TAMRON
Focus on the Future



LENS CATALOG

2023.11

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TAMRON Lens Codes

70-180mm F/2.8 Di III VC VXD G2 (Model A065)
① ② ③ ④ ⑤ ⑥

① Focal length
② F-number range at open aperture
③ Compatibility with camera sensors
④ Image stabilization mechanism
⑤ Motor for auto focus
⑥ Generation 2 (lens version)

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

- ASL lens element
- LD lens element
- XLD lens element
- XR lens element
- XGM lens element
- GM lens element

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. For more than 70 years, TAMRON lenses have been the "creative eyes" of photographers at every level of experience.

MIRRORLESS LENS LINEUP



Truly a dream come true for mirrorless camera users

TAMRON's mirrorless lens series is designed to maximize the potential of mirrorless cameras and provides magnificent image quality without compromise despite being very fast and very compact. Who says great things can't come in small packages?

01 Lightweight and Compact

Take them with you anywhere. Because they're matched to lightweight mirrorless cameras, your entire system becomes light, fast and nimble.





02 Short Minimum Object Distance

Get closer to your subject. You can produce soft expressions with a shallow depth of field. Versatile, functional, and sensational—all at the same time.





03 Unified System of Lenses with 67mm Filters

The lineup features small and light designs suitable for pairing with mirrorless cameras, and the filter diameter of most is the same 67mm. In addition to providing excellent portability, costly filters can be used interchangeably. Plus, the hassle of looking for different-sized lens caps when switching lenses has been eliminated.

*35-150mm F2-2.8 and 150-500mm F5-6.7 are not filter size 67mm.



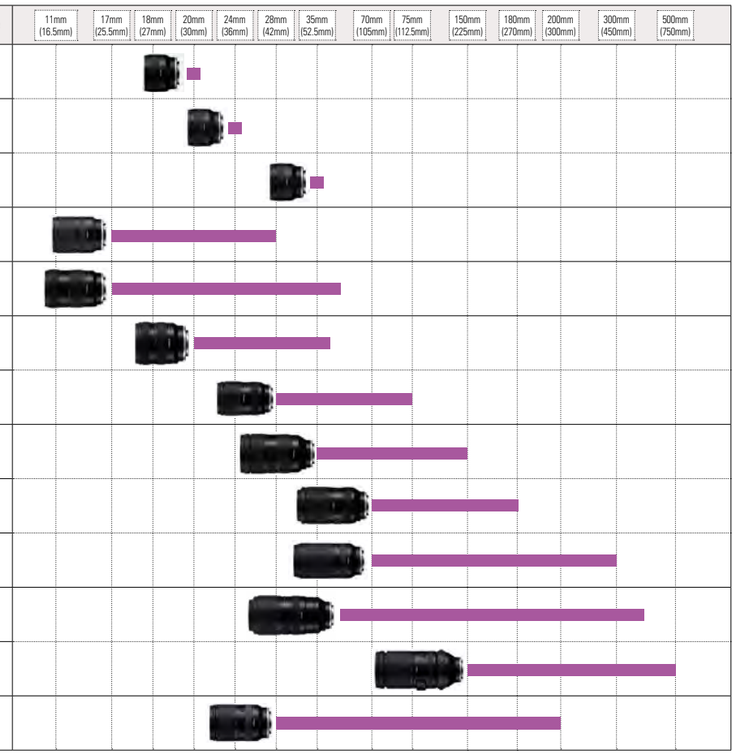
Advanced features, which support comfortable shooting, are applied to specific lenses.

Moisture-Resistant Construction	Fluorine Coating
BBAR / BBAR-G2 Coating	Hood locking mechanism
Zoom Lock switch	FLEX ZOOM LOCK mechanism
TAMRON Lens Utility™/ TAMRON Lens Utility Mobile™	

To learn more about each feature, go to P34-37. To learn more about TAMRON Lens Utility / TAMRON Lens Utility Mobile, go to P38-39.

Full-frame Lens

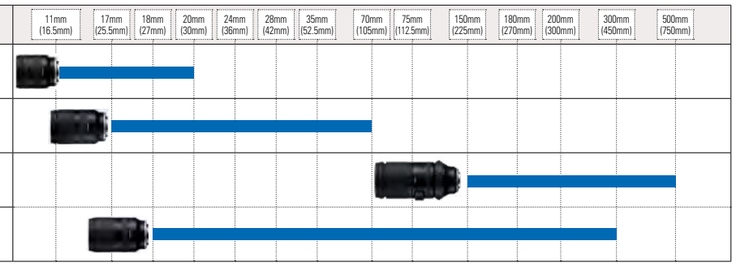
	Product	Mounts	Page
Fixed focal	20mm F/2.8 Di III OSD M1:2 (Model F050)	Sony E	27
	24mm F/2.8 Di III OSD M1:2 (Model F051)	Sony E	27
	35mm F/2.8 Di III OSD M1:2 (Model F053)	Sony E	27
Ultra wide-angle	17-28mm F/2.8 Di III RXD (Model A046)	Sony E	12
	17-50mm F/4 Di III VXD (Model A068)	Sony E	14
Standard	20-40mm F/2.8 Di III VXD (Model A062)	Sony E	13
	28-75mm F/2.8 Di III VXD G2 (Model A063)	Sony E	10
Telephoto	35-150mm F/2-2.8 Di III VXD (Model A058)	Sony E, Nikon Z	18
	70-180mm F/2.8 Di III VC VXD G2 (Model A065)	Sony E	16
	70-300mm F/4.5-6.3 Di III RXD (Model A047)	Sony E, Nikon Z	20
Ultra-telephoto	50-400mm F/4.5-6.3 Di III VC VXD (Model A067)	Sony E	22
	150-500mm F/5-6.7 Di III VC VXD (Model A057)	Sony E, Nikon Z	24
All-in-one	28-200mm F/2.8-5.6 Di III RXD (Model A071)	Sony E	26



* (XXmm): 35mm full-frame equivalent with APS-C format

APS-C Lens

	Product	Mounts	Page
Ultra wide-angle	11-20mm F/2.8 Di III-A RXD (Model B060)	Sony E, FUJIFILM X	28
Standard	17-70mm F/2.8 Di III-A VC RXD (Model B070)	Sony E, FUJIFILM X	30
Ultra-telephoto	150-500mm F/5-6.7 Di III VC VXD (Model A057)	FUJIFILM X	24
All-in-one	18-300mm F/3.5-6.3 Di III-A VC VXD (Model B061)	Sony E, FUJIFILM X	31



* (XXmm): 35mm full-frame equivalent focal length

Expand your creativity!

World's lightest trinity series



17-28mm F2.8 (Model A046) / 28-75mm F2.8 G2 (Model A063) / 70-180mm F2.8 G2 (Model A065)

Compact travel duo



17-28mm F2.8 (Model A046) / 28-200mm F2.8-5.6 (Model A071)

APS-C combo



11-20mm F2.8 (Model B060) / 17-70mm F2.8 (Model B070) / 18-300mm F3.5-6.3 (Model B061)

ENJOY NIKON Z Lens Series



01 35-150mm F/2-2.8 Di III VXD

The 35-150mm F2-2.8 is a high resolution travel zoom lens that enables photography of beautiful natural scenery, urban landscapes, impressive buildings, restaurant interiors, city night views and more while traveling, without having to change lenses or changing your distance from the subject when composing.

02 70-300mm F/4.5-6.3 Di III RXD

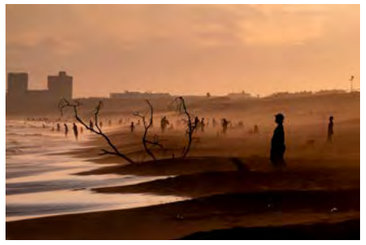
The 70-300mm F4.5-6.3 is a telephoto zoom lens designed and created so photographers of all skill levels can enjoy high quality images comfortably. The apparent image compression and the close-up effects characteristic of telephoto lenses naturally amplify photographic expression.

03 150-500mm F/5-6.7 Di III VC VXD

With its very compact design and high image quality, this lens overturns the conventional wisdom for ultra-telephoto zooms. It covers a 150-500mm focal length range while focusing on comfortable shooting, ensuring you never miss a moment. You will be amazed when you experience the powerful and unique world of ultra-telephoto lenses for yourself.



Camera: Nikon Z 7 · Focal length: 35mm
Exposure: F2 at 1/3200 sec. · ISO 100



Camera: Nikon Z 6II · Focal length: 300mm
Exposure: F14 at 1/6400 sec. · ISO 2500



Camera: Nikon Z 8 · Focal length: 500mm
Exposure: F7.1 at 1/2000 sec. · ISO 3200



35-150mm F2-2.8 (Model A058)
→see P18-19



70-300mm F4.5-6.3 (Model A047)
→see P20-21



150-500mm F5-6.7 (Model A057)
→see P24-25







TAMRON Lens Utility™ software for Nikon Z mount

■35-150mm F2-2.8 (Model A058)

The 35-150mm F2-2.8 zoom is compatible with the dedicated TAMRON Lens Utility software developed in-house by TAMRON that empowers users to easily update the lens to the latest firmware[1] without going through the camera, and also includes functions to support focusing operations and other actions when shooting still images or video. By utilizing a wide range of functions, users can expand the breadth of expression in still images and video.

■70-300mm F4.5-6.3 (Model A047)/
150-500mm F5-6.7 (Model A057)[2]

With the Nikon Z mount version, the TAMRON Lens Utility software enables users to easily update the lens to the latest firmware themselves without going through the camera.

1 Lens firmware updates are not supported with the Mobile version. Performing firmware updates requires the TAMRON Lens Utility for PC and a computer.

2 As the 70-300mm F4.5-6.3 and the 150-500mm F5-6.7 are not equipped with a Focus Set Button, certain functions cannot be customized.

*This product is developed, manufactured, and sold under the license agreement with Nikon Corporation.

ENJOY FUJIFILM X Lens Series



A new appearance in the FUJIFILM lineup to enrich the shooting experience

There are now four APS-C mirrorless lenses available for the FUJIFILM X-mount. Each of them expands the range of expression by adding high-speed, high-precision AF and excellent close-range shooting performance to the balance of high resolution, light weight and compact size. From wide-angle to ultra-telephoto, enjoy a wide range of shooting with lenses suited to the task.

01 17-70mm F/2.8 Di III-A VC RXD

The 17-70mm F2.8 balances a fast F2.8 aperture with a 4.1x zoom ratio and a 17-70mm focal length range (a full-frame equivalent of 25.5-105mm). The lens is also equipped with a VC mechanism that uses AI technologies to facilitate video shooting. This lens captures all the excitement and discoveries with the finest possible detail.



Camera: FUJIFILM X-T4 · Focal length: 24.4mm
Exposure: F11 at 1/640 sec. · ISO 160
Film Simulation: Velvia



17-70mm F2.8 (Model B070)
→see P30

02 18-300mm F/3.5-6.3 Di III-A VC VXD

This all-in-one zoom achieves a zoom ratio of 16.6x and an 18-300mm focal length range (a full-frame equivalent of 27-450mm). Zooming from wide-angle to ultra-telephoto, this single lens lets you capture a broad array of shooting situations, including sports, wildlife, landscape, and snapshots.



Camera · FUJIFILM X-S10 · Focal length: 18mm
Exposure: F7.1 at 1/800 sec. · ISO 160
Film Simulation: Velvia/Vivid



18-300mm F3.5-6.3 (Model B061)
→see P31

03 150-500mm F/5-6.7 Di III VC VXD

With its very compact design and high image quality, this lens overturns the conventional wisdom for ultra-telephoto zooms. It covers a 150-500mm focal length range (a full-frame equivalent of 225-750mm) while focusing on comfortable shooting, ensuring you never miss a moment. You will be amazed when you experience the powerful and unique world of ultra-telephoto lenses for yourself.



