

SONY

Press Release

Sony Electronics Continues to Redefine Excellence in Imaging with the Introduction of the new FE 70-200mm F2.8 GM OSS II

*Sony's Newest G Master Lens Features Superb Resolution and Bokeh with
Next-generation AF Performance in the World's Lightest¹ Large-aperture Telephoto Zoom Lens*



- **World's lightest¹ 200 mm large-aperture telephoto zoom lens, approximately 29% lighter than the previous model**
- **Constant F2.8 70-200 mm telephoto zoom**
- **Fast, precise quiet AF (autofocus) and continuous AF tracking capabilities**
- **Up to approximately 4 times² faster AF, with focus tracking while zooming improved by approximately 30% when compared to the previous model³**
- **Advanced features for video creators**
- **World's lightest¹ 200 mm large-aperture telephoto zoom lens, approximately 29% lighter than the previous model**
- **Up to approximately 4 times⁴ faster AF, with focus tracking while zooming improved by approximately 30% when compared to the previous model⁵**
- **Professional-level control and reliability**
- **0.4m minimum focus distance**

Hong Kong, October 13, 2021 – Sony announced the newest lens in their G Master lineup – the FE 70-200mm F2.8 GM OSS II, which delivers an extraordinary combination of resolution and bokeh as well as unequalled AF (autofocus) performance known to Sony's G Master design.

Designed to perfectly pair with Sony's E-mount camera bodies, the FE 70-200mm F2.8 GM OSS II not only offers outstanding optical quality and advanced AF performance, but it is the lightest¹ F2.8 70-200 mm zoom in the world to allow for unprecedented shooting flexibility and freedom. Sony continues to strengthen the Alpha System with this newest addition to the broadest selection of mirrorless lenses on the market as the 65th lens in its E-mount lens lineup.

New Levels of Performance

The new FE 70-200mm F2.8 GM OSS II delivers outstanding image quality with high resolution and clarity. Users can expect a clean and clear image from corner-to-corner throughout the entire zoom range, even when the lens is wide open. Thanks to the two aspherical lens elements, including one XA (extreme aspherical) element manufactured to 0.01-micron surface precision, the FE 70-200mm F2.8 GM OSS II effectively controls distance-related aberration variations to ensure outstanding resolution throughout the image area.

The FE 70-200mm F2.8 GM OSS II also employs two ED (extra-low dispersion) spherical glass elements and two Super ED spherical glass elements to significantly reduce chromatic aberration without color bleeding. This lens also includes an ED aspherical element for the first time in an Alpha system lens, which simultaneously suppresses chromatic and spherical aberration, common issues in other telephoto lenses.

Smooth, beautiful bokeh is made possible by a large F2.8 maximum aperture and a newly developed 11-blade circular aperture unit. In addition, the lens' advanced optical design including XA elements thoroughly suppresses the unwanted 'onion ring' effect further enhancing the bokeh. The FE 70-200mm F2.8 GM OSS II also offers excellent close-up performance with deep bokeh. The minimum focusing distance is 15.7 inches (0.4 meters) at 70 mm and 32.3 inches (0.82 meters) at 200 mm. Maximum magnification achieves 0.3x. Moreover, the FE 70-200mm F2.8 GM OSS II can be easily paired with a high-performance 1.4x or 2.0x teleconverter³ to extend the lens' focal length to 400 mm⁶ at an F5.6 aperture, all while maintaining its G Master quality.

To avoid any unwanted flare and ghosting in tricky lighting conditions, Sony's original Nano AR Coating II produces a uniform anti-reflection coating on the surface of the lens. In addition, the FE 70-200mm F2.8 GM OSS II's optical design also effectively suppresses internal reflections to improve clarity.

Industry-leading Autofocus

The FE 70-200mm F2.8 GM OSS II's state-of-the-art lens technology brings out the best in the advanced camera body it is paired with. The new lens uses four Sony-original XD (extreme dynamic) Linear Motors for extraordinary fast and precise AF, making it up to approximately 4 times⁴ faster and focus tracking improved by 30% when compared to the previous model⁴. When paired with Sony's flagship Alpha 1, the FE 70-200mm F2.8 GM OSS II is capable of high-speed continuous shooting at up to 30 fps⁷. Superb AF tracking is also available even when using a teleconverter. For video, the FE 70-200mm F2.8 GM OSS II offers smooth and quiet AF to reliably lock in focus and track fast moving subjects even while zooming so the user can leave the focusing to the camera.

