lens for Nikon / Sony is "D" Compatible.  
\*Nikon [272E NII] mount does not have an aperture ring.



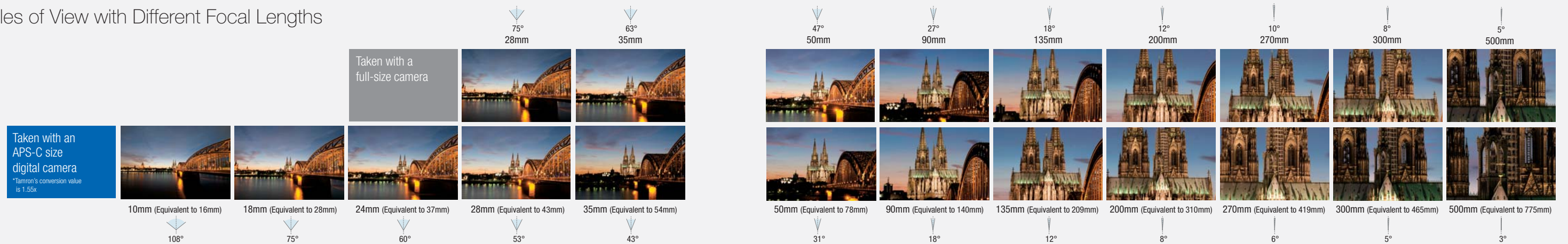
**MODEL B01**  
SP AF180mm F/3.5 Di  
LD [IF] Macro 1:1  
Di SP LD IF AFMF

\*The lens for Nikon / Sony is "D" Compatible.

- Di II** Lenses designed for exclusive use on digital SLR cameras with APS-C size imagers
- SP** Tamron Super Performance series features high-performance specs
- Di** Lenses with this mark features optical systems designed to meet the performance characteristics of digital SLR cameras
- ASL** Lenses with this mark uses aspherical element(s)
- HID** Lenses with this mark uses High Index Dispersion glass element
- AFMF** Lenses with this mark uses Auto-focus/Manual focus switch mechanism

- XR** Lens with this mark uses XR element(s)
- LD** Lens with this mark uses LD element(s)
- AD** Lens with this mark uses AD element(s)
- IF** Lens with this mark uses internal focusing system
- ZL** Lens with this mark uses zoom-lock mechanism
- Hybrid Aspherical Lens
- LD element
- AD element
- XR (Extra Refractive index) glass
- Glass Molded Aspherical Lens
- HID glass

## Different Angles of View with Different Focal Lengths



# Lens Specifications

## All-in-One Zoom Lenses

MODEL	LENSES	FOCAL LENGTH (mm)	MAXIMUM APERTURE (F)	Lens Construction (Groups/Elements)	ANGLE OF VIEW (=the figures when used on APS-C sized digital camera)			TYPE OF ZOOMING	DIAPHRAGM BLADES	MINIMUM APERTURE (F)	MINIMUM FOCUS in. (m)	MAX MAG. RATIO	FILTER SIZE (ømm)	WEIGHT OZ. (g)	DIAMETER X LENGTH in. (mm)	ACCESSORY		MOUNT					REMARKS
					Diagonal	Horizontal	Vertical									Lens Hood	Case	For Canon	For Nikon	For Nikon II	For Pentax	For Sony	
A14	AF18-200mm F/3.5-6.3 XR Di II LD Aspherical [IF] Macro	18-200mm	F/3.5-6.3	13-15	75° 33'-7° 59'	65° 36'-6° 38'	46° 21'-4° 15'	ROTATION	7	22	17.7 (0.45)	1:3.7	62	14 (398)	ø2.9X3.3 (ø73.8x83.7)	○ AD06		○	○ "D" COMPATIBLE	○ "D" COMPATIBLE	○	○ "D" COMPATIBLE	
A18	AF18-250mm F/3.5-6.3 Di II LD Aspherical [IF] Macro	18-250mm	F/3.5-6.3	13-16	75° 33'-6° 23'	65° 36'-5° 19'	46° 21'-3° 19'	ROTATION	7	22	17.7 (0.45)	1:3.5	62	15.2 (430)	ø2.9X3.3 (ø74.4x84.3)	○ DA18		○	○ "D" COMPATIBLE	○ "D" COMPATIBLE	○	○ "D" COMPATIBLE	
B003	AF18-270mm F/3.5-6.3 Di II VC LD Aspherical [IF] Macro	18-270mm	F/3.5-6.3	13-18	75° 33'-5° 55'	65° 36'-4° 55'	46° 21'-3° 10'	ROTATION	7	22	19.3 (0.49)	1:3.5	72	19.5 (550)	ø3.1X3.9 (ø79.6x101.1)	○ AB003		○		○ "D" COMPATIBLE			new
A031	AF28-200mm F/3.8-5.6 XR Di Aspherical [IF] Macro	28-200mm	F/3.8-5.6	14-15	75° 23'-12° 21' (52° 58'-7° 59')	65° 28'-10° 17' (45° 0'-6° 38')	46° 15'-6° 31' (30° 34'-4° 15')	ROTATION	7	22	19.3 (0.49)	1:4	62	12.5 (354)	ø2.8X3.0 (ø71.7x75.2)	○ AD06		○	○ "D" COMPATIBLE		○	○ "D" COMPATIBLE	
A061	AF28-300mm F/3.5-6.3 XR Di LD Aspherical [IF] Macro	28-300mm	F/3.5-6.3	13-15	75° 23'-8° 15' (52° 58'-5° 20')	65° 28'-6° 52' (45° 0'-4° 26')	46° 15'-4° 21' (30° 34'-2° 35')	ROTATION	9	22	19.3 (0.49)	1:2.9	62	14.8 (420)	ø2.9X3.3 (ø73.8x83.7)	○ AD06		○	○ "D" COMPATIBLE		○	○ "D" COMPATIBLE	
A20	AF28-300mm F/3.5-6.3 XR Di VC LD Aspherical [IF] Macro	28-300mm	F/3.5-6.3	13-18	75° 23'-8° 15' (52° 58'-5° 20')	65° 28'-6° 52' (45° 0'-4° 26')	46° 15'-4° 21' (30° 34'-2° 35')	ROTATION	9	22	19.3 (0.49)	1:3	67	19.6 (555)	ø3.1X3.9 (ø78.1x99)	○ DA20		○		○ "D" COMPATIBLE			