Camera: FUJIFILM X-T4 · Focal length: 500mm
Exposure: F6.7 at 1.0 sec. · ISO 6400



150-500mm F5-6.7 (Model A057)
→see P24-25

Express yourself with the unique features of FUJIFILM cameras

TAMRON lenses for FUJIFILM X-mount support Film Simulation, one of the big features of the X series. With Film Simulation options including PROVIA/Standard, Velvia/Vivid and MONOCHROME (+Ye/R/G FILTER), create images that reflect your style by combining rich color expressions with the outstanding features of TAMRON lenses.

04 11-20mm F/2.8 Di III-A RXD

The 11-20mm F2.8 is so lightweight and compact that it is hard to believe it is a fast-aperture ultra wide-angle zoom lens. It produces clear images and high-resolution performance throughout the zoom range and will expand your enjoyment of shooting by combining excellent portability with the ability to capture images unique to fast-aperture ultra wide-angle lenses.



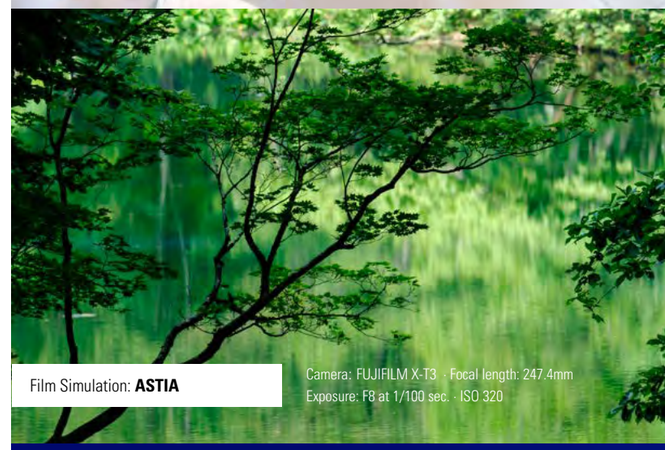
Camera: FUJIFILM X-T5 · Focal length: 11mm
Exposure: F7.1 at 1/50 sec. · ISO 125
Film Simulation: PROVIA



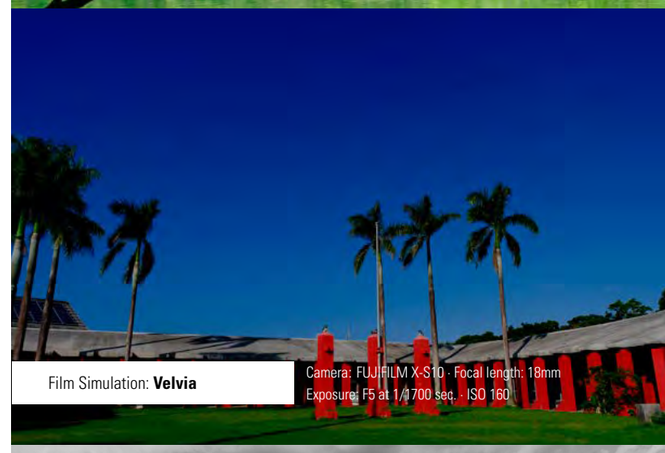
11-20mm F2.8 (Model B060)
→see P28-29



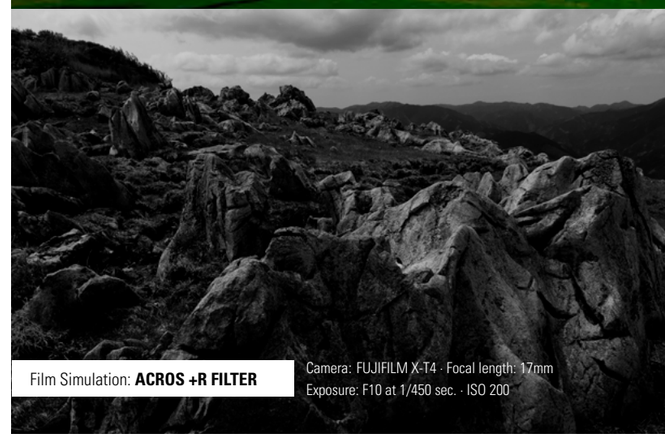
Film Simulation: **CLASSIC CHROME**
Camera: FUJIFILM X-T4 · Focal length: 28mm
Exposure: F4 at 1/45 sec. · ISO 160



Film Simulation: **ASTIA**
Camera: FUJIFILM X-T3 · Focal length: 247.4mm
Exposure: F8 at 1/100 sec. · ISO 320



Film Simulation: **Velvia**
Camera: FUJIFILM X-S10 · Focal length: 18mm
Exposure: F5 at 1/4700 sec. · ISO 160



Film Simulation: **ACROS +R FILTER**
Camera: FUJIFILM X-T4 · Focal length: 17mm
Exposure: F10 at 1/450 sec. · ISO 200

28-75mm F/2.8 Di III VXD G2

MIRRORLESS FULL FRAME

All new G2.
Great performance just got better.

Spectacular optical performance

With the goal of producing outstanding high image quality befitting a new fast-aperture zoom lens, TAMRON redesigned the optical design in the new 28-75mm F2.8 G2 from scratch. Special lens elements effectively minimize optical aberrations to an extreme degree. The lens demonstrates high resolving power to the edges of the frame at all focal lengths, while also offering the soft and beautiful bokeh that is distinctive to fast-aperture lenses.

Capture all the action with high-speed, high-precision AF

The AF drive system is equipped with VXD linear motor focus mechanism, which is exceptionally responsive and operates at high speed with great precision. With reliable, speedy focusing from the MOD to infinity and extremely good focus tracking, you are ready for those important moments even when photographing fast-moving subjects.

Get powerful shots with a short MOD

The MOD is 0.18m at the wide 28mm end, that allows photographers to capture powerful shots that emphasize the perspective effects unique to wide-angle photography when shooting close-ups. The max. magnification ratio is 1:2.7. Get closer to any subject and enjoy the world of wide macro photography.



Exciting new lens design improves both operation and ergonomics



TAMRON Lens Utility™

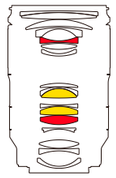


Users can customize the functions and update the firmware through the lens.

Outstanding resolution and superb overall performance in a light weight and compact zoom lens. The 28-75mm F2.8 G2 is the successor to the popular 1st-generation 28-75mm F2.8 (Model A036). High definition and spectacular image quality are the key areas of advancements. Not only that, but also auto-focusing speed and closeup shooting capabilities have been improved. This exciting lens is equipped with groundbreaking features that enable users to easily perform customization and firmware updates themselves. Additionally, TAMRON has adopted a new design with improved ergonomics and revised the coating of the lens exterior to improve scratch resistance. Taken altogether, the enhanced features create a potent, everyday zoom lens befitting the very latest generation of mirrorless cameras.

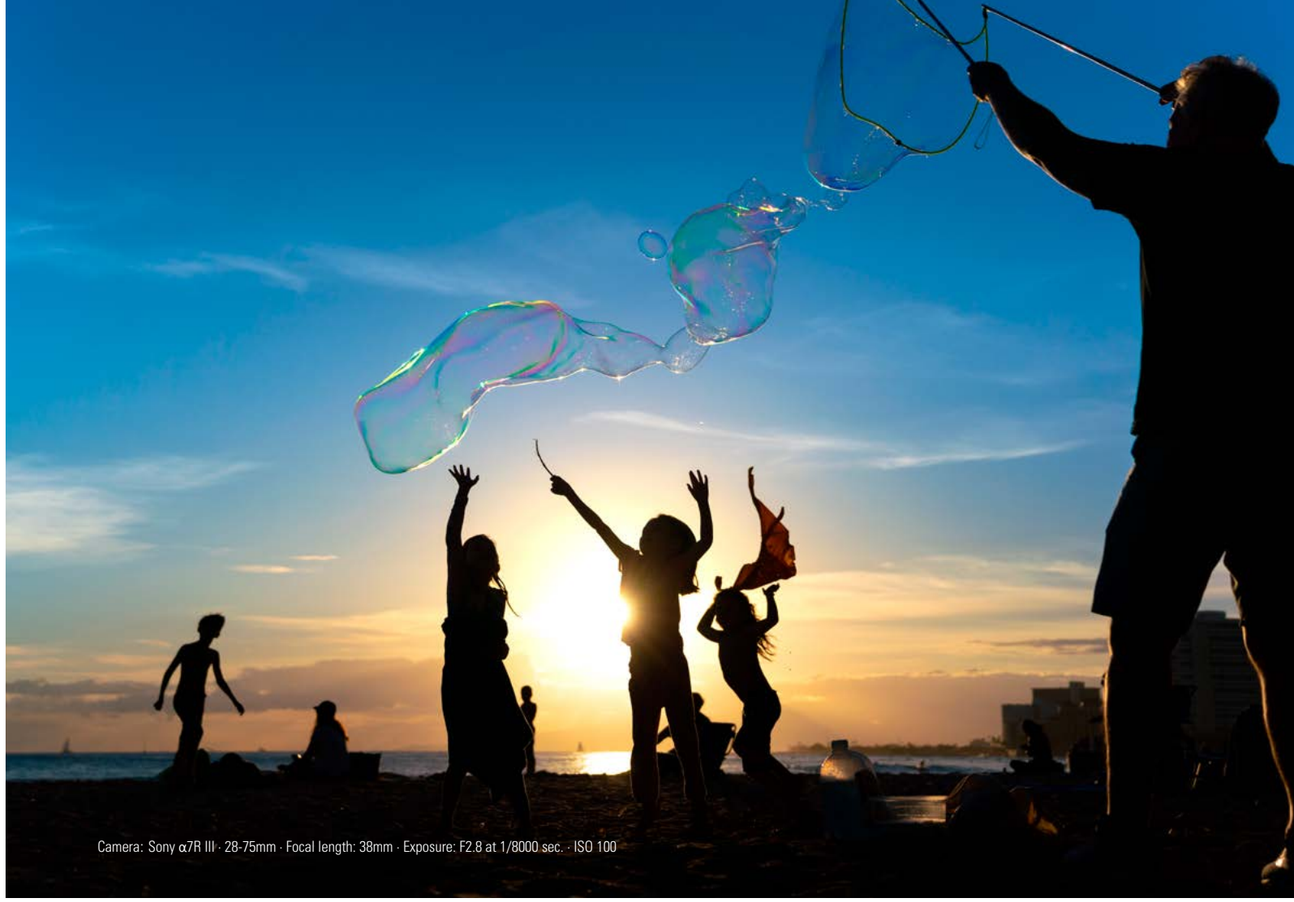
Di III VXD FLR MR LD GM IF

SONY E Model A063



Optical Construction: 17 elements in 15 groups
Filter Size: ø67mm
Length: 117.6mm (4.6in)
Weight: 540g (19oz)
Minimum Object Distance: 0.18m (7.1in) [WIDE]
0.38m (15in) [TELE]

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.



Camera: Sony α7R III · 28-75mm · Focal length: 38mm · Exposure: F2.8 at 1/8000 sec. · ISO 100



Camera: Sony α7R III · 28-75mm · Focal length: 28mm · Exposure: F2.8 at 1/1250 sec. · ISO 400

Ultra wide-angle zoom / Standard zoom



Camera: Sony α7R III · 17-28mm · Focal length: 17mm · Exposure: F6.3 at 1/200 sec. · ISO 160



Camera: Sony α7R III · 20-40mm · Focal length: 20mm · Exposure: F6.3 at 1/5 sec. · ISO 1000



17-28mm F/2.8 Di III RXD

MIRRORLESS FULL FRAME

The 17-28mm F2.8 gives life to a new range of creative choices.
Where fast-aperture (F2.8) meets small filter size (67mm).

The 17-28mm F2.8 is a fast-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, fast constant F2.8 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, makes the 17-28mm F2.8 zoom ideal for daily use.

