

TAMRON announces the launch of world’s first¹ all-in-one zoom with 16.6x zoom ratio for Sony E-mount

18-300mm F/3.5-6.3 Di III-A VC VXD (Model B061)

August 26, 2021, Saitama, Japan - Tamron Co., Ltd. (President & CEO: Shiro Ajisaka), a leading manufacturer of optics for diverse applications, announces the launch date of the Sony E-mount model 18-300mm F/3.5-6.3 Di III-A² VC VXD (Model B061), an all-in-one zoom lens for APS-C mirrorless cameras on September 24, 2021. This is the model announced on July 21, 2021. Due to the current global health crisis, the release date or product supply schedule could change.



PRODUCT NAME	DATE OF LAUNCH
<p>18-300mm F/3.5-6.3 Di III-A VC VXD (Model B061) For Sony E-mount *The FUJIFILM X-mount model to be announced separately.</p>	<p>The Sony E-mount model: September 24, 2021 *Due to the spread of COVID-19, the release date or the product supply schedule could be delayed.</p>

The 18-300mm F3.5-6.3 VC VXD covers a wide zoom range from approximately 27mm to 450mm in full-frame equivalent focal length. The first¹ APS-C mirrorless camera zoom lens in the world with a 16.6x zoom ratio, the lens delivers the benefits of a versatile all-in-one zoom lens ideal for an extensive array of photographic scenarios. Its AF drive system uses TAMRON’s VXD (Voice-coil eXtreme-torque Drive) linear motor focus mechanism for superior quietness and agile performance. The lens

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

² Di III-A: For APS-C format mirrorless interchangeable-lens cameras

includes special lens elements arranged precisely to maintain high resolution performance from edge-to-edge and provide high image quality making it the best of all all-in-one zoom lenses.

Moreover, with an MOD (Minimum Object Distance) of 0.15m (5.9 in) at the 18mm wide end and a remarkable maximum magnification ratio of 1:2, this lens performs astonishingly well when shooting up close. The lens is equipped with TAMRON's proprietary VC (Vibration Compensation) mechanism, effectively reducing image blur caused by camera shake in low-light conditions or in the ultra-telephoto range at slower shutter speeds.

Also, same as most other TAMRON lenses for mirrorless cameras, the lens features a unified 67mm filter size. With a wide variety of other features for comfortable shooting, this is a highly versatile lens that allows you to easily enjoy high image quality from wide-angle to ultra-telephoto.

PRODUCT HIGHLIGHTS

1. The world's first 16.6x all-in-one zoom lens for APS-C mirrorless cameras

The 18-300mm F3.5-6.3 VC VXD is the world's first lens for APS-C mirrorless cameras with a 16.6x zoom ratio, the greatest feature of this lens, covering wide angle to an ultra-telephoto range. The full-frame equivalent focal length range is from 27mm to 450mm. With this broad coverage, it empowers shooting in a wide variety of situations, including everyday life and travel snapshots, both wide-angle and dynamic ultra-telephoto landscape photography and macro photography.

2. Best-in-class, extremely fast and precise AF provided by VXD linear motor focus mechanism

The 18-300mm F3.5-6.3 VC VXD utilizes TAMRON's proprietary VXD linear motor focus mechanism. It achieves AF speed and precision that stand among the best of all all-in-one zoom lenses. Throughout its range, from wide-angle to ultra-telephoto, it provides precise AF shooting. Excellent when tracking a moving subject in focus, it is ideal when photographing animals, aircraft, railways and other moving subjects. It's extremely quiet, and therefore perfectly suited for both still and video shooting in conditions that demand silent operation.

3. MOD of 0.15m (5.9 in) and maximum magnification ratio of 1:2 at wide end

With an MOD of 0.15m (5.9 in) at the 18mm wide end and a maximum magnification ratio of 1:2, the 18-300mm F3.5-6.3 VC VXD performs amazingly well when shooting up close compared to other all-in-one zoom lenses³. It enables users to enjoy creative macro photography with highly blurred

backgrounds, a feature unique to macro photography. As a pioneer in all-in-one zoom lenses, TAMRON demonstrates unmatched originality in close-up shots.

³ When shooting at the MOD of 0.15m / 5.9 in (at the wide end 18mm), the distance between the subject and the tip of lens is approximately 5mm (0.2 in). Use precaution so that the front element does not touch the subject when shooting at MOD.

4. The best image quality in its class

In terms of image quality, this new 18-300mm F3.5-6.3 VC VXD is one of the best-performing all-in-one zoom lenses for APS-C mirrorless cameras. To achieve a zoom ratio of 16.6x while ensuring high image quality, the lens features a well-balanced arrangement of three hybrid aspherical elements and four LD (Low Dispersion) lens elements to effectively suppress optical aberrations. Throughout the zoom range, it maintains high resolving power from the center to the corners.

5. Outstanding VC stabilization

Despite its compact size, the lens is equipped with TAMRON's proprietary VC mechanism. With or without image stabilization in the camera body, the VC included in this lens effectively mitigates camera shake that is likely to occur in low-light conditions indoors and at night. Furthermore, using AI technologies, the lens will choose the compensation characteristic for videography at focal lengths of 70mm or less.

6. Comfortably compact

7. User-friendly features (Moisture-Resistant Construction, Fluorine Coating, Zoom Lock switch)

8. Compatible with many camera-specific features and functions, including Fast Hybrid AF and Eye AF

SPECIFICATIONS

Model	: B061
Focal Length	: 18-300mm (for APS-C frame mirrorless format) (for full-frame mirrorless format: 27-450mm equivalent field-of-view)
Maximum Aperture	: F3.5-6.3

PRESS RELEASE

Angle of View (diagonal)	: 77° 24'-5° 30' (for APS-C frame mirrorless format)
Optical Construction	: 19 elements in 15 groups
Minimum Object Distance	: 0.15m /5.9 in (WIDE), 0.99m /39 in (TELE)
Maximum Magnification Ratio	: 1:2 (WIDE) / 1:4 (TELE)
Filter Size	: φ67mm
Maximum Diameter	: φ75.5mm
Length*	: for Sony E-mount 125.6mm (4.9 in)
Weight	: 620g (21.9 oz)
Aperture Blades	: 7 (circular diaphragm)**
Minimum Aperture	: F22-40
Standard Accessories	: Flower-shaped hood, Lens caps
Compatible Mounts	: Sony E-mount

* Length is the distance from the front tip of the lens to the lens mount face.

** The circular diaphragm stays almost perfectly circular up to two stops down from maximum aperture.

Specifications, appearance, functionality, etc. are subject to change without prior notice.

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.

About Tamron Co., Ltd.

TAMRON provides a wide range of original optical products, from interchangeable lenses for digital cameras to various optical devices for both the general consumer and OEM. We make optical products that contribute to a range of different industries and will continue to devote its rich creativity and leading-edge technical prowess to various industrial fields. Furthermore, TAMRON is fully aware of its responsibility to the environment and aspires to help preserve the natural environment in all its business activities.

Optical Product Line-up:

Interchangeable lenses for 35mm / Digital SLR camera, Interchangeable lenses for Non-Reflex type camera, Camcorder lenses, Digital still camera lenses, Drone lenses, Optical device units, Surveillance camera lenses, FA and Machine vision lenses, Automotive camera lenses, Camera module, Test plates, etc.