World’s first* 17-70mm F2.8

Innovation to expertly capture your world.
Vibration Compensation for crisp, shake-free images.

Versatility to clearly record every photo opportunity

17-70mm F/2.8 Di III-A VC RXD (Model B070)
For Sony E-mount  Di III-A: For APS-C format mirrorless interchangeable-lens cameras

*Among interchangeable F2.8 standard zoom lenses for APS-C mirrorless cameras (As of November, 2020: Tamron)
Expand photo experiences with an advanced standard zoom lens

The world’s first 17-70mm F2.8, large-aperture standard zoom lens for APS-C mirrorless cameras

The 17-70mm F/2.8 Di III-A VC RXD (Model B070) is a large aperture everyday zoom lens for Sony E-mount APS-C mirrorless cameras. This lens was created to achieve a broad zoom range and excellent image quality. With a focal length range of 17-70mm (a full-frame equivalent of 25.5-105mm), it’s the world’s first F2.8 standard zoom lens with a 4.1x zoom ratio for APS-C cameras. The 17-70mm includes Tamron’s proprietary VC (Vibration Compensation). Additionally, this lens focuses very close. It features an MOD (Minimum Object Distance) of 0.19m (7.5 in) at the wide-angle end and 0.39m (15.4 in) at the telephoto end. When shooting very close to the subject, the lens enables expressive imagery with highly blurred backgrounds. A feature unique to large aperture lenses. From portrait to landscape, and your everyday life, this lens captures all of the excitement and discoveries with the finest possible detail.

Built with Mirrorless in Mind

Tamron’s new 17-70mm F2.8 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)
- Camera-based lens unit firmware updates
- In-camera lens correction (shading, chromatic aberration, distortion)

17-70mm F/2.8 Di III-A VC RXD (Model B070)

<table>
<thead>
<tr>
<th>Model</th>
<th>MOD</th>
<th>Angle of View</th>
<th>Optical Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>B070</td>
<td>0.19m (7.5 in)</td>
<td>79°55’-23°00’</td>
<td>16 elements in 12 groups</td>
</tr>
<tr>
<td>Focal Length</td>
<td>17-70mm</td>
<td></td>
<td></td>
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<tr>
<td>Max. Aperture</td>
<td>F2.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. Diameter</td>
<td>0.39m (15.4 in)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. Magn. Ratio</td>
<td>1:4.8 (WIDE) / 1:5.2 (TELE)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filter Size</td>
<td>67mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length*</td>
<td>119.3mm (4.7 in)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>525g (18.5 oz)</td>
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Additional Features
- Fluorine Coating
- Moisture-Resistant Construction
- In-camera lens correction
- Direct Manual Focus (DMF)
- Camera-based lens unit firmware updates
- Fast Hybrid AF
- Eye AF
- 9 circular diaphragm
- For APS-C format mirrorless interchangeable-lens cameras

VC for worry-free still photography and video capture

The 17-70mm F2.8 utilizes Tamron’s highly regarded, proprietary VC image stabilization to maximize the inherent optical performance of the lens. It reduces the degradation of picture quality caused by minute camera shake that is likely to occur during handheld shooting at slow shutter speeds under low-light conditions indoors or at dusk. When shooting video, by leveraging AI technology, image stabilization performance improves compared to conventional models.

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.

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.

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

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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 Asahikawa, Japan, and is fully committed to striving for continued and sustainable improvement at all levels and facets of its business operations.

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

1 Among interchangeable F2.8 standard zoom lenses for APS-C mirrorless cameras (As of November, 2020: Tamron)  2 Di III-A: For APS-C format mirrorless interchangeable-lens cameras

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