Di III | RXD | FLR | MR | LD | XLD | GM | ASL | IF

SONY E Model A046

Superior close-up shooting performance

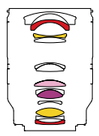


17mm F2.8 1/100sec ISO 400

Exciting trio of fast F2.8 zoom



From the left: the 17-28mm F2.8 (Model A046), the 28-75mm F2.8 G2 (Model A063), and the 70-180mm F2.8 (Model A056)



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]



20-40mm F/2.8 Di III VXD

MIRRORLESS FULL FRAME

Standard zoom gets a new start!
Zoom from 20mm ultra wide-angle to normal.

The lens starts from 20mm at the ultra wide-angle end and covers up to 40mm in the standard focal range. Despite the breadth of the zoom range, it still offers class-leading compact size and light weight. Useful in a wide variety of shooting situations, the new zoom is ideal for everything from casual snaps and family events to landscapes, and even indoor photography. In addition, it is also ideal for self-shooting during vlogs and other content. All these exciting features are brought together into a super-compact package, making the 20-40mm F2.8 a lens that lets you enjoy hassle-free shooting.

Di III | VXD | FLR | MR | LD | GM | ASL | IF

SONY E Model A062

Awesome videos and selfies at 20mm

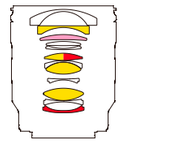


The 20mm ultra-wide focal length is one advantage that the background can be incorporated when selfie shooting.

TAMRON Lens Utility™



Users can customize the Focus Ring settings and update the firmware through the lens.



Optical Construction: 12 elements in 11 groups
Filter Size: ø67mm
Length: 86.5mm (3.4in)
Weight: 365g (12.9oz)
Minimum Object Distance: 0.17m (6.7in) [WIDE]
0.29m (11.4in) [TELE]

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.

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17-50mm F/4 Di III VXD

NEW

MIRRORLESS FULL FRAME

Your World Expanded.
The TAMRON 17-50mm.

Advanced optical performance with rich bokeh at F4

The optical construction consists of 15 elements in 13 groups. With the precise arrangement of special lens elements, including three LD, one GM and two hybrid aspherical lens elements, chromatic and other aberrations are effectively suppressed. The resolving power across the entire frame with clarity and sharpness, and full use of the rich bokeh delivered by the F4 wide-open aperture get you close to that perfect shot.

Compact, lightweight body and internal zooming

The lens weighs just 460g and is a compact 114.4mm long, a size that's well-balanced even when attached to a Sony mirrorless camera body. The lens has a fixed barrel length and internal zoom mechanism that minimizes changes to the center of gravity while shooting. It's easy to maintain framing while shooting still images and video, and it can be easily balanced when paired with a video rig or gimbal stabilizer.

Extremely quiet, high-speed and high-precision AF

The lens's AF drive uses the VXD linear motor focus mechanism. The AF drive features high-speed operations and achieves positional accuracy in miniscule 0.005mm increments. Equipped with high-speed and high-precision autofocus among the best in its class, the 17-50mm F4 ensures you won't miss a shot when out and about or traveling.





TAMRON Lens Utility™

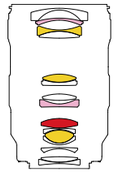


Users can customize the functions and update the firmware through the lens.

The 17-50mm F4 covers a versatile zoom range from ultra-wide through standard focal lengths—no need to switch lenses. From landscapes containing dynamic compositions of sprawling vistas to casual snaps and portraits in the standard range, you'll be amazed by the rich variation that's possible with a single compact lens. What's more, this zoom lens provides an F4 aperture throughout the zoom range, making it ideal not just for still images but also video shooting. The 17-50mm F4 will dramatically expand your range of possible expression, paving the way to all-new creative photographic experiences.

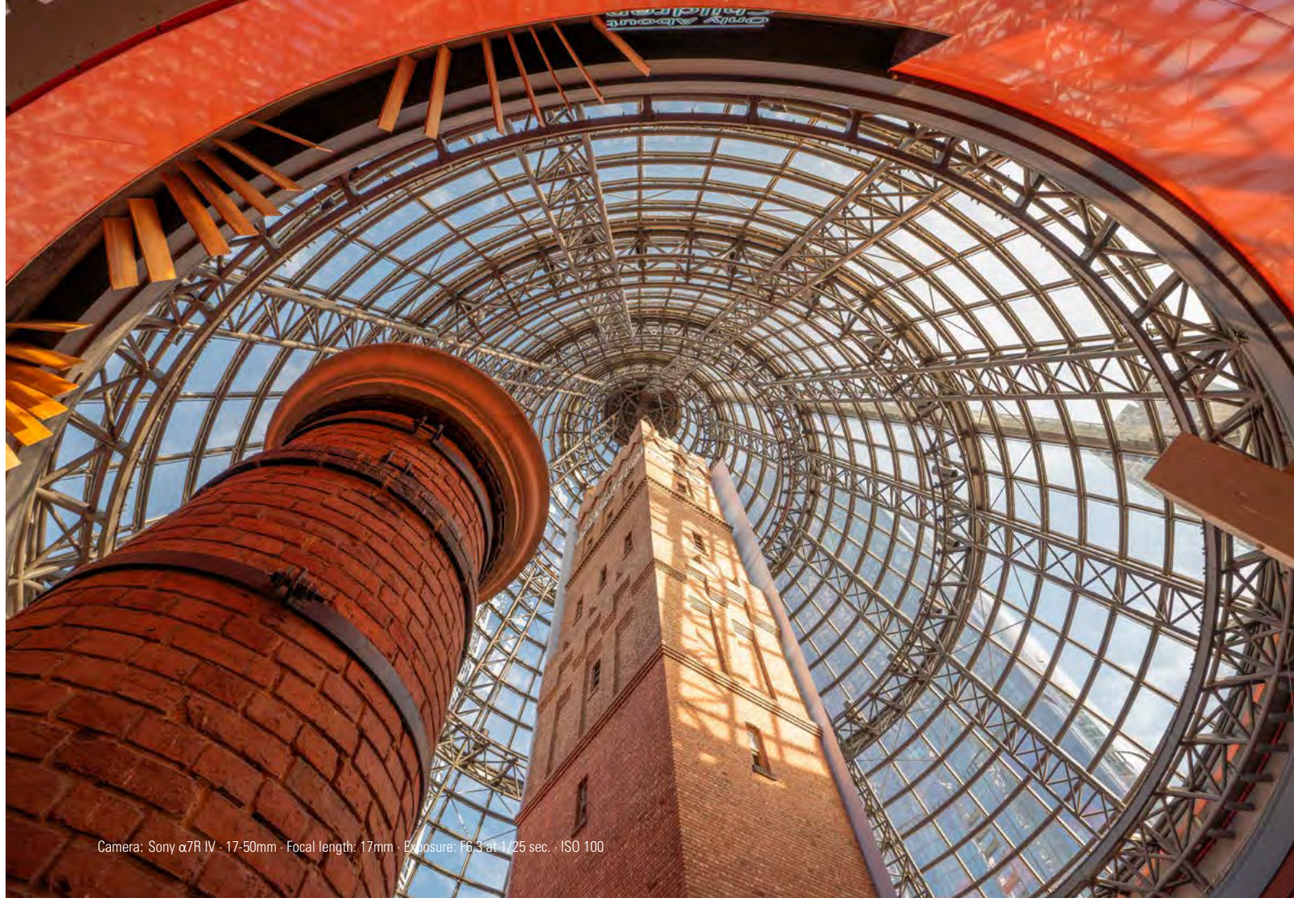
Di III | VXD | FLR | MR | LD | GM | ASL | IF

SONY E Model A068



Optical Construction: 15 elements in 13 groups
Filter Size: ø67mm
Length: 114.4mm (4.5in)
Weight: 460g (16.2oz)
Minimum Object Distance: 0.19m (7.5in) [WIDE]
0.3m (11.8in) [TELE]

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.



Camera: Sony α7R IV · 17-50mm · Focal length: 17mm · Exposure: F6.3 at 1/25 sec. · ISO 100



Camera: Sony α7R IV · 17-50mm · Focal length: 50mm · Exposure: F4 at 1/250 sec. · ISO 400

70-180mm F/2.8 Di III VC VXD G2

NEW

MIRRORLESS FULL FRAME

Agility at an all-new level.
70-180mm F2.8 VC G2.

Amazing performance captures the world in vivid detail

The design of the 70-180mm F2.8 G2 has been completely reworked from the ground up to attain uncompromising optical performance throughout the entire zoom range. The precision combination of multiple special lens elements further enhance the ability to correct for chromatic and various other aberrations and the BBAR-G2 Coating suppresses ghosting and flare.

Fast and precise AF and improved tracking performance

The AF drive continues to employ the VXD linear motor focus mechanism. With astoundingly agile performance, this AF system faithfully fulfils the intentions of the photographer to a high degree of precision in steps of 0.005mm, less than one-tenth the width of a human hair. Furthermore, the precise calculations have been applied to further enhance the tracking performance of moving objects.

VC mechanism empowers mobility

The lens is equipped with TAMRON's proprietary VC mechanism. This suppresses camera shake that tends to occur when shooting at the telephoto end or during close focusing. It's also highly effective when shooting in low-light conditions. Moreover, using AI technologies, the lens chooses the appropriate compensation characteristics for videography at focal lengths of 100mm or less to powerfully support the inherent optical performance of the lens.





70mm F4.5 1/8sec ISO100

TAMRON Lens Utility™



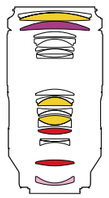
Users can customize the functions and update the firmware through the lens.

The 70-180mm F2.8 G2 (Model A065) is the "G2" 2nd-generation successor to the 70-180mm F2.8 (Model A056), a lens that won astounding acclaim from the marketplace. The new model keeps its fast F2.8 aperture, while being newly equipped with TAMRON's proprietary VC and offering greatly improved close-up capability. Even with these new features, the lens is the world's smallest size and lightest weight[1] for its class. The optical design has been completely revamped from the 1st-generation model to further refine its exceptional optical performance. These advancements amplify the joy of capturing the world around you.

1 Among full-frame compatible fast-aperture F2.8 telephoto zoom lenses equipped with Vibration Compensation (As of August, 2023: TAMRON)

Di III | VC | VXD | FLR | MR | LD | XLD | GM | ASL | IF | ZL

SONY E Model A065



Optical Construction: 20 elements in 15 groups
Filter Size: ø67mm
Length: 156.5mm (6.2in)
Weight: 855g (30.2oz)
Minimum Object Distance: 0.3m (11.8in) [WIDE]
0.85m (33.5in) [TELE]

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.



Camera: Sony α1 · 70-180mm G2 · Focal length: 116mm · Exposure: F2.8 at 1/250 sec. · ISO 200



Camera: Sony α1 · 70-180mm G2 · Focal length: 180mm · Exposure: F2.8 at 1/1600 sec. · ISO 100

35-150mm F/2-2.8 Di III VXD

NEW

MIRRORLESS FULL FRAME

For dramatic tales of your travels, world's first[1] staring at F2.

Amazing high resolution

Optimal combination of special lens elements assures high optical performance that enhances your ability to capture all the incredible scenery. Max. aperture of F2-2.8 enables you to achieve beautiful, soft bokeh across the entire zoom range. The lens also makes it possible to capture subjects clearly in more situations. The lens's fast max. aperture helps you control camera movement by permitting a higher shutter speed, or when trying to reduce noise by choosing a low ISO.

Capture everything from the wide-angle to telephoto with a single lens

This zoom lens covers everything from the 35mm wide angle to 150mm telephoto, including all the common focal lengths that are already familiar to you, giving you more creative options than ever before. Seamlessly take photos without switching lenses. Change composition without changing your distance from the subject. You can use just this one lens to capture a wide range of photos.