## High-Speed Zoom Lenses

MODEL	LENSES	FOCAL LENGTH (mm)	MAXIMUM APERTURE (F)	Lens Construction (Groups/Elements)	ANGLE OF VIEW (=the figures when used on APS-C sized digital camera)			TYPE OF ZOOMING	DIAPHRAGM BLADES	MINIMUM APERTURE (F)	MINIMUM FOCUS in. (m)	MAX MAG. RATIO	FILTER SIZE (ømm)	WEIGHT OZ. (g)	DIAMETER X LENGTH in. (mm)	ACCESSORY		MOUNT					REMARKS
					Diagonal	Horizontal	Vertical									Lens Hood	Case	For Canon	For Nikon	For Nikon II	For Pentax	For Sony	
A16	SP AF17-50mm F/2.8 XR Di II LD Aspherical [IF]	17-50mm	F/2.8	13-16	78° 45'-31° 11'	68° 37'-26° 7'	49° 1'-17° 22'	ROTATION	7	32	10.6 (0.27)	1:4.5	67	15.2 (430)	ø2.9X3.3 (ø73.8x83.2)	○ DA09		○	○ "D" COMPATIBLE	○ "D" COMPATIBLE	○	○ "D" COMPATIBLE	
A09	SP AF28-75mm F/2.8 XR Di LD Aspherical [IF] Macro	28-75mm	F/2.8	14-16	75° 23'-32° 11' (52° 58'-21° 4')	65° 28'-26° 59' (45° 0'-17° 35')	46° 15'-18° 7' (30° 34'-11° 29')	ROTATION	7	32	13.0 (0.33)	1:3.9	67	18.0 (510)	ø2.9X3.6 (ø73.8x92)	○ DA09		○	○ "D" COMPATIBLE	○ "D" COMPATIBLE	○	○ "D" COMPATIBLE	Do not attach 2X tele-converters
A001	SP AF70-200mm F/2.8 Di LD [IF] Macro	70-200mm	F/2.8	13-18	34° 21'-12° 21' (22° 33'-7° 59')	28° 51'-10° 17' (18° 49'-6° 38')	19° 16'-6° 31' (12° 22'-4° 15')	ROTATION	9	32	37.4 (0.95)	1:3.1	77	40.6 (1150)	ø3.5X7.6 (ø89.5x194.3)	○ HA001	○	○		○ "D" COMPATIBLE	○	○	new

