

TAMRON announces world's first¹ compact, lightweight F2.8 ultra wide-angle zoom lens for Sony E-mount APS-C mirrorless cameras

11-20mm F/2.8 Di III-A RXD (Model B060)

April 22, 2021, Saitama, Japan – Tamron Co., Ltd. (President & CEO: Shiro Ajisaka), a leading manufacturer of optics for diverse applications, announces the launch of the 11-20mm F/2.8 Di III-A² RXD (Model B060), a fast-aperture ultra wide-angle zoom lens for Sony E-mount APS-C mirrorless cameras on June 24, 2021. Due to the current global health crisis, the release date or product supply schedule could change.



Model B060

PRODUCT NAME	DATE OF LAUNCH
11-20mm F/2.8 Di III-A RXD (Model B060)	June 24, 2021 <small>*Due to the spread of COVID-19, the release date or the product supply schedule could be delayed.</small>

The new 11-20mm F2.8 zoom is the world's first ultra wide-angle zoom lens for Sony E-mount APS-C mirrorless cameras that features an aperture of F2.8. Despite its fast F2.8 aperture, the lens is very small (86.2mm / 3.4 in) and feels perfectly balanced attached to a compact APS-C mirrorless camera body. It is the ideal ultra wide-angle lens for regular use. At the 11mm ultra wide-angle end, the lens exhibits stunning close-range shooting performance, achieving an MOD (Minimum Object Distance) of 0.15m (5.9 in) and a maximum magnification ratio of 1:4. This feature invites wide-angle macro shooting that exploits the creative effects of naturally occurring distortion that only ultra wide-angle lenses can provide.

¹ Among interchangeable F2.8 ultra wide-angle zoom lenses for Sony E-mount APS-C mirrorless cameras (As of March, 2021: TAMRON)

² Di III-A: For APS-C format mirrorless interchangeable-lens cameras

The new zoom is protected by Moisture-Resistant Construction and Fluorine Coating in consideration of outdoor shooting. Its 67mm filter size is identical to TAMRON's 17-70mm F/2.8 Di III-A VC RXD (Model B070) fast-aperture standard zoom lens for Sony E-mount APS-C mirrorless cameras and TAMRON's nearly all lenses in the series of full-frame mirrorless cameras that sit nicely on APS-C cameras as well. Compatible with many of the features that Sony builds into its cameras, including Fast Hybrid AF and Eye AF, the lens is packed with features that support comfortable shooting. The highly practical features enable photographers to enjoy the superb image quality of this ultra wide-angle, fast F2.8 aperture lens.

PRODUCT HIGHLIGHTS

1. The world's first F2.8 ultra wide-angle zoom lens for APS-C mirrorless cameras

The 11-20mm F2.8 is a bona fide ultra wide-angle zoom lens with an aperture of F2.8 across the entire zoom range. Meanwhile, it is compact, light weight and very practical. You can enjoy the unique and powerful world of ultra wide-angle photography at the 11mm end (the full-frame equivalent of 16.5mm). Ideal for regular use, the 20mm focal length (the full-frame equivalent of 30mm) is well suited for casual snapshot photography such as street shooting. With its usefulness rooted in its compact, lightweight design and fast F2.8 aperture, the 11-20mm F2.8 provides an exciting shooting experience with greater freedom in diverse shooting situations.

2. Compact and light weight for superior usability

The 11-20mm F2.8 is only 86.2mm (3.4 in) in length and weighs just 335g (11.8 oz). For a fast-aperture F2.8 ultra wide-angle zoom lens, this is remarkably compact and light. When used with an APS-C mirrorless camera body, it enables photographers to enjoy a responsive image capture system without being hindered by the size or weight of the lens. It provides a comfortable user experience for still photography and for shooting video using a small tripod or gimbal stabilizer.

3. Outstanding optical performance

The 11-20mm F2.8 construction includes 12 elements in 10 groups. Two precisely located GM (Glass Molded Aspherical) lens elements assure high resolution across the entire image, from edge to edge. In addition, the 11-20mm F2.8 incorporates one XLD (eXtra Low Dispersion) and two LD (Low Dispersion) lens elements to produce sharp images with optical aberrations highly corrected. It also features the BBAR-G2 (Broad-Band Anti-Reflection Generation 2) Coating that suppresses ghosting and flare to a minimum level and reveals the minute details of objects even when the subject is backlit.

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The combination of features harmonizes to provide sharp images with natural colors and rich saturation.

4. MOD of 0.15m (5.9 in) at the 11mm focal length

The 11-20mm F2.8 boasts an MOD (Minimum Object Distance) of 0.15m (5.9 in) at the 11mm focal length setting and 0.24m (9.4 in) at the 20mm end. This results in better and more versatile close-range shooting performance than existing ultra wide-angle zoom lenses at their widest focal length. At the widest 11mm setting it has an astonishing maximum magnification ratio of 1:4 that enables wide-angle macro photography that parlays the perspective unique to ultra wide-angle lenses, while also leveraging the expressive bokeh provided by the fast, bright maximum aperture of this lens.

5. A user-friendly unified 67mm filter size across the series

The 11-20mm F2.8 is so light that the total weight of it and the 17-70mm F/2.8 Di III-A VC RXD (Model B070) standard zoom lens for Sony E-mount APS-C mirrorless cameras together is only approximately 860g (30.3 oz). The combination of these two lenses covers an extreme range of focal lengths from 11mm to 70mm (equivalent to 16.5mm to 105mm on full-frame cameras) with a fast, wide-open aperture of F2.8 at every focal length, thereby enabling the size and weight of an entire mirrorless system to be massively reduced without sacrificing capabilities. Same as TAMRON's nearly all lens models for Sony E-mount cameras, it has a unified 67mm filter size that allows reciprocal sharing of filters such as PL and ND, and lens caps.

6. The RXD (Rapid eXtra-silent stepping Drive) stepping motor unit is exceptionally quiet and perfect for video use**7. Moisture-Resistant Construction and Fluorine Coating provide extra protection****8. Compatible with many camera-specific features and functions, including Fast Hybrid AF and Eye AF****SPECIFICATIONS**

Model	: B060
Focal Length	: 11-20mm (for full-frame mirrorless format: 16.5-30mm equivalent field-of-view)
Maximum Aperture	: F2.8
Angle of View (diagonal)	: 105° 20'-71° 35' (for APS-C mirrorless format)
Optical Construction	: 12 elements in 10 groups
Minimum Object Distance	: 0.15m /5.9 in (WIDE), 0.24m /9.4 in (TELE)
Maximum Magnification Ratio	: 1:4 (WIDE) / 1:7.6 (TELE)
Filter Size	: φ67mm
Maximum Diameter	: φ73mm
Length*	: 86.2mm (3.4 in)
Weight	: 335g (11.8 oz)
Aperture Blades	: 7 (circular diaphragm)**
Minimum Aperture	: F16
Standard Accessories	: Flower-shaped hood, Lens caps
Compatible Mounts	: 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.

About TAMRON Co., Ltd.

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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 its rich creativity and leading-edge technical prowess to various industrial fields. Furthermore, TAMRON is fully aware of its responsibility to the environment and aspires to help preserve the natural environment in all its business activities.

Optical Product Line-up:

Interchangeable lenses for 35mm / Digital SLR camera, Interchangeable lenses for Non-Reflex type camera, Camcorder lenses, Digital still camera lenses, Drone lenses, Optical device units, Surveillance camera lenses, FA and Machine vision lenses, Automotive camera lenses, Camera module, Test plates, etc.