Stunning close-up images

At the 35mm wide-angle end, the MOD is 0.33m, producing a max. magnification ratio of 1:5.7. In addition to boldly accentuating the subject, you can make it stand out by creating a beautifully blurred background utilizing the fast F2-2.8 max. aperture. You can also take unique, one-of-a-kind photos.



for Sony for Nikon

Exciting new lens design improves both operation and ergonomics



TAMRON Lens Utility™



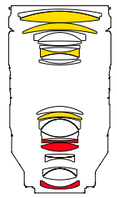
Users can customize the functions and update the firmware through the lens.

The 35-150mm F2-2.8 is a high-resolution travel zoom lens that covers everything from the 35mm wide angle to the 150mm telephoto focal length, the first zoom lens achieving an aperture of F2 at the wide-angle end for Sony full-frame mirrorless cameras. Utilizing the linear motor focus mechanism VXD achieves high-speed, high precision autofocusing. The innovative lens design improves both operation and ergonomics. Also, the Connector Port enables users to apply the TAMRON Lens Utility, developed in-house, to easily customize functions and to update firmware. The 35-150mm F2-2.8 empowers you to clearly capture the scenes as you envision them with its overwhelming resolving power and amazing flexibility.

1 Among fast-aperture interchangeable zoom lenses for Sony and Nikon full-frame mirrorless cameras (As of July 2023: TAMRON)

Di III VXD FLR MR LD GM IF ZL HL

SONY E NIKON Z Model A058



Optical Construction: 21 elements in 15 groups
Filter Size: ø82mm
Length: 158mm/6.2in (Sony)
160.1mm/6.3in (Nikon)
Weight: 1,165g/41.1oz (Sony)
1,190g/42oz (Nikon)
Minimum Object Distance: 0.33m (13in) [WIDE]
0.85m (33.5in) [TELE]

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.
*This product is developed, manufactured, and sold under the license agreement with Nikon Corporation.



Camera: Sony α7R IV · 35-150mm · Focal length: 107mm · Exposure: F2.8 at 1/3200 sec. · ISO 100



Camera: Nikon Z 7 · 35-150mm · Focal length: 35mm · Exposure: F2.8 at 1/1000 sec. · ISO 64



Camera: Sony α9 II · 70-300mm · Focal length: 300mm · Exposure: F6.3 at 1/640 sec. · ISO 1250



for Sony

70-300mm F/4.5-6.3 Di III RXD

MIRRORLESS FULL FRAME

The world's smallest and lightest[1] telephoto zoom lens.
Zoom in and enjoy the world around you.

The 70-300mm F4.5-6.3 is designed so photographers of all skill levels can enjoy high quality images comfortably. With the special lens elements, users can enjoy high-resolution images combined with the stunning bokeh. The AF drive system is powered by the RXD stepping motor unit to deliver high-speed, high-precision performance. The apparent image compression and the close-up effects characteristic of telephoto lenses naturally amplify photographic expression.

1 Among 300mm-capable telephoto zoom lenses for full-frame mirrorless cameras (As of August, 2022: TAMRON)

Di III RXD MR LD IF

SONY E Model A047

High quality images with beautiful, dreamy bokeh



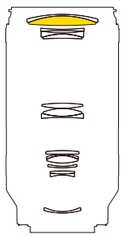
300mm F11 1/125sec ISO 800

Superb AF keeps it sharp and quiet



163mm F5.6 1/2500sec ISO 640

*APS-C format camera is used: 244.5mm equivalent focal length



Optical Construction: 15 elements in 10 groups
Filter Size: ø67mm
Length: 148mm/5.8in (Sony)
150.3mm/5.9in (Nikon)
Weight: 545g/19.2oz (Sony)
580g/20.5oz (Nikon)
Minimum Object Distance :0.8m (31.5in) [WIDE]
1.5m (59.1in) [TELE]



with TAMRON
70-300mm F4.5-6.3
telephoto zoom

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.

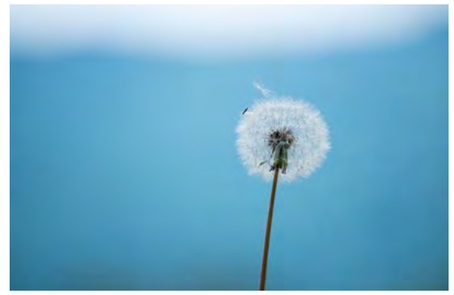
for Nikon

70-300mm F/4.5-6.3 Di III RXD

MIRRORLESS FULL FRAME

Di III RXD MR LD IF

NIKON Z Model A047



300mm F6.3 1/250sec ISO800



298mm F6.3 1/20sec ISO100



A high-resolution telephoto zoom lens that is powerful, portable, and fun

To make the 300mm telephoto focal length more fun and accessible, TAMRON focused intently on designing a telephoto zoom lens that's both small and lightweight.

*This product is developed, manufactured, and sold under the license agreement with Nikon Corporation.

50-400mm F/4.5-6.3 Di III VC VXD

MIRRORLESS FULL FRAME

8x ultra-telephoto lens zooms from 50mm.

Covers 50mm standard up to 400mm at the ultra-telephoto

With a focal length of 50mm at the wide end, you can create images that capture the subject and also make use of the background as well as subjects that may continuously move closer and further away, such as when whale watching, shooting sports at the sidelines, and photographing animals in habitats.

Outstanding image quality throughout the entire zoom range

The optical construction is 24 elements in 18 groups. The generous and effective use of special lens elements thoroughly controls aberrations including axial chromatic aberrations. Thanks to BBAR-G2 Coating, ghosting and flare are minimized to express the minute details of subjects even under backlit conditions.

Fast and precise AF, plus VC for stable handheld shooting

The renowned VXD linear motor focus mechanism combines class-leading speed and precision, enabling fast and accurate focusing from MOD through to infinity. The lens is also equipped with TAMRON's proprietary VC mechanism, and effectively controls camera shake that can occur when shooting at telephoto focal lengths.



1:2 magnification ratio at the 50mm end



50mm F4.5 1/2000sec ISO 640

TAMRON Lens Utility™



Users can customize the functions and update the firmware through the lens.

Compatible with Model A035TM tripod mount (optional)



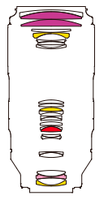
The 50-400mm F4.5-6.3 is the unprecedented, next-level ultra-telephoto zoom lens for Sony E-mount full-frame mirrorless cameras. Featuring a stunning 8x zoom ratio, it provides a wide range of focal lengths that covers the standard 50mm and stretches all the way to 400mm at the ultra-telephoto end. In spite of high resolving power and extraordinary reach, the 50-400mm F4.5-6.3 is incredibly compact with a length of just 183.4mm and a light weight of 1,155g. This one lens captures a lively world with all the clarity you desire and can guide you to exhilarating new photographic experiences.

Di III | VC | VXD | FLR | MR | LD | XLD | GM | ASL | IF | DMPU | ZL

SONY E | Model A067







Optical Construction: 24 elements in 18 groups
Filter Size: ø67mm
Length: 183.4mm (7.2in)
Weight: 1,155g (40.7oz)
Minimum Object Distance: 0.25m (9.8in) [WIDE]
1.5m (59.1in) [TELE]

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.



Camera: Sony α7R III · 50-400mm · Focal length: 167mm · Exposure: F6.3 at 1/2000 sec. · ISO 400



Camera: Sony α1 · 50-400mm · Focal length: 268mm · Exposure: F25 at 1/160 sec. · ISO 400

Ultra-telephoto zoom



Camera: Sony α9 II · 150-500mm · Focal length: 500mm · Exposure: F7.1 at 1/500 sec. · ISO 100



Camera: Nikon Z 8 · 150-500mm · Focal length: 367mm · Exposure: F6.3 at 1/1000 sec. · ISO 6400



for Sony

for FUJIFILM

150-500mm F/5-6.7 Di III VC VXD

MIRRORLESS FULL FRAME APS-C

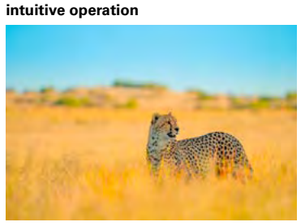
Unprecedented ultra-telephoto 500mm zoom sets your creative vision free.
VC and fast AF ensure you'll never miss a magnificent moment.

The 150-500mm F5-6.7 upends conventional wisdom for ultra-telephoto zoom lenses, with a very compact design and high image quality. The design places major emphasis on image quality, while producing soft and beautiful bokeh. Also, high-speed, high-precision linear motor focus mechanism VXD and VC ensure that no photogenic moment is ever missed. Additionally, an MOD of 0.6m at the 150mm end allows you to enjoy telephoto macro shooting.

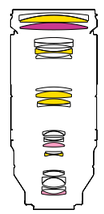
Di III | VC | VXD | FLR | MR | LD | XLD | ASL | IF | ZL | DMPU

SONY E | FUJIFILM X | Model A057

Ultra-telephoto zoom with comfortable, intuitive operation



500mm F6.7 1/1000sec ISO 400



Optical Construction: 25 elements in 16 groups
Filter Size: ø82mm
Length: 209.6mm/8.3in (Sony)
212.3mm/8.4in (Nikon)
209.9mm/8.3in (FUJIFILM)
Weight: 1,725g/60.8oz (without tripod mount)/ (Sony)
1,720g/60.7oz (without tripod mount)/ (Nikon)
1,710g/60.3oz (without tripod mount)/ (FUJIFILM)
Tripod mount 155g/5.5oz
Minimum Object Distance: 0.6m (23.6in) [WIDE]
1.8m (70.9in) [TELE]

for Sony/Nikon for FUJIFILM

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.
*When a full-frame camera is used, focal length is 150-500mm. When an APS-C camera is used, the focal length is 225-750mm (full-frame equivalent).



for Nikon



150mm F6.3 1/2000sec ISO400



462mm F6.7 1/5000sec ISO400

150-500mm F/5-6.7 Di III VC VXD

NEW

MIRRORLESS FULL FRAME

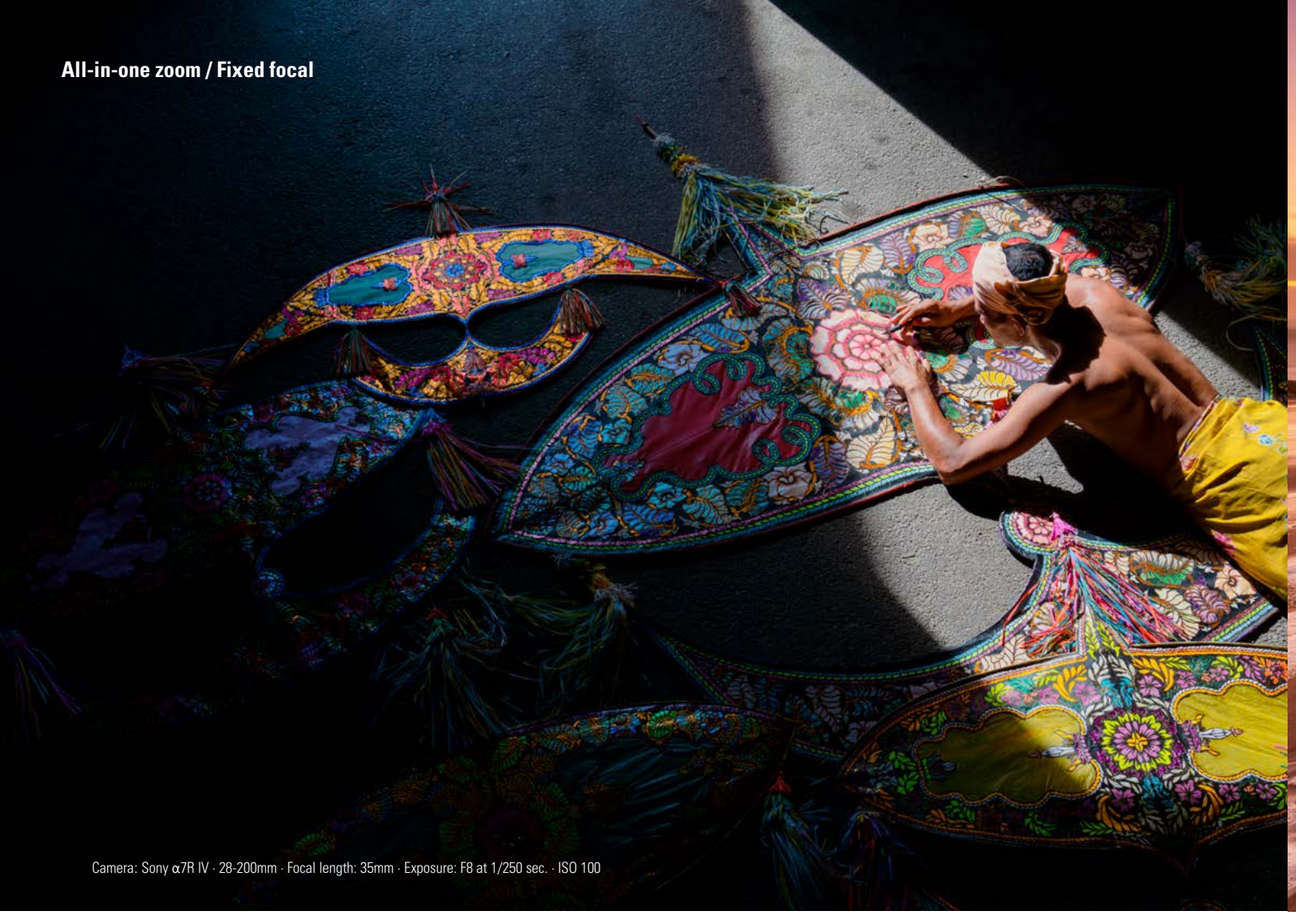
Di III | VC | VXD | FLR | MR | LD | XLD | ASL | IF | ZL | DMPU

