

October 10, 2023

TAMRON announces ultra-telephoto zoom lens for “Nikon Z mount system”

150-500mm F/5-6.7 Di III VC VXD (Model A057)

**Compact 150-500mm zoom features portability, high-speed autofocus
and superb sharpness for carefree, easy super-telephoto shooting opportunities**

October 10, 2023, Saitama, Japan – Tamron Co., Ltd. (President & CEO: Shiro Ajisaka), a leading manufacturer of optics for diverse applications, announces the launch of the 150-500mm F/5-6.7 Di III VC VXD (Model A057), a Nikon Z mount system compatible ultra-telephoto zoom lens for full-frame mirrorless cameras on October 31, 2023.



PRODUCT NAME	DATE OF LAUNCH
150-500mm F/5-6.7 Di III VC VXD (Model A057) For Nikon Z mount	October 31, 2023 ¹

The 150-500mm F5-6.7 lens has a focal length of 500mm on the telephoto end, yet it provides remarkably compact size and extremely high image quality throughout the entire zoom range. It lets users enjoy spontaneous shooting in the ultra-tele realm where conventional wisdom once dictated a tripod. The ultra-telephoto zoom is equipped with the VXD (Voice-coil eXtreme-torque Drive) precise and high-speed linear motor autofocus mechanism and TAMRON’s proprietary VC (Vibration Compensation) mechanism. At the 150mm end, this versatile lens offers an MOD (Minimum Object Distance) of 0.6m (23.6in) for powerful and dramatic close-ups.

PRODUCT HIGHLIGHTS**1. A compact full-frame 500mm lens that defies old-fashioned thinking**

The 150-500mm F5-6.7 is just 212.3mm (8.4in) long with a maximum diameter of 93mm, an astoundingly compact size for a 500mm-class ultra-telephoto zoom for full-frame mirrorless cameras. Even when extended to the 500mm telephoto end, the lens is still remarkably compact at only about 287.3mm (11.3in).

* For APS-C mirrorless format: approximately 225-750mm equivalent zoom range.

2. Remarkable image quality

The optical construction features 25 elements in 16 groups. The generous and effective use of special lens elements including one XLD (eXtra Low Dispersion), five LD (Low Dispersion), and two Hybrid Aspherical lens elements thoroughly controls aberrations, including axial chromatic aberrations, so users can enjoy exceptionally high resolving power across the entire image from edge-to-edge.

3. VXD AF motor provides high speed, high precision, and excellent quietness

The 150-500mm F5-6.7 features VXD linear motor autofocus mechanism. VXD delivers high-speed and high-precision movement and ensures responsive performance. Even when shooting at 500mm, the lens provides fast and accurate focusing from near to far. Also, the high-performance focus tracking allows successful capture of fast-moving subjects. Superbly quiet, the linear motor also reduces drive noise and vibrations produced during focusing (as compared to a conventional drive system), making it ideal for shooting both still photos and video in low-noise environments.

4. TAMRON's highly acclaimed VC provides excellent image stabilization

This compact 150-500mm F5-6.7 is equipped with TAMRON's VC mechanism² to deliver excellent image stabilization performance, thereby efficiently reducing image blur caused by camera shake. This functionality supports handheld shooting of scenes in low light, such as evening and indoor, without the use of a tripod.

5. Telephoto-macro feature unlocks exciting close-range shooting experiences

The 150-500mm F5-6.7 offers excellent close-up shooting capabilities for an ultra-telephoto lens. The MOD is 0.6m (23.6in) at the 150mm end and 1.8m (70.9in) at the 500mm telephoto end. The maximum

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magnification ratio at 150mm is extremely high at 1:3.1. Users can shoot powerful telephoto-macro images of subjects while maintaining a reasonable shooting distance.

6. Additional features for greater convenience

- Lens hood with flexible, protective front portion
- The arc of rotation of the zoom ring is only 75°
- FLEX ZOOM LOCK mechanism to support greater usability
- Switch designed for ease of operation and handling
- Arca-Swiss compatible tripod mount with strap attachment holes included
- Equipped with a “Linear / Non-linear” switch that is handy when focusing manually

7. BBAR-G2 (Broad-Band Anti-Reflection Generation 2) Coating delivers stunning clarity and contrast**8. Moisture-Resistant Construction and Fluorine Coating provide extra protection****Note:**

¹ The lens for Sony E-mount previously launched on June 20, 2021.

The lens for FUJIFILM X-mount previously launched on October 13, 2022.

² For 150-500mm F5-6.7 for Nikon Z mount, VC ON/OFF should be selected on the camera body.

SPECIFICATIONS

Model	: A057
Focal Length	: 150-500mm
Maximum Aperture	: F5-6.7
Angle of View (diagonal)	: 16° 25'-4° 57' (for full-frame mirrorless format)
Optical Construction	: 25 elements in 16 groups
Minimum Object Distance	: 0.6m /23.6in (WIDE), 1.8m /70.9in (TELE)
Maximum Magnification Ratio	: 1:3.1 (WIDE) / 1:3.7 (TELE)
Filter Size	: Ø82mm
Maximum Diameter	: Ø93mm

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Length*	: 212.3mm (8.4in)
Weight	: 1,720g (60.7oz) (without tripod mount) / Tipod mount 155g (5.5oz)
Aperture Blades**	: 7 (circular diaphragm)
Minimum Aperture	: F22-32
Standard Accessories	: Round-shaped hood, Lens caps, Tripod mount
Mount	: Nikon Z mount

* Length is the distance from the front end 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 under the license agreement with Nikon 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 our rich creativity and leading-edge technical prowess to various industrial fields. Furthermore, TAMRON is fully aware of our responsibility to the environment and aspires to help preserve the natural environment in all our business activities.

Optical Product Line-up:

Interchangeable lenses for Mirrorless and DSLR cameras, Surveillance camera lenses, FA and Machine vision lenses, Video conference lenses, Camera modules, Automotive lenses, Digital still camera lenses, Camcorder lenses, Drone lenses, and Lenses for medical applications.