

# TAMRON

Focus on the Future

50-400mm F/4.5-6.3 Di III VC VXD (Model A067)

For Sony E-mount

**8x ultra-telephoto  
lens zooms  
from 50mm.**



NEW

# 50-400<sub>mm</sub> F4.5-6.3

for Sony full-frame mirrorless

(Model A067) For Sony E-mount Di III: For mirrorless interchangeable-lens cameras

# Exciting new photographic opportunities unleashed by 50-400mm zoom range

## Ultra-telephoto zoom starts at 50mm



Camera: Sony α7R IV Focal Length: 50mm Exposure: F8 1/500sec ISO: 100

The 50-400mm F/4.5-6.3 Di III VC VXD (Model A067) is an unprecedented, next-level ultra-telephoto zoom lens with added versatility that starts at 50mm and delivers an 8x zoom ratio. With its wide 50mm starting focal length, full-body shots of subjects like wildlife can be captured in the surrounding environment. The generous and effective use of special lens elements, including XLD (eXtra Low Dispersion), LD (Low Dispersion) and Hybrid Aspherical lens elements, effectively delivers uncompromising high image quality throughout the entire 50-400mm zoom range. Along with its superb performance, the lens is just 183.4mm (7.2 in) long and weighs only 1,155g (40.7 oz). Offering about the same light weight and compact size as a conventional 100-400mm zoom, it's easy to pack and comfortable to carry all day. Clearly, the TAMRON 50-400mm F4.5-6.3 is a brand-new kind of ultra-telephoto zoom lens that combines a 50mm standard focal length, outstanding image quality and highly nimble mobility—plus the sheer power of a 400mm telephoto! This one lens captures a lively world with all the clarity you desire and can transport you to exhilarating new photographic experiences.



Camera: Sony α7R IV Exposure: F8 1/2000sec ISO: 100  
 Camera: Sony α7R IV Exposure: F8 1/2000sec ISO: 100  
 Camera: Sony α7R IV Exposure: F8 1/1000sec ISO: 100

## Fast and precise AF, plus VC for stable handheld shooting

The 50-400mm F4.5-6.3 utilizes the renowned VXD<sup>1</sup> linear motor focus mechanism. This advanced AF mechanism combines class-leading speed and precision, enabling fast and accurate focusing from MOD (Minimum Object Distance) through to infinity. The lens is equipped with TAMRON's proprietary VC<sup>2</sup> mechanism, and effectively controls camera shake that can occur when shooting at telephoto focal lengths. It also helps reduce fuzzy pictures when shooting handheld in low-light conditions which typically require slower shutter speeds.



Camera: Sony α7 IV Focal Length: 400mm Exposure: F6.3 1/1000sec ISO: 400

## Half-macro photography with 1:2 magnification ratio at the 50mm end

The 50-400mm F4.5-6.3 is capable of extremely high performance when shooting close-ups, particularly for an ultra-telephoto zoom lens. Users can enjoy half-macro shooting with an MOD of 0.25m (9.8 in) and a maximum magnification ratio of 1:2 at the 50mm zoom setting. Moreover, at the 400mm telephoto end, the MOD is 1.5m (59.1 in), thereby providing a maximum magnification ratio of 1:4 for amazing, dynamic shots. The unprecedented level of freedom in shooting reveals the charm of subjects more than ever, plus flexible shooting options previously unseen in ultra-telephoto zooms.



Camera: Sony α7R III Focal Length: 50mm Exposure: F4.5 1/2000sec ISO: 640

## "Focus Limiter" function now added to the TAMRON Lens Utility™

The dedicated TAMRON Lens Utility software developed in-house by TAMRON is compatible with the 50-400mm F4.5-6.3. Users can customize the functions and easily update the firmware through the lens. Additionally, with the 50-400mm F4.5-6.3 you can select the "Focus Limiter" function that allows you to limit the focus search range of the AF. This function shortens the time taken to refocus when a subject slips out of focus and prevents focusing on obstacles in front of a subject. The function can be instantly toggled using the Focus Set Button, ensuring that you never miss an unexpected photo opportunity. The TAMRON Lens Utility can be used to customize functions based on various shooting styles for both still photography and video, thereby providing a more fulfilling and personalized shooting experience.



For Model A063

## Additional features for greater convenience

- BBAR-G2<sup>3</sup> Coating
- Moisture-Resistant Construction
- Fluorine Coating
- Zoom Lock switch

1 Voice-coil eXtreme-torque Drive 2 Vibration Compensation 3 Broad-Band Anti-Reflection Generation 2

## 50-400mm F/4.5-6.3 Di III VC VXD (Model A067)

Model ..... A067  
 Focal Length ..... 50-400mm  
 Max. Aperture ..... F4.5-6.3  
 Angle of View ..... 46°48' - 6°11'  
 (diagonal) ..... <for full-frame mirrorless format>  
 Optical Construction ..... 24 elements in 18 groups

MOD ..... 0.25m (9.8 in) (WIDE) / 1.5m (59.1 in) (TELE)  
 Max. Mag. Ratio ..... 1:2 (WIDE) / 1:4 (TELE)  
 Filter Size ..... φ67mm  
 Max. Diameter ..... φ88.5mm  
 Length\* ..... 183.4mm / 7.2 in  
 Weight ..... 1,155g / 40.7 oz

Aperture Blades ..... 9 (circular diaphragm)\*\*  
 Min. Aperture ..... F22-32  
 Standard ..... Flower-shaped hood, Accessories ..... Lens caps  
 Mount ..... 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.

**Caution:** Please read the instruction manual carefully before using the lens.

A067-EN-1114-2209

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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.

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

Note: Information valid as of July, 2022. Information in this publication is subject to change at any time without prior notice.