NIKON Z | Model A057



The VXD linear motor focus mechanism delivers extreme high-speed and high-precision movement and ensures exceptionally responsive performance. Even when shooting at the ultra-telephoto end, the 150-500mm F5-6.7 enables comfortable, stress-free focusing.

*This product is developed, manufactured, and sold under the license agreement with Nikon Corporation.



Camera: Sony α7R IV · 28-200mm · Focal length: 35mm · Exposure: F8 at 1/250 sec. · ISO 100



28-200mm F/2.8-5.6 Di III RXD

MIRRORLESS FULL FRAME

Unprecedented blend of optical performance and versatility.
First all-in-one zoom starting at F2.8[1].

All of TAMRON's technical know-how regarding all-in-one zoom lenses has been distilled to create this 28-200mm F2.8-5.6. The lens has a fast max. aperture of F2.8 at 28mm, a world's first for all-in-one zoom lenses, and delivers high-level performance throughout the entire zoom range. Although covering a wide range of focal lengths, the lens is light weight and compact. The AF drive includes an RXD motor unit to help you stay focused on the action. This innovative all-in-one zoom lens vividly captures virtually all possible scenes, from landscape photography to portrait photos and snapshots.

1 Maximum aperture in zoom range among currently available all-in-one interchangeable zoom lenses with a zoom ratio of 7x or higher (As of May, 2020: TAMRON)

Di III | RXD | FLR | MR | LD | XLD | GM | ASL | IF | ZL

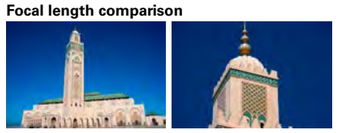
SONY E Model A071

Amazing close-up performance and beautifully blurred background bokeh

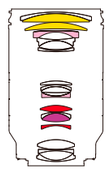


28mm F2.8 1/320sec ISO 100

Focal length comparison



Focal length: 28mm Focal length: 200mm



Optical Construction: 18 elements in 14 groups
Filter Size: ø67mm
Length: 117mm (4.6in)
Weight: 575g (20.3oz)
Minimum Object Distance: 0.19m (7.5in) [WIDE]
0.8m (31.5in) [TELE]

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.



Camera: Sony α7R III · 20mm · Focal length: 20mm · Exposure: F14 at 10 sec. · ISO 50

20mm & 24mm & 35mm F/2.8 Di III OSD M1:2

MIRRORLESS FULL FRAME

Get up close with these wide-angle fixed focal lenses.
Small but mighty! Magnification ratio is 1:2.

In addition to F2.8 aperture, all have enhanced close-focusing capability (1:2 reproduction ratio). Choose the ultra-wide 20mm F2.8 (Model F050) to stretch your imagination. Or the 24mm F2.8 (Model F051) to widen your horizons. And the must-have lens for everyday use is the 35mm F2.8 (Model F053). For outstanding performance, each is constructed using special lens elements effectively arranged to quash aberrations.

Get closer to your subject!





20mm F/2.8 Di III OSD M1:2



Optical Construction : 10 elements in 9 groups
Filter Size : ø67mm
Length : 64mm (2.5in)
Weight : 220g (7.8oz)
Minimum Object Distance : 0.11m (4.3in)

Di III | OSD | FLR | MR | LD | GM | SONY E Model F050



24mm F/2.8 Di III OSD M1:2



Optical Construction : 10 elements in 9 groups
Filter Size : ø67mm
Length : 64mm (2.5in)
Weight : 215g (7.6oz)
Minimum Object Distance : 0.12m (4.7in)

Di III | OSD | FLR | MR | LD | GM | SONY E Model F051



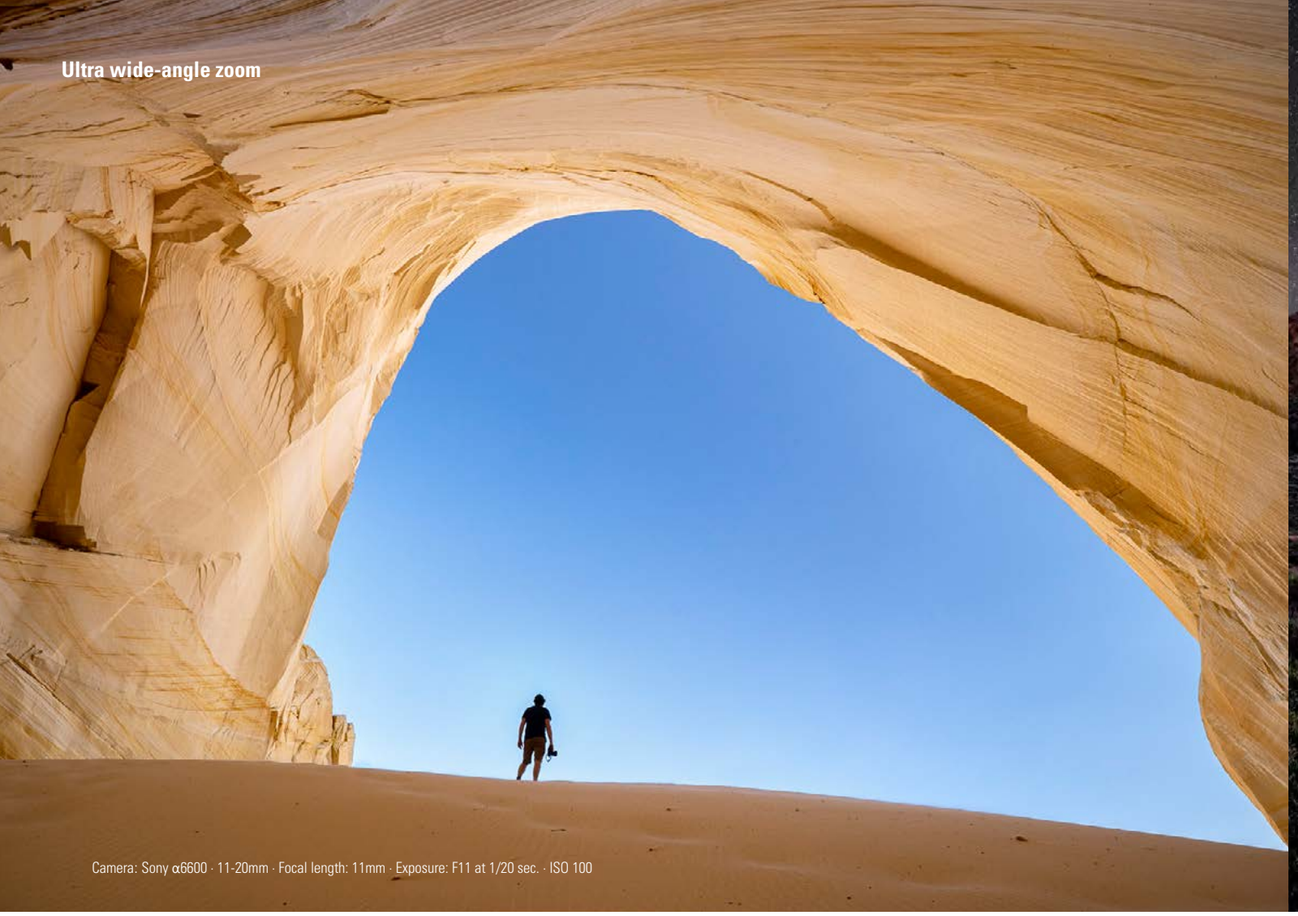
35mm F/2.8 Di III OSD M1:2



Optical Construction :9 elements in 8 groups
Filter Size : ø67mm
Length : 64mm (2.5in)
Weight : 210g (7.4oz)
Minimum Object Distance : 0.15m (5.9in)

Di III | OSD | FLR | MR | LD | GM | SONY E Model F053

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.



Camera: Sony α6600 · 11-20mm · Focal length: 11mm · Exposure: F11 at 1/20 sec. · ISO 100



for Sony

11-20mm F/2.8 Di III-A RXD

MIRRORLESS APS-C

World's first[1] 11-20mm F2.8.
Nothing escapes this high-performance ultra wide-angle zoom.

With outstanding portability, the 11-20mm F2.8 is a fast-aperture ultra wide-angle zoom lens for Sony E and FUJIFILM X-mount APS-C mirrorless cameras, offering the unprecedented brightness of constant F2.8. Optimally arranged special lens elements effectively suppress aberrations and deliver clear and high-resolution images. Its superb close-up performance ensures the ability to close in on subjects as you please.

1 Among interchangeable F2.8 ultra wide-angle zoom lenses for Sony E-mount APS-C mirrorless cameras (As of April 2023: TAMRON)

Di III-A | RXD | FLR | MR | LD | XLD | GM | IF

SONY E Model B060

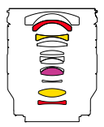


20mm F2.8 1/250sec ISO 200

Explore a wide variety of situations



Exciting combo with the 17-70mm F2.8 (Model B070), covering from 11mm to 70mm (equivalent to 16.5mm to 105mm on full-frame cameras).



Optical Construction: 12 elements in 10 groups
Filter Size: ø67mm
Length: 86.2mm/3.4in (Sony)
86.5mm/3.4in (FUJIFILM)
Weight: 335g/11.8oz (Sony and FUJIFILM)
Minimum Object Distance: 0.15m (5.9in) [WIDE]
0.24m (9.4in) [TELE]



Camera: FUJIFILM X-T5 · 11-20mm · Focal length: 11mm · Exposure: F5.6 at 15 sec. · ISO 200 · Film Simulation: PROVIA



for FUJIFILM



11mm F2.8 1/20sec ISO800



20mm F5.6 1/950sec ISO160
Film Simulation: CLASSIC CHROME

11-20mm F/2.8 Di III-A RXD

NEW

MIRRORLESS APS-C

Di III-A | RXD | FLR | MR | LD | XLD | GM | IF

FUJIFILM X Model B060



The lens was designed to be exceptionally compact and lightweight, an ideal match with APS-C mirrorless cameras. When used with a compatible APS-C mirrorless camera body, you'll enjoy carefree handheld shooting of still images and find it comfortable to shoot video even when using a compact tripod or gimbal.



