

TAMRON

Focal Length: 300mm Exposure: F6.3 1/320sec ISO: 500

Asahikawa City Asahiyama Zoo

70-300_{mm} F/4.5-6.3 Di III RXD

for Sony full-frame mirrorless

NEW

**Get 300mm telephoto range
like an expert**

The world's smallest and lightest* telephoto zoom lens.

Zoom in and enjoy the world around you

70-300mm F/4.5-6.3 Di III RXD (Model A047)

For Sony E-mount Di III: For mirrorless interchangeable-lens cameras

*Among 300mm-capable telephoto zoom lenses for full-frame mirrorless cameras (As of August, 2020: Tamron)



Telephoto zoom takes you closer to the action

The world's smallest and lightest* telephoto zoom lens for Sony full-frame E-mount mirrorless cameras



Focal Length: 300mm Exposure: F6.3 6sec ISO: 100

The 70-300mm F/4.5-6.3 Di III RXD (Model A047) for Sony full-frame E-mount mirrorless cameras is a telephoto zoom lens designed and created so photographers of all skill levels can enjoy high quality images comfortably. It achieves the world's smallest size and lightest weight, coming in at 148mm (5.8 in) long with a maximum diameter of 77mm, and weighing just 545g (19.2 oz). With special emphasis on resolving power, Tamron has deployed special lens elements appropriately arranged to correct chromatic aberration, generally very strong in a telephoto lens, as well as other aberrations. Users can enjoy high-resolution images combined with the stunning bokeh qualities that are achievable only with a telephoto lens. The lens also incorporates the RXD (Rapid eXtra-silent stepping Drive) stepping motor unit, a high-speed precision AF drive system that is remarkably quiet. The 70-300mm F4.5-6.3 is a versatile lens for photographing landscapes, sports and other action, pets and wildlife and more. The lens also demonstrates its potential for portrait shooting, casual snapshots and scenarios that require you to be mobile and shoot handheld, like sporting events. The apparent image compression and the close-up effects characteristic of telephoto lenses naturally amplify photographic expression. Zooming in on distant objects and making them appear closer is one of the joys of telephoto shooting. This zoom lens provides an entryway into that new world.

High quality images with beautiful, dreamy bokeh

The lens is made up of 15 elements in 10 groups with an appropriate arrangement of LD (Low Dispersion) lens elements. Aberrations such as axial chromatic aberration (which tends to occur in telephoto lens designs) have been well corrected. The 300mm end, which



Focal Length: 300mm Exposure: F11 1/1000sec ISO: 800

receives particularly frequent use in a telephoto zoom, provides excellent high-resolution performance from the center of the image all the way to the corners. Stunning bokeh (intentional background blur qualities) are another remarkable feature of this new lens.

Superb AF keeps it sharp and quiet

The AF drive incorporates an RXD (Rapid eXtra-silent stepping Drive) stepping motor unit. RXD uses an actuator that is able to precisely control the rotational angle of the motor, allowing it to drive the focusing lens without passing through a reduction gear.

The addition of a sensor that detects the position of the lens to a high degree of accuracy enables high-speed and precise AF, which allows you to maintain razor-sharp focus when shooting continually moving subjects or filming video. The lens is also remarkably quiet, eliminating concerns of drive sounds being picked up while shooting video.



Focal Length: 163mm Exposure: F5.6 1/2500sec ISO: 640 (APS-C format camera is used; 244.5mm equivalent focal length)

Tamron offers a unified system of lenses with 67mm filter size

Combine the 70-300mm F4.5-6.3 with other members of Tamron's lineup of 67mm filter size lenses and cover an even wider range of scenes. The shared 67mm filter size enables efficiency in filter use; the same polarizer filters, or other filters, and lens caps can be shared between all models.

Built with Mirrorless in Mind

Tamron's new 70-300mm F4.5-6.3 zoom is compatible with many of the advanced features that are specific to mirrorless cameras. This includes:

- Fast Hybrid AF
- Eye AF
- Direct Manual Focus (DMF)
- In-camera lens correction (shading, chromatic aberration, distortion)
- Camera-based lens unit firmware updates

* Features vary by camera. Please consult your camera's instruction manual for details.

Additional Features

- Moisture-Resistant Construction

* Among 300mm-capable telephoto zoom lenses for full-frame mirrorless cameras (As of August, 2020: Tamron)

70-300mm F/4.5-6.3 Di III RXD (Model A047)

Model..... A047
 Focal Length..... 70-300mm
 Max. Aperture..... F4.5-6.3
 Angle of View (diagonal)..... 34°21'- 8°15'
 <for full-frame mirrorless format>
 Optical Construction..... 15 elements in 10 groups

MOD..... 0.8m/31.5 in (WIDE) // 1.5m/59.1 in (TELE)
 Max. Mag. Ratio..... 1:9.4 (WIDE) / 1:5.1 (TELE)
 Filter Size..... φ67mm
 Max. Diameter..... φ77mm
 Length*..... 148mm / 5.8 in
 Weight..... 545g (19.2 oz)

Aperture Blades..... 7 (circular diaphragm)**
 Min. Aperture..... F22-32
 Standard Accessories..... Round-shaped hood, Lens caps
 Compatible Mounts..... Sony E-mount

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.

* 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.

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

A047-EN-111-1-2008

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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.com

Note: Information valid as of August, 2020. Information in this publication is subject to change at any time without prior notice.