## Ultra-Wide-Angle Lenses

MODEL	LENSES	FOCAL LENGTH (mm)	MAXIMUM APERTURE (F)	Lens Construction (Groups/Elements)	ANGLE OF VIEW (=the figures when used on APS-C sized digital camera)			TYPE OF ZOOMING	DIAPHRAGM BLADES	MINIMUM APERTURE (F)	MINIMUM FOCUS in. (m)	MAX MAG. RATIO	FILTER SIZE (ømm)	WEIGHT OZ. (g)	DIAMETER X LENGTH in. (mm)	ACCESSORY		MOUNT					REMARKS	
					Diagonal	Horizontal	Vertical									Lens Hood	Case	For Canon	For Nikon	For Nikon II	For Pentax	For Sony		
B001	SP AF10-24mm F/3.5-4.5 Di II LD Aspherical [IF]	10-24mm	F/3.5-4.5	9-12	108° 44'-60° 20'	98° 28'-51° 36'	75° 19'-35° 29'	ROTATION	7	22	9.3 (0.24)	1:5.1	77	14.3 (406)	ø3.3X3.9 (ø83.2x86.5)	○ AB001		○		○ "D" COMPATIBLE			○ "D" COMPATIBLE	new For Canon and Sony ; to be determined
A13	SP AF11-18mm F/4.5-5.6 Di II LD Aspherical [IF]	11-18mm	F/4.5-5.6	12-15	103° 29'-75° 33'	93° 3'-65° 36'	70° 12'-46° 21'	ROTATION	7	22	9.8 (0.25)	1:8	77	12.2 (345)	ø3.3X3.1 (ø83.2x78.6)	○ DA13		○	○ "D" COMPATIBLE			○ "D" COMPATIBLE		

## Standard and Telephoto Zoom Lenses

MODEL	LENSES	FOCAL LENGTH (mm)	MAXIMUM APERTURE (F)	Lens Construction (Groups/Elements)	ANGLE OF VIEW (=the figures when used on APS-C sized digital camera)			TYPE OF ZOOMING	DIAPHRAGM BLADES	MINIMUM APERTURE (F)	MINIMUM FOCUS in. (m)	MAX MAG. RATIO	FILTER SIZE (ømm)	WEIGHT OZ. (g)	DIAMETER X LENGTH in. (mm)	ACCESSORY		MOUNT					REMARKS	
					Diagonal	Horizontal	Vertical									Lens Hood	Case	For Canon	For Nikon	For Nikon II	For Pentax	For Sony		
177D	AF28-80mm F/3.5-5.6 Aspherical	28-80mm	F/3.5-5.6	7-7	75° 23'-30° 16'	65° 28'-25° 22'	46° 15'-17° 3'	ROTATION	6	22	27.5 (0.7)	1:8	58	8.1 (230)	ø2.8X2.8 (ø71.5x70.4)	○ 1C2FH		○	○ "D" COMPATIBLE				○ (For Konika Minolta) "D" COMPATIBLE	
A15	AF55-200mm F/4-5.6 Di II LD Macro	55-200mm	F/4-5.6	9-13	28° 28'-7° 59'	23° 49'-6° 38'	16° 1'-4° 15'	ROTATION	9	32	37.4 (0.95)	1:3.5	52	10.4 (295)	ø2.8X3.3 (ø71.6x83.0)	○ DA15		○	○ "D" COMPATIBLE				○ "D" COMPATIBLE	
A17	AF70-300mm F/4-5.6 Di LD Macro	70-300mm	F/4-5.6	9-13	34° 21'-8° 15' (22° 33'-5° 20')	28° 51'-6° 52' (18° 49'-4° 26')	19° 16'-4° 21' (12° 22'-2° 35')	ROTATION	9	32	59.0 (1.5) 37.4 (0.95)/Macro	1:2 Macro	62	15.3 (435)	ø3.0X4.6 (ø76.6x116.5)	○ DA17		○	○ "D" COMPATIBLE	○ "D" COMPATIBLE	○	○ "D" COMPATIBLE		
A08	SP AF200-500mm F/5-6.3 Di LD [IF]	200-500mm	F/5-6.3	10-13	12° 21'-4° 57' (7° 59'-3° 12')	10° 17'-4° 7' (6° 38'-2° 39')	6° 31'-2° 27' (4° 15'-1° 28')	ROTATION	9	32	98.4 (2.5)	1:5	86	43.2 (1,226)	ø3.7X8.8 (ø93.5x224.5)	○ DA08	○	○	○ "D" COMPATIBLE				○ "D" COMPATIBLE	Detachable tripod mount / Filter Effect Control