Camera: Sony α6400 · 17-70mm · Focal length: 70mm · Exposure: F2.8 at 1/125 sec. · ISO 160



for Sony

for FUJIFILM

17-70mm F/2.8 Di III-A VC RXD

MIRRORLESS APS-C

World's first[1] 17-70mm F2.8. Versatility to clearly record every photo opportunity.

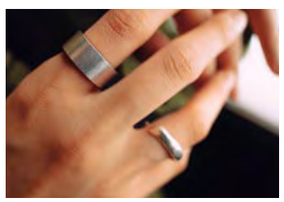
With outstanding portability, the lens offers the unprecedented brightness of constant F2.8, which is a world's first for Sony E-mount APS-C mirrorless in this category. Optimally arranged special lens elements effectively suppress aberrations and deliver clear and high-resolution images. Its superb close-up performance ensures the ability to close in on subjects as you please.

1 Among interchangeable F2.8 standard zoom lenses for APS-C mirrorless cameras (As of May, 2022: TAMRON)

Di III-A | VC | RXD | FLR | MR | LD | GM | ASL | IF

SONY E | FUJIFILM X | Model B070

Focuses close – MOD of 0.19m

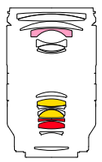


17mm F3.2 1/400sec ISO 400

Explore a wide variety of situations



Exciting combo with the 11-20mm F2.8 (Model B060), covering from 11mm to 70mm (equivalent to 16.5mm to 105mm on full-frame cameras).



Optical Construction: 16 elements in 12 groups
Filter Size: ø67mm
Length: 119.3mm/4.7in (Sony)
119.6mm/4.7in (FUJIFILM)
Weight: 525g/18.5oz (Sony)
530g/18.7oz (FUJIFILM)
Minimum Object Distance: 0.19m (7.5in) [WIDE]
0.39m (15.4in) [TELE]

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.



Camera: Sony α6600 · 18-300mm · Focal length: 40mm · Exposure: F4.5 at 1/400 sec. · ISO 200



for Sony

for FUJIFILM

18-300mm F/3.5-6.3 Di III-A VC VXD

MIRRORLESS APS-C

Get 300mm telephoto range like an expert. The world's first[1] 16.6x all-in-one zoom lens for Sony E and FUJIFILM X-mount.

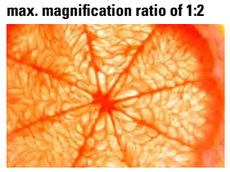
The 18-300mm F3.5-6.3 is the first lens in the world for APS-C mirrorless cameras with a zoom ratio of 16.6x and 18-300mm focal length range (the full-frame equivalent of 27-450mm). Zooming from wide-angle to ultra-telephoto, it covers a broad array of shooting situations. The lens's compact design makes it easy to carry every day. The short MOD and a max. magnification ratio of 1:2 at the wide end let you photograph subjects with a unique perspective. In addition, autofocus is very fast and accurate thanks to its precise, high speed VXD linear motor focus mechanism. And for steady shots, it is equipped with TAMRON's proprietary VC system. This all-in-one zoom lens makes photography more fun because you can use it in an unlimited number of situations.

1 Among interchangeable zoom lenses for APS-C mirrorless cameras (As of July, 2021: TAMRON)

Di III-A | VC | VXD | FLR | MR | LD | ASL | IF | ZL

SONY E | FUJIFILM X | Model B061

Amazing close-up performance with max. magnification ratio of 1:2



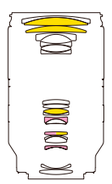
18mm F3.5 1/500sec ISO 100

Focal Length: 18mm



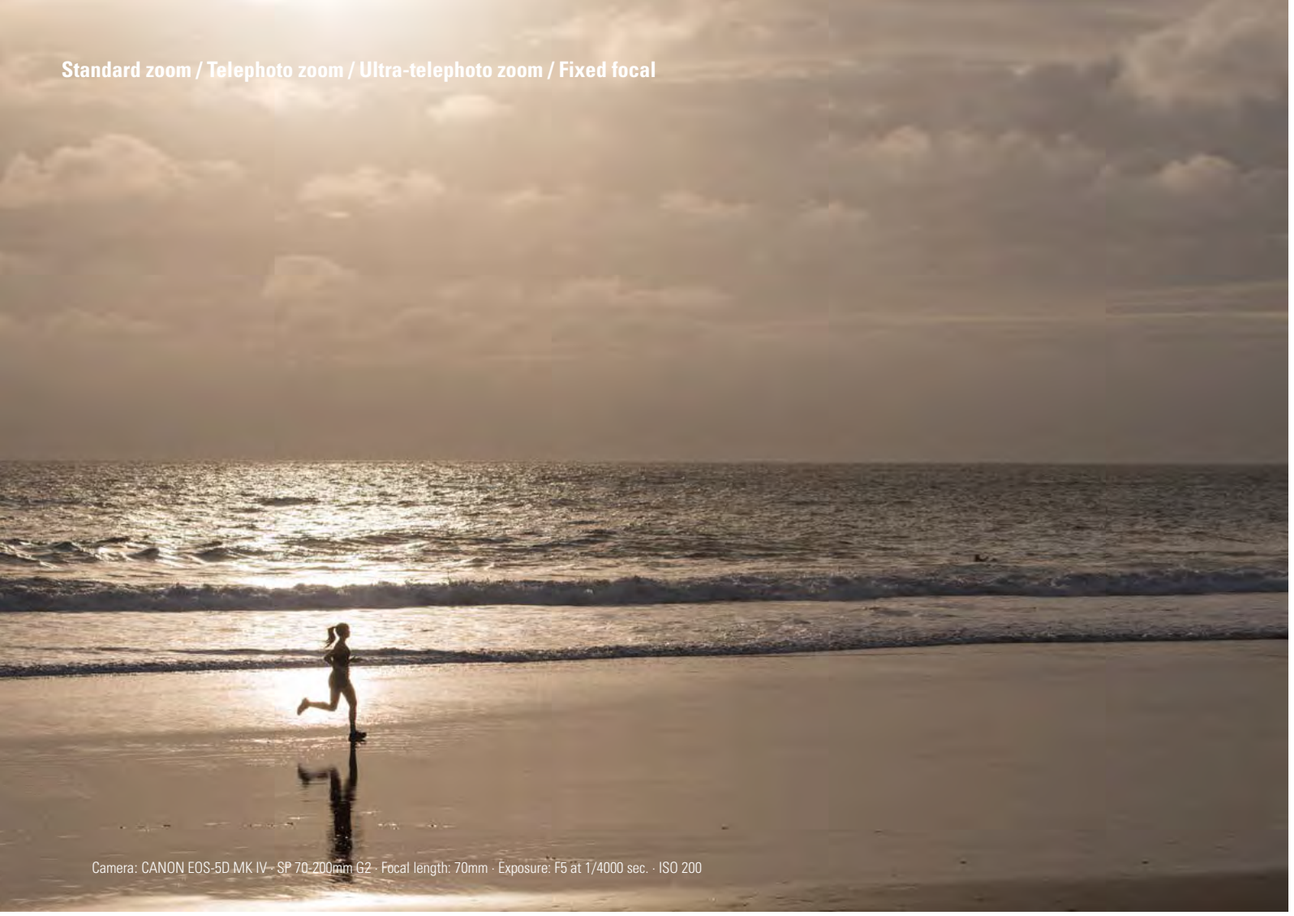
Focal Length: 300mm





Optical Construction: 19 elements in 15 groups
Filter Size: ø67mm
Length: 125.6mm /4.9in (Sony)
125.8mm /5in (FUJIFILM)
Weight: 620g /21.9oz (Sony / FUJIFILM)
Minimum Object Distance: 0.15m (5.9in) [WIDE]
0.99m (39in) [TELE]

*This product is developed, manufactured, and sold based on the specifications of E-mount which was disclosed by Sony Corporation under the license agreement with Sony Corporation.



Camera: CANON EOS-5D MK IV~ SP 70-200mm G2 · Focal length: 70mm · Exposure: F5 at 1/4000 sec. · ISO 200



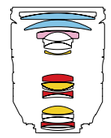
DSLR FULL FRAME

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

The SP 24-70mm F2.8 G2 is designed to maximize the potential of the latest high-pixel-density cameras while delivering best-in-class image quality. TAMRON's proprietary eBAND Coating resists ghosting and flare, making this lens ideal for backlit photography. The AF drive uses USD providing high torque, response, and silent operation. VC mechanism supports sharp images despite unavoidable camera shake.

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

CANON EF | NIKON F | Model A032



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)



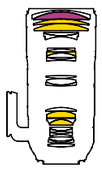
DSLR FULL FRAME

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

The SP 70-200mm F2.8 G2, a fast-aperture telephoto zoom lens, reimagines the highly acclaimed former SP 70-200mm F2.8 (Model A009). With enhanced optical performance, refined bokeh provides spectacular background effects from nearly any angle. And improved VC, faster AF speed and accuracy, and shortened MOD of 0.95m add greater flexibility to the lens.

Di | SP | VC | USD | eBAND | FLR | MP+DR | LD | XLD | IF | DMPU

CANON EF | NIKON F | Model A025



Optical Construction : 23 elements in 17 groups
Filter Size : ø77mm
Length : 191.3mm (7.5in)
Weight : 1,385g (48.9oz) (without tripod mount) / tripod mount 100g (3.5oz)
Minimum Object Distance : 0.95m (37.4in)

*Length and weight are based on the Nikon-mount lens.



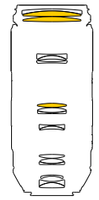
DSLR FULL FRAME

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

The 100-400mm F4.5-6.3 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 elements, 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 | FLR | MR | LD | IF | ZL | DMPU

CANON EF | NIKON F | Model A035



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)



DSLR FULL FRAME

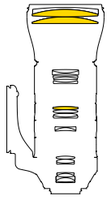
SP 150-600mm F/5-6.3 Di VC USD G2

The ultra-telephoto zoom lens means you are never too far away to get a great close-up of your subject. The SP 150-600mm F5-6.3 G2 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 | FLR | MR | LD | IF | ZL | DMPU

CANON EF | NIKON F | Model A022

TIPA AWARDS 2017



Optical Construction : 21 elements in 13 groups
Filter Size : ø95mm
Length : 257.7mm (10.1in)
Weight : 1,790g (63.1oz) (without tripod mount) / tripod mount 200g (7.1oz)
Minimum Object Distance : 2.2m (86.6in)



DSLR FULL FRAME

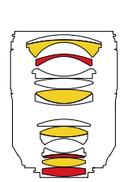
SP 35mm F/1.4 Di USD

The exceptional image quality of the SP 35mm F1.4 makes it worthy of being the lens that marks the milestone 40th anniversary of the SP Series. Uncompromising resolution at wide-open aperture combines with a velvety bokeh defocus blur that gently blends away from the ultra-sharp focus area. Ghosting and flare are suppressed to the utmost degree by the BBAR-G2 Coating.

Di | SP | USD | FLR | MR | LD | GM | IF

CANON EF | NIKON F | Model F045

TIPA WORLD AWARDS



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)



Camera: CANON EOS-7D MK II · 100-400mm · Focal length: 300mm · Exposure: F8 at 1/500 sec. · ISO 200



Camera: CANON EOS-5D MK IV · SP 35mm F1.4 · Focal length: 35mm · Exposure: F1.4 at 1/800 sec. · ISO 100

*Length and weight are based on the Nikon-mount lens.

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 DSLR cameras
- Di III — for full-frame mirrorless cameras
- Di III-A — for APS-C mirrorless cameras

Some models cannot be used with all mounts. You can find an overview on P40 to 41. Di lenses with built-in motors for Nikon and Di II lenses have no aperture ring.