Advanced Features for Video

With its constant F2.8 maximum aperture, astounding AF performance, versatile control, and solid reliability, the FE 70-200mm F2.8 GM OSS II is a perfect choice for video. The new lens was designed to dramatically reduce focus breathing, focus shift, and axis shift when zooming so that there is minimal unwanted image movement and angle of view variations.

For easy video-use operation, the FE 70-200mm F2.8 GM OSS II features independent control rings for focus, zoom, and aperture (iris), allowing precise manual operation. The aperture ring also has a click ON/OFF switch. Additionally, Sony's Linear Response MF ensures responsive, low-lag manual focus control. The supplied lens hood also features an opening that allows convenient operation of circular polarising filters or variable ND filters for more creative flexibility.

Designed for Professionals

The FE 70-200mm F2.8 GM OSS II is the world's lightest¹ F2.8 telephoto zoom lens and is approximately 29% lighter than previous model, weighing just under 1,045g. In addition to its light weight, the FE 70-200mm F2.8 GM OSS II was designed for professionals to offer an ideal balance without front-heaviness, ensuring that the lens's center of gravity falls directly above the tripod mount. It also features internal zoom to keep the center of gravity constant.

The FE 70-200mm F2.8 GM OSS II has been specifically designed for professional based on their direct feedback. The new lens includes focus functions to support the user's professional needs such as Full-time DMF, natural and linear manual focus response and a focus-range limiter switch. The FE 70-200mm F2.8 GM OSS II also includes three customisable focus hold buttons that are provided 90° apart for easy access and convenient control when shooting in horizontal or vertical orientation, and just about any angle.

The FE 70-200mm F2.8 GM OSS II features both a click ON/OFF switch and an iris lock switch for quick, flexible aperture control. The aperture ring click stops can be turned ON to provide tactile feedback when shooting stills, or OFF for smooth, silent aperture control when shooting movies. In addition, the zoom ring torque is optimised and now includes image stabilisation with MODE 3⁸ for moving subjects.

The FE 70-200mm F2.8 GM OSS II is designed to be reliable in even the most challenging environments. It features dust and moisture resistance⁹ equal to the FE 400 mm F2.8 GM OSS and FE 600 mm F4 GM OSS, based on feedback from professionals. The front lens element features a fluorine coating that repels water, oil, and other contaminants, while making it easier to wipe off any contaminants or fingerprints that do become attached to the lens surface.

Availability

The **FE 70-200mm F2.8 GM** will be available from November 2021 at HK\$21,490.

Order Now

From October 15, 2021 to October 31, 2021, the FE 70-200mm F2.8 GM OSS II lens is available for pre-order at all Sony Stores, Sony Store online (www.sony.com.hk/store) and Sony sales hotline at (852) 2833-5129 as well as authorized dealers. Customers ordering the lens can enjoy one-year Premium Services free of charge (worth HK\$690).

Exclusive stories and exciting new content shot with the new FE 70-200mm F2.8 GM OSS II and Sony's other imaging products can be found at <https://www.sony-asia.com/alphauniverse/home>, a site created to educate and inspire all fans and customers of Sony α - Alpha brand.

A product video on the new FE 70-200mm F2.8 GM OSS II can be viewed [here](#).

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For customer enquiries, please contact Sony hotline service at (852) 2833-5129.

About Hong Kong Marketing Company

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¹ As of the October 2021 product announcement, compared to full-frame F2.8 70-200mm telephoto zoom lenses that support autofocus. Sony survey.

² When attached to the Alpha 1, compared to SEL70200GM. Sony test conditions.

³ Maximum aperture with the 1.4x and 2.0x teleconverters is F4 and F5.6, respectively.

⁴ When attached to the Alpha 1, compared to SEL70200GM. Sony test conditions.

⁵ Maximum aperture with the 1.4x and 2.0x teleconverters is F4 and F5.6, respectively.

⁶ 2.0x teleconverter can realise 400mm focal length. 1.4x teleconverter can realise 280mm focal length.

⁷ Sony test conditions.

⁶ A software update may be required. See Sony's support page on the web for camera compatibility info.

⁹ Not guaranteed to be 100% dust and moisture proof.