## Macro Lenses

MODEL	LENSES	FOCAL LENGTH (mm)	MAXIMUM APERTURE (F)	Lens Construction (Groups/Elements)	ANGLE OF VIEW (=the figures when used on APS-C sized digital camera)			TYPE OF ZOOMING	DIAPHRAGM BLADES	MINIMUM APERTURE (F)	MINIMUM FOCUS in. (m)	MAX MAG. RATIO	FILTER SIZE (ømm)	WEIGHT OZ. (g)	DIAMETER X LENGTH in. (mm)	ACCESSORY		MOUNT					REMARKS	
					Diagonal	Horizontal	Vertical									Lens Hood	Case	For Canon	For Nikon	For Nikon II	For Pentax	For Sony		
272E	SP AF90mm F/2.8 Di Macro 1:1	90mm	F/2.8	9-10	27° 2' (17° 37')	22° 37' (14° 41')	15° 6' (9° 31')	-	9	32	11.4 (0.29)	1:1	55	14.3 (405)	ø2.8X3.8 (ø71.5x97)	○ 2C9FH		○	○ "D" COMPATIBLE	○ "D" COMPATIBLE	○	○ "D" COMPATIBLE	With tele-converters, use the manual focus	
B01	SP AF180mm F/3.5 Di LD [IF] Macro 1:1	180mm	F/3.5	11-14	13° 42' (8° 52')	11° 25' (7° 22')	7° 23' (4° 34')	-	7	32	18.5 (0.47)	1:1	72	32.5 (920)	ø3.3X6.5 (ø84.8x165.7)	○ DB01	○	○	○ "D" COMPATIBLE				○ "D" COMPATIBLE	Detachable tripod mount

○ : Stands for a flower shaped hood.

For Nikon : AF motor is not built-in on Nikon model. When Nikon models are used with D40 series, D40X series and D60 series, the lenses function only in the manual focus mode.

For Nikon II : AF motor is built-in for Nikon II models. Aperture ring is not equipped.

### [Model A20 • Attention in the use and compatibility]

If you are using AF28-300mm Di VC (Model A20N II) with built-in AF motor, please be aware of the following information.

- When 28-300mm Di VC (Model A20) for Canon is used in combination with some of the EOS Series (film camera), the VC function may not work. 100QD, 10QD, 850, 750QD, 650, 620, 630QD.
- When 28-300mm Di VC (Model A20) for Nikon is used in combination with the following cameras, the VC mechanism does not function : F4, F401s, F5, F50, F501, F60, F801s, F90X, and all the MF cameras.
- 28-300mm Di VC (Model A20) for Nikon can not be mounted on KODAK DCS Pro14n.

### [Compatibility of Di series with built-in AF motor for Nikon with Nikon cameras]

■ The AF mode does not function when the NII mount is used with the early AF cameras with the built-in AF motor. Only the MF mode is available.

Cameras	AF	MF
US, F60D, F50D, F-801 series, F-601, F-501, F-401 series, F90 series, F90X series, F4 series, F5, F70D	×	○

\*NII mount in Di lens series can not be used with F3AF.

■ The NII mount in the Di series are not equipped with an aperture ring. Accordingly, there may be some limitations and restrictions upon using. For details, please refer to the following table.

Cameras	P*	S	A	M
D3, D300, D60, D2, D2H, D2Hs, D2X, D2Xs, D1, D1X, D1H, D200, D100, D80, D70S, D70, D50, D40X, D40, F6, F5, F100, F80, F80D, F80S, U2, U, US, F60D, F50D, F401, F401X, F401S	○	○	○	○
F4, F90X, F90XS, F90XD, F90, F90S, F90D, F70D, F801, F801S, F601M	○	○	×	×
F3AF, F601, F501, MF Camera (Except F-601M)	×	×	×	×

■ The NII mount in the Di series can not be used with the cameras listed as follows.

Cameras	
Pronea 600i, Pronea S	×

○ : Compatible × : Not compatible

\* : P includes "auto" mode and "image programming" mode.

[www.tamron.com](http://www.tamron.com)

**TAMRON CO., LTD.**

1385, Hasunuma, Minuma-ku, Saitama-shi, Saitama 337-8556 Japan  
Tel: +81-48-684-9339 Fax: +81-48-684-9349

**TAMRON®**

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



**Quality Assurance Activities:** At Tamron, quality management activities are performed in compliance with ISO9001:2000 not only to assure product quality but to enhance customer satisfaction.

**Environmental Protection:** We recognize the significance of our social responsibilities. Tamron promotes corporate activities that protect the earth's environment through the establishment of a quality assurance system that is compliant with ISO14001.

Head Office



TLG-EG-811-0811-0130

## OEM Products

Tamron is a leading supplier of high performance optical lens units that meet the critical quality standards of today's high-megapixel CCDs. Our know-how has contributed greatly to the success of the entire imaging industry.

## Optical Devices

Tamron creates and produces a comprehensive range of advanced, high precision optical devices by using our technological edge in design, process, and measurement technologies to deliver state-of-the-art products.

## CCTV (Surveillance) Cameras and Lenses

Tamron, an acknowledged leader in the surveillance arena, has pioneered such epoch-making advances as vari-focal lenses and innovative new CCTV cameras that are tailored to the special requirements of the security industry.

## Projection Lenses

Tamron manufactures high performance projection lenses optimized for a wide variety of devices including data projectors for business, home theater projectors, and rear projection TVs that all play a vital role in the digital age.