Superior Performance for Discriminating Shooters SP

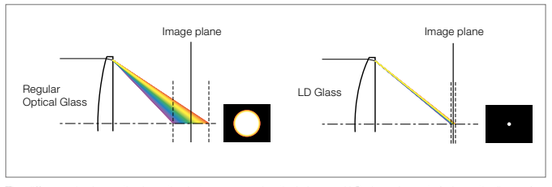
The TAMRON SP (Superior Performance) series is a line of ultra-high-performance lenses designed and manufactured to the exacting specifications demanded by professionals and others who require the highest possible image quality. In creating SP lenses, TAMRON's optical designers put their foremost priority on achieving superior performance parameters—they are all designed to a higher standard with little regard for cost constraints.

XR (Extra Refractive Index) Lens Elements XR

XR glass use glass materials with a higher refractive index than regular optical lenses. By placing XR glass elements in the front group of a lens, overall optical length can be kept shorter.

LD (Low Dispersion) Lens Elements LD

LD lens elements help reduce chromatic aberrations. A 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 and lateral chromatic aberration which are a particular problem at wide-angle and telephoto focal lengths.



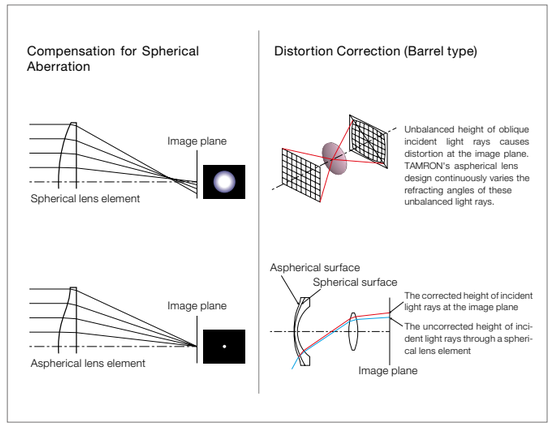
The difference in chromatic aberration between normal optical glass and LD glass elements (schematic diagram)

XLD (eXtra Low Dispersion) Lens Elements XLD

XLD lens elements made from specialized ultra-high-grade glass allow TAMRON lens designers to achieve much greater control over chromatic aberration and magnification aberrations. In combination with LD, XLD lens elements contribute to achieve sophisticated lenses that deliver the highest possible contrast, the finest detail, and superior imaging performance throughout the entire zoom range.

Hybrid Aspherical Lens Elements 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 produce lenses that offer remarkable zoom ranges in extraordinarily compact packages. Through the effective application of Hybrid Aspherical, 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.



Compensation effect with an aspherical lens element (schematic diagram)

GM (Glass Molded Aspherical) Lens Elements GM
XGM (eXpanded Glass Molded Aspherical) Lens Elements

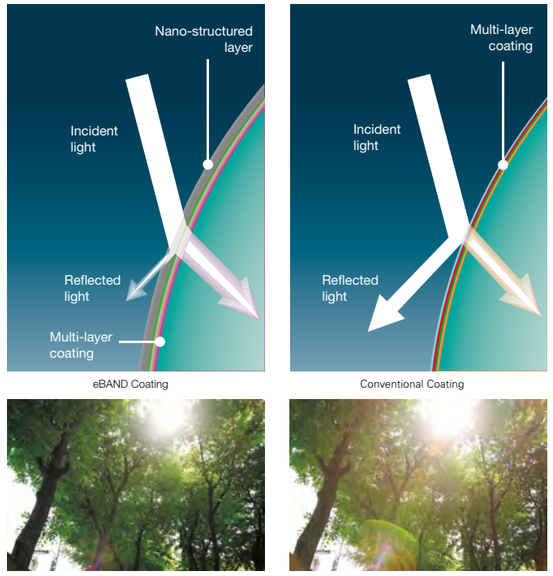
GM and XGM lens elements are capable of efficiently correcting aberrations in the angle of view that changes significantly with an ultra wide-angle zoom lens. It has an especially significant impact on minimizing distortion and enhancing the sharpness of the image at its periphery. Furthermore, the molded-glass 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.



eBAND (Extended Bandwidth & Angular-Dependency) Coating eBAND

The eBAND Coating consists of a wafer-thin nanostructure (1 nm = 1/1,000,000 mm) with an extremely low refractive index. In combination with the underlying multi-coating, an outstanding anti-reflection effect is achieved.

Schematic Diagram



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

BBAR (Broad-Band Anti-Reflection) Coating
BBAR (Broad-Band Anti-Reflection) G2 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. Plus, the advanced BBAR-G2 Coating has been used since 2019.

IF (Internal Focusing) System IF

IF provides 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 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.

Zoom Lock Switch ZL

ZL is 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 F5-6.3 G2 (Model A022), 150-500mm F5-6.7 (Model A057)



Hood Locking Mechanism HL

The lens hood is equipped with a locking mechanism, which prevents detachment due to unintentional contact during use.



Multiple-Cam Zoom Mechanism

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 ensure the highest levels of performance and durability without adding additional weight, TAMRON all-in-one zoom lenses make extensive use of engineering plastic (polycarbonate) materials in many critical mechanical components of the lens. Indeed, polycarbonate of this caliber is the material of choice whenever we produce high-precision components that require the strength to withstand rigorous use.

TAMRON's VC (Vibration Compensation) Mechanism VC

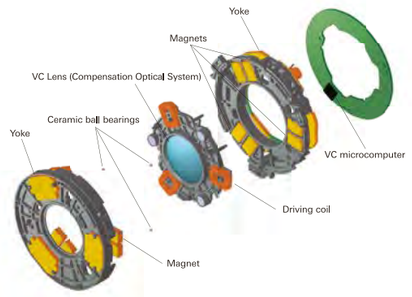
TAMRON's unique VC mechanism uses a proprietary actuator and algorithms to deliver an extremely stable viewfinder image with excellent tracking. The mechanism uses a three-coil system to electromagnetically drive the lens element that compensates for vibration, which glides smoothly on three balls with 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



Focal length: 300mm Exposure: F9 at 1/30 sec

Expanded VC (Vibration Compensation) Schematic Diagram [for Model A025]



USD (Ultrasonic Silent Drive) USD

USD is an ingeniously upgraded AF drive system to deliver the extraordinary autofocusing speed and precision needed to capture every nuance of high-speed sports action, along with virtually noiseless operation. 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 the voltage of a specific frequency is applied.

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.



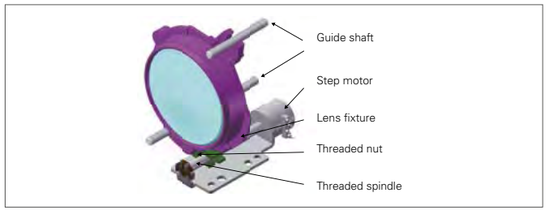
OSD (Optimized Silent Drive) OSD

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.



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.



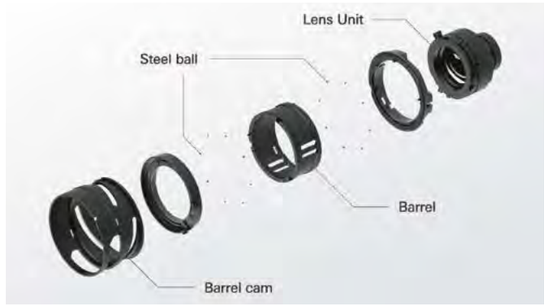
VXD (Voice-coil eXtreme-torque Drive) VXD

VXD is a linear motor focus mechanism for stunningly fast and accurate auto-focusing. Focus tracking has also been vastly improved during sports and racing photography. This ensures that those powerful moments are never missed, whether shooting still photos or video. With the excellent quietness that is characteristic of linear motor systems, the AF is ideal for shooting in low-noise environments.



Dynamic Rolling-cam Mechanism

Thanks to the Dynamic Rolling-cam mechanism, which operates the heavy focusing unit of the fast-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.



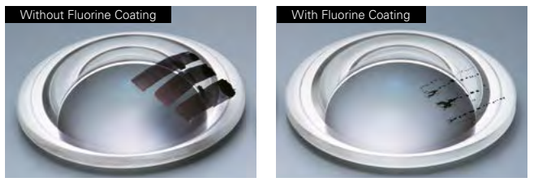
Dual MPU (Micro-Processing Unit) DMPU

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.



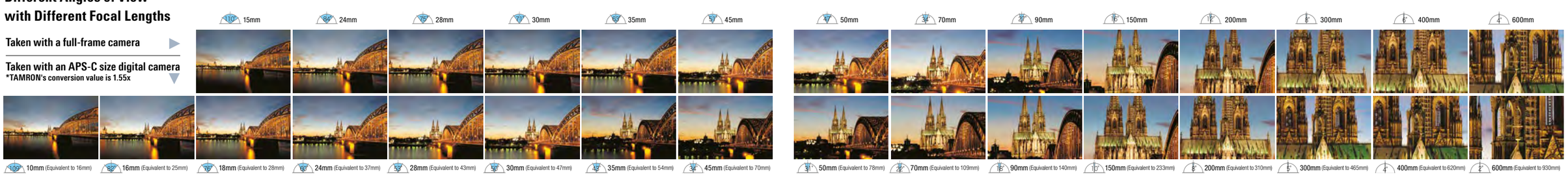
Moisture-Proof and Dust-Resistant Construction MP+DR

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 the sealant material is applied to the mechanical interface between the Focus Ring and the lens housing. The construction further expands shooting opportunities, 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.

Different Angles of View with Different Focal Lengths





TAMRON Lens Utility™

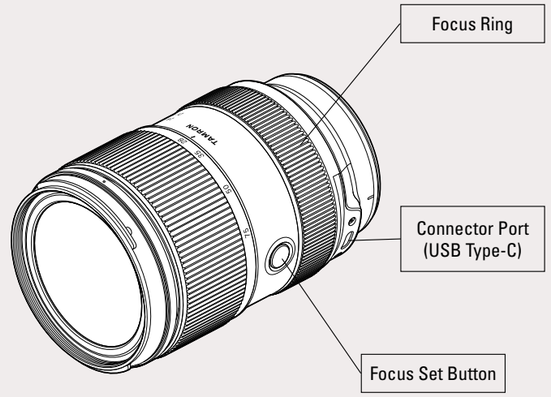
Customize your TAMRON lens for maximum performanceand enjoyment

TAMRON Lens Utility™ is dedicated software that can customize functions and update the firmware of TAMRON lenses equipped with a Connector Port (USB Type-C) using a computer or a smartphone. Personalizing lens settings to match your shooting style allows you to be more creative and makes photography more fun.

