

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

Zoom in and enjoy the world around you

- The world's smallest and lightest* telephoto zoom lens.
- High quality images with beautiful, dreamy bokeh
- Superb AF keeps it sharp and quiet
- Quiet RXD AF stepping motor – ideal for videos
- Moisture-Resistant Construction protects your lens
- Compatible with the camera's own features

*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)

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



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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.

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

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

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|--------------------------|---|-------------------------|--|---|------------------------------|
| Model | A047 | Minimum object distance | 0.8m/31.5 in (WIDE) // 1.5m/59.1 in (TELE) | Aperture blades** | 7 (circular diaphragm)** |
| Focal length | 70-300mm | Largest image ratio | 1:9.4 (WIDE) / 1:5.1 (TELE) | Smallest aperture | F/22-32 |
| Largest aperture | F4.5-6.3 | Filter size | Ø 67 mm | Accessories included within the scope of delivery | Round-shaped hood, Lens caps |
| Angle of view (diagonal) | 34°21' - 8°15' for full-frame mirrorless format | Max. diameter | Ø 77 mm | Mounts | Sony E-Mount |
| | | Length* | 148mm / 5.8 in | | |
| Optical construction | 15 Elements in 10 groups | Weight | 545g (19.2 oz) | | |

* 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

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.



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

The 300mm end, which 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.