

July 15, 2026

TAMRON 12-20mm F2.8 (Model A084)
12mm Ultra Wide-Angle Zoom, Unbelievably Compact Form
for Sony E-mount and Nikon Z mount Full-Frame Mirrorless

July 15, 2026 – Tamron Co., Ltd. (President & CEO: Shogo Sakuraba; Headquarters: Saitama City, Japan; “TAMRON”), a leading manufacturer of optics for diverse applications, announces the launch of the 12-20mm F2.8 (Model A084), a fast-aperture ultra wide-angle zoom lens, compatible with Sony E-mount and Nikon Z mount full-frame mirrorless cameras.



PRODUCT NAME	DATE OF LAUNCH
12-20mm F2.8 (Model A084)	July 30, 2026 (Sony E-mount)
For Sony E-mount, Nikon Z mount	August 27, 2026 (Nikon Z mount)

The defining feature of the 12-20mm F2.8 (Model A084) is its ultra-wide focal range, from 12mm to 20mm. The overwhelming breadth of the 12mm perspective enables dynamic expression that seems to "capture the entire expanse of a scene." With a bright F2.8 aperture maintained throughout the entire zoom range, this lens is poised to become the "new protagonist" for astrophotography and interior shooting.

The optical system incorporates an XGM (eXpanded Glass Molded Aspherical) lens element, three GM (Glass Molded Aspherical) lens elements, and multiple special lens elements. This design effectively suppresses peripheral blurring and color fringing while correcting sagittal coma flare — a common challenge in astrophotography — ensuring high sharpness from the center to the extreme edges of the frame.

Despite its exceptional imaging performance, the lens achieves a sophisticated balance of size and

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weight, measuring just 119.3mm (4.7in) in length and weighing only 570g (20.2oz).¹ While compact, it remains a professional-grade tool equipped with various switches and rings for superior operability. For autofocus, the lens features the VXD (Voice-coil eXtreme-torque Drive), a high-speed, high-precision linear motor focus mechanism. Furthermore, with an MOD (Minimum Object Distance) of 0.18m (7.1in) at the 12mm wide end, the lens offers outstanding close-up performance for creative versatility.

■ Product features

- 1. Beyond the Scope of Vision — The Overwhelming Perspective Only 12mm Can Capture**
- 2. Stunning Corner-to-Corner Resolution for Astrophotography and Nightscapes**
- 3. Enhanced Mobility for Landscapes — A Compact and Lightweight Design**
- 4. Comprehensive Control Features to Meet Professional Demands**
- 5. High-Speed, High-Precision, and Quiet Performance — Equipped with VXD Linear Motor Focus Mechanism**
- 6. Stunning Close-Up Performance — Unleashing the Dynamism of Ultra Wide-Angles**
- 7. Compatible with TAMRON Lens Utility™ — Seamless Support for Video and Stills**
- 8. Mastery of Light — The Artistry of a 12-Blade Circular Diaphragm**
- 9. Evolution of Form — Introducing the "Toned Profile Next" Lens Design**
- 10. Integrated Flower-Shaped Lens Hood and Locking Front Lens Cap**
- 11. Integrated Rear Filter Holder**
- 12. Included Soft Wrapping Cloth for Scratch Resistance**
- 13. Protective Features (Moisture-Resistant Construction and Fluorine Coating)**

Note:

¹ Length and weight are for Sony E-mount.

SPECIFICATIONS

Model	: A084
Focal Length	: 12-20mm
Maximum Aperture	: F2.8
Angle of View (diagonal)	: 121° 58' - 94° 30' (for full-frame mirrorless format)
Optical Construction	: 17 elements in 12 groups

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Minimum Object Distance	: 0.18m / 7.1in (WIDE), 0.28m / 11.1in (TELE)
Maximum Magnification Ratio	: 1:5.8 (WIDE) / 1:9.1 (TELE)
Filter Size	: - (Integrated rear filter holder)
Maximum Diameter	: $\varnothing$ 90mm
Length*	: 119.3mm (4.7in) for Sony E-mount 121.3mm (4.8in) for Nikon Z mount
Weight	: 570g (20.2oz) for Sony E-mount 585g (20.7oz) for Nikon Z mount
Aperture Blades**	: 12 (circular diaphragm)
Minimum Aperture	: F16
Standard Accessories***	: Front cap, Rear cap, Wrapping cloth
Mount	: Sony E-mount, Nikon Z 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.

*** Integrated flower-shaped hood (non-removable)

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.

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. For more details, please visit the official website of Tamron Co., Ltd. (<https://www.tamron.com/global/>)

Optical Product Line-up:

Interchangeable lenses for Mirrorless and DSLR cameras, Network Surveillance camera lenses, FA and Machine vision lenses, Teleconferencing lenses, Camera modules, Automotive camera lenses, Lenses

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for compact digital cameras and video cameras, Drone lenses, Medical devices and Various optical device units.