TAMRON Lens Utility website

Online help

Download for Android OS



For Sony E-mount

Product Name	Mount	Functions			Mobile Compatibility	Available with PC Version Only	Available with Mobile Version Only		Available with both PC/Mobile Version									
						Firmware	Remote Set Button		Focus Set Button / Custom Switch Settings							Focus Ring Function Setting		
		Custom Switch	Focus Set Button	Focus Ring	Android OS	Update	Focus Preset	A-B Focus	Assign Function from the Camera	Select AF/MF	Focus Preset	A-B Focus	Focus Limiter	Ring Function (Focus/Aperture)	Clear Settings	MF Ring Rotation	MF Method	
																	Focus Method	Focus Rotation Angle
35-150mm F/2-2.8 Di III VXD (Model A058)	E-mount	●	●	●	●	●	●	●	●		●	●		●	●	●	●	●
28-75mm F/2.8 Di III VXD G2 (Model A063)	E-mount		●	●	●	●	●	●	●	●	●	●		●	●	●	●	
50-400mm F/4.5-6.3 Di III VC VXD (Model A067)	E-mount	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
20-40mm F/2.8 Di III VXD (Model A062)	E mount			●	●	●	●	●								●	●	●
70-180mm F/2.8 Di III VC VXD G2 (Model A065)	E-mount	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
17-50mm F/4 Di III VXD (Model A068)	E-mount		●	●	●	●	●	●	●	●	●	●		●	●	●	●	●

For Nikon Z mount

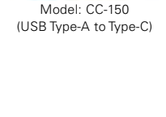
Product Name	Mount	Functions			Mobile Compatibility	Available with PC Version Only	Available with Mobile Version Only		Available with both PC/Mobile Version									
						Firmware	Remote Set Button		Focus Set Button / Custom Switch Settings							Focus Ring Function Setting		
		Custom Switch	Focus Set Button	Focus Ring	Android OS	Update	Focus Preset	A-B Focus	Assign Function from the Camera	Select AF/MF	Focus Preset	A-B Focus	Focus Limiter	Ring Function (Focus/Aperture)	Clear Settings	MF Ring Rotation	MF Method	
																	Focus Method	Focus Rotation Angle
70-300mm F/4.5-6.3 Di III RXD (Model A047)	Z mount					●												
35-150mm F/2-2.8 Di III VXD (Model A058)	Z mount	●	●	●	●	●	●	●	●		●	●			●	●	●	●
150-500mm F/5-6.7 Di III VC VXD (Model A057)	Z mount			●		●												

Function List

What you can do with TAMRON Lens Utility



A-B Focus
Lets you smoothly and easily shift focus from one subject to another



Focus Preset
Move focus to a prerecorded focal point with one press

Focus Limiter
Choose the focus search range to best suit your photography situation

Focus Ring Function Setting
Lets you smoothly and easily shift focus from one subject to another

Select AF/MF
Switch between Autofocus and Manual Focus

Other Functions
Ring function (Focus/Aperture) /Assign function from the camera

Firmware Updates
Update lens to the latest firmware version

TAMRON Connection Cable *Optional

The connection cable connects a lens and a computer or a smartphone to use TAMRON Lens Utility.

Model: CC-150
(USB Type-A to Type-C)

Model: CC-350
(USB Type-C to Type-C)

Lens Specifications

CAMERA TYPE	FORMAT	PRODUCT NAME	PAGE	MODEL	FOCAL LENGTH (mm)	ANGLE OF VIEW (diagonal) ( ) = values for cameras with APS-C sensor	MAXIMUM APERTURE	MINIMUM APERTURE	APERTURE BLADES [1]	OPTICAL CONSTRUCTION Elements/groups	MINIMUM OBJECT DISTANCE m (in.)	MAX. MAG. RATIO	FILTER SIZE (mm)	WEIGHT [3] g (oz.)	DIAMETER × LENGTH [4] mm (in.)	CANON	NIKON	SONY	FUJIFILM	LENS HOODS	NOTES
MIRRORLESS	FULL FRAME	**Di III** for full-frame mirrorless cameras																			
		17-28mm F/2.8 Di III RXD	12	A046	17-28	103°41'-75°23' (80°37'-54°30')	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)			●		■ HA046	
		17-50mm F/4 Di III VXD NEW	14	A068	17-50	103°41'-46°48' (80°37'-32°11')	4	22	9 circular diaphragm	15-13	0.19-0.3 (7.5-11.8)	1:4.6 (WIDE) 1:3.8 (TELE)	67	460 (16.2)	74.8 × 114.4 (4.5)			●		■ HA062	Optional: Connection Cable for TAMRON Lens Utility
		20-40mm F/2.8 Di III VXD	13	A062	20-40	94°30'-56°49' (71°35'-39°39')	2.8	22	9 circular diaphragm	12-11	0.17-0.29 (6.7-11.4)	1:3.8 (WIDE) 1:5.1 (TELE)	67	365 (12.9)	74.4 × 86.5 (3.4)			●		■ HA062	Optional: Connection Cable for TAMRON Lens Utility
		28-75mm F/2.8 Di III VXD G2	10	A063	28-75	75°23'-32°11' (54°30'-21°46')	2.8	22	9 circular diaphragm	17-15	0.18-0.38 (7.1-15)	1:2.7 (WIDE) 1:4.1 (TELE)	67	540 (19)	75.8 × 117.6 (4.6)			●		■ HA063	Optional: Connection Cable for TAMRON Lens Utility
		28-200mm F/2.8-5.6 Di III RXD	26	A071	28-200	75°23'-12°21' (54°30'-8°15')	2.8-5.6	16-32	7 circular diaphragm	18-14	0.19-0.8 (7.5-31.5)	1:3.1 (WIDE) 1:3.8 (TELE)	67	575 (20.3)	74 × 117 (4.6)			●		■ HA036	
		35-150mm F/2-2.8 Di III VXD NEW (for Nikon)	18	A058	35-150	63°26'-16°25' (44°47'-10°59')	2-2.8	16-22	9 circular diaphragm	21-15	0.33-0.85 (13-33.5)	1:5.7 (WIDE) 1:5.9 (TELE)	82	1,165 (41.1)	89.2 × 158 (6.2)		●	●		■ HA058	Optional: Connection Cable for TAMRON Lens Utility
		50-400mm F/4.5-6.3 Di III VC VXD	22	A067	50-400	46°48'-6°11' (32°11'-4°8')	4.5-6.3	22-32	9 circular diaphragm	24-18	0.25-1.5 (9.8-59.1)	1:2 (WIDE) 1:4 (TELE)	67	1,155 (40.7)	88.5 × 183.4 (7.2)			●		■ HA067	Optional: Tripod mount, Connection Cable for TAMRON Lens Utility
		70-180mm F/2.8 Di III VC VXD G2 NEW	16	A065	70-180	34°21'-13°42' (23°17'-9°10')	2.8	22	9 circular diaphragm	20-15	0.3-0.85 (11.8-33.5)	1:2.6 (WIDE) 1:4.7 (TELE)	67	855 (30.2)	83 × 156.5 (6.2)			●		■ HA065	Optional: Connection Cable for TAMRON Lens Utility
		70-300mm F/4.5-6.3 Di III RXD	20	A047	70-300	34°21'-8°15' (23°17'-5°30')	4.5-6.3	22-32	7 circular diaphragm	15-10	0.8-1.5 (31.5-59.1)	1:9.4 (WIDE) 1:5.1 (TELE)	67	545 (19.2)	77 × 148 (5.8)		●	●		○ HA047	Optional: Connection Cable for TAMRON Lens Utility (for Nikon)
		150-500mm F/5-6.7 Di III VC VXD NEW (for Nikon)	24	A057	150-500	16°25'-4°57' (10°59'-3°18')	5-6.7	22-32	7 circular diaphragm	25-16	0.6-1.8 (23.6-70.9)	1:3.1 (WIDE) 1:3.7 (TELE)	82	1,725 (60.8)	93 × 209.6 (8.3)		●	●		○ HA057	Included: Tripod mount Optional: Connection Cable for TAMRON Lens Utility (for Nikon)
		20mm F/2.8 Di III OSD M1:2	27	F050	20	94°30' (71°35')	2.8	22	7 circular diaphragm	10-9	0.11 (4.3)	1:2	67	220 (7.8)	73 × 64 (2.5)			●		■ HF050	
		24mm F/2.8 Di III OSD M1:2	27	F051	24	84°04' (62°00')	2.8	22	7 circular diaphragm	10-9	0.12 (4.7)	1:2	67	215 (7.6)	73 × 64 (2.5)			●		■ HF050	
		35mm F/2.8 Di III OSD M1:2	27	F053	35	63°26' (44°47')	2.8	22	7 circular diaphragm	9-8	0.15 (5.9)	1:2	67	210 (7.4)	73 × 64 (2.5)			●		HF053	
	APS-C	**Di III-A** for APS-C mirrorless cameras																			
		11-20mm F/2.8 Di III-A RXD NEW (for FUJIFILM)	28	B060	11-20	105°20'-71°35'	2.8	16	7 circular diaphragm	12-10	0.15-0.24 (5.9-9.4)	1:4 (WIDE) 1:7.6 (TELE)	67	335 (11.8)	73 × 86.2 (3.4)			●	●	■ HA046	
		17-70mm F/2.8 Di III-A VC RXD	30	B070	17-70	79°55'-23°00'	2.8	22	9 circular diaphragm	16-12	0.19-0.39 (7.5-15.4)	1:4.8 (WIDE) 1:5.2 (TELE)	67	525 (18.5)	74.6 × 119.3 (4.7)			●	●	■ HA036	
		18-300mm F/3.5-6.3 Di III-A VC VXD	31	B061	18-300	77°24'-5°30'	3.5-6.3	22-40	7 circular diaphragm	19-15	0.15-0.99 (5.9-39)	1:2 (WIDE) 1:4 (TELE)	67	620 (21.9)	75.5 × 125.6 (4.9)			●	●	■ HA036	
		150-500mm F/5-6.7 Di III VC VXD	24	A057	150-500	10°59'-3°18'	5-6.7	22-32	7 circular diaphragm	25-16	0.6-1.8 (23.6-70.9)	1:3.1 (WIDE) 1:3.7 (TELE)	82	1,710 (60.3)	93 × 209.9 (8.3)				●	○ HA057	Included: Tripod mount
DSLR	FULL FRAME	**Di** for full-frame DSLR cameras																			
		SP 24-70mm F/2.8 Di VC USD G2	32	A032	24-70	84°04'-34°21' (60°20'-22°33')	2.8	22	9 circular diaphragm	17-12	0.38 (15) [2]	1 : 5	82	900 (31.7)	88.4 × 108.5 (4.3)	●	●			■ HA032	Included: Lens pouch Optional: TAP-in Console
		SP 70-200mm F/2.8 Di VC USD G2	32	A025	70-200	34°21'-12°21' (22°33'-7°59')	2.8	22	9 circular diaphragm	23-17	0.95 (37.4) [2]	1 : 6.1	77	1,385 (48.9)	88 × 191.3 (7.5)	●	●			■ HA025	Included: Lens pouch, tripod mount Optional: 1.4x/2.0x teleconverter, TAP-in Console
		100-400mm F/4.5-6.3 Di VC USD	33	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) [2]	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	33	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) [2]	1 : 3.9	95	1,790 (63.1)	108.4 × 257.7 (10.1)	●	●			○ HA022	Included: Lens pouch, tripod mount Optional: 1.4x/2.0x teleconverter, TAP-in Console
		SP 35mm F/1.4 Di USD	33	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

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.com/global/consumer/support/

1 This circular diaphragm retains a nearly circular shape even at two stops down from its maximum aperture.

2 Minimum Object Distance over the entire range of focal lengths.

3 Weight does not include the removable tripod mount. Unless otherwise indicated, the information applies to the model with the Nikon mount (DSLR) and Sony mount (mirrorless).

4 Length is the distance from the front tip of the lens to the lens mount face.
The weight and diameter x length values apply to the DSLR designed models with the Nikon mount.
The weight and diameter x length value apply to the mirrorless designed models with the Sony mount.

■ indicates a flower-shaped hood
○ indicates a round-shaped hood

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.



TAP-in Console™

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 | Model TAP-01

Download the TAP-in Utility Software from:
https://www.tamron.com/jp/consumer/support/download/tapin/en/

You can find tutorials for the TAP-in Console under:



“Human Focus”

I want to take more family photos and preserve precious memories.
I prefer to take lightweight, compact equipment on a trip.
I don’t compromise on image quality because I photograph things that are very special to me.
I want to pursue my own creative expression in photography.

The factors that motivate enthusiastic photographers vary widely.
We want to respond to all their passions.

Like catching light, observe each person’s wish to focus on it in a lens.
Our goal is to understand their motivations and produce lenses that appeal to those motives.

TAMRON lenses are always with you, like a best friend.
They are reliable, capable, and comfortable.
They inspire and motivate you, whether you are a beginner or professional.

TAMRON will remain user-centric and study people while designing and manufacturing lenses so that users around the world can fully continue to enjoy photography in their own way.

TAMRON

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* Information valid as of October, 2023. Information in this publication may be subject to change at any time.

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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 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.

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