

# SONY

## Press Release

### **Sony Introduces New Super-Telephoto 600mm F4 G Master™ Prime Lens**

*Sony's longest reaching prime lens is world's lightest in its class,  
featuring high-performance AF, high resolution and beautiful bokeh*



**Hong Kong, June 28, 2019** – Sony today announced another impressive addition to its flagship full-frame G Master series lens line-up, the new FE 600mm F4 GM OSS super-telephoto prime lens (**SEL600F40GM**). The lightest in its class<sup>1</sup>, weighing in at only approx. 3040g, the FE 600mm F4 GM OSS features an extremely balanced design to ensure the best possible shooting experience. Along with the acclaimed FE 400mm F2.8 GM OSS lens, the new 600mm gives professional sports, wildlife and news photographers more options for capturing subjects at great distances with extreme accuracy and detail.

Sony's longest reaching prime lens, the new 600mm includes many of the company's most advanced optical and mechanical technologies, producing exceptional image quality with extraordinary focusing speed and precision. Sony's growing E-mount lens line-up now includes 33 full-frame models and 51 lenses in total. Being the 10th model from the flagship G Master series, the new 600mm F4 raises the bar for speed, mobility and control in a super-telephoto prime lens. Combining the extensive 600mm reach with features like 20 fps shooting and AF/AE calculations at 60 times per second on the  $\alpha$ 9 or extremely high-resolution performance on the  $\alpha$ 7R III allow professional photographers to create images that were simply not possible to capture before.

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<sup>1</sup> Compared to interchangeable 600mm F4 lenses for 35mm full-frame format camera bodies, as of June 2019. Sony survey



Captured by the a9 camera with SEL600F40GM lens

### **Fast, Precise and Quiet Autofocus<sup>2</sup>**

To take best advantage of the highly evolved autofocus systems of Sony's latest full-frame E-mount cameras, the new FE 600mm F4 GM OSS lens features two XD (extreme dynamic) Linear Motors that drive the lens' focus group to provide fast, precise AF and reliable subject tracking. These motors are supported by specially developed motion algorithms to minimise lag and instability, as well as to control noise levels, resulting in exceptionally quick, accurate and quiet autofocus performance, allowing the lens to capture dynamic, fast moving athletes or wildlife with ease.

### **Superb G Master Image Quality and Bokeh**

As a member of Sony's flagship G Master series lenses, this new large aperture super-telephoto prime lens features an incredible level of image quality and detail, with outstanding contrast and resolution maintained all the way to the corners of the image. The unique optical design includes a large XA (extreme aspherical) and an ED (extra-low dispersion) element that effectively suppress all common telephoto lens aberrations, plus three fluorite elements that help to minimise chromatic aberration and suppress any amount of colour bleeding. Sony's latest bokeh simulation technologies and XA element are also utilised to control spherical aberration and help achieve exquisite bokeh.

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<sup>2</sup> When the NEX series, ILCE-3000/3500, ILCE-5000/5100, ILCE-7/7R/7S, is attached, the autofocus function is limited. For details, please visit our support site:

[https://support.d-imaging.sony.co.jp/www/cscs/lens\\_body/?area=gwt&lang=en&mdl=SEL600F40GM&cat=3](https://support.d-imaging.sony.co.jp/www/cscs/lens_body/?area=gwt&lang=en&mdl=SEL600F40GM&cat=3)

The lens also features an 11-blade circular aperture mechanism that contributes to the high quality of bokeh in images and has been coated with Sony's original Nano AR coating to suppress any unwanted reflections, glare, or ghosting in images. The new FE 600mm F4 GM OSS is compatible with Sony's 1.4x and 2.0x E-mount tele-converters, producing outstanding imaging performance at extended focal lengths<sup>3</sup> while maintaining fast, precise AF performance.

### **Lightweight, Balanced Design**

Weighing in at only approx. 3040g, the new super-telephoto prime lens is the lightest in its class<sup>1</sup>, providing a level of portability and maneuverability that has never been achieved before in a lens of its style. Based on technology from the acclaimed FE 400mm F2.8 GM OSS lens, the lightweight design of the new 600mm lens is achieved through the usage of three fluorite elements, with a reduced number of elements deployed at the front of the barrel. Magnesium alloy is also used throughout the lens to help minimise weight and bulk.

Also inherited from FE 400mm F2.8 GM OSS, the new 600mm lens features a lens design that is not front-heavy, reducing moment of inertia that resists rotation, ensuring quicker, more precise panning when shooting handheld or on a monopod.



Captured by the a9 camera with SEL600F40GM lens

### **Durability, Reliability and Control**

To withstand the harsh conditions of sporting events and wildlife photography, Sony's new FE 600mm F4 GM OSS is built with a durable magnesium alloy and a strong, lightweight

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<sup>3</sup> Maximum aperture with the 1.4x and 2.0x teleconverters is F5.6 and F8, respectively

carbon fibre hood. The lens is also dust and moisture resistant<sup>4</sup>, and its front element is coated with fluorine to resist dirt and fingerprints.

There is also an ample number of hard controls on the lens, including customisable focus-hold buttons in four different locations on the lens barrel, which can be programmed for control of features, if desired. There is also a 'Full-Time DMF' switch to immediately engage manual focus at any point, and a focus ring that features Linear Response MF for fine, responsive manual focus.

Additionally, the new lens includes built-in optical stabilisation for dynamic action and three different 'Mode' settings, including a Mode 3<sup>5</sup> setting with an advanced algorithm that ensures easier framing when following moving subjects. It also features a function ring with selectable 'Preset' and 'Function' settings, and a drop-in filter slot that accepts ø 40.5mm ND and other filter types, as well as the optional **VF-DCPL1** Drop-in Circular Polarising Filter. The VF-DCPL1 filter can be rotated to achieve the desired polarisation while installed in the lens.

Sony's new FE 600mm F4 GM OSS super-telephoto prime lens (**SEL600F40GM**) is now available for orders at HK\$104,990.

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

Specifications can be viewed [here](#).

A product feature video can be viewed on the Sony Camera Channel on [YouTube](#).

### **About Hong Kong Marketing Company**

Hong Kong Marketing Company (HKMC), a division of Sony Corporation of Hong Kong Limited, provides sales, marketing and after sales services for Sony's consumer electronics products as well as broadcast and professional products in Hong Kong and Macau. For more information on Sony's products and services, please visit our website at <http://www.sony.com.hk>.

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<sup>4</sup> Not guaranteed to be 100% dust and moisture proof

<sup>5</sup> MODE 3 is supported by the latest α9/α7R III/α7 III software version. Refer to the Sony support site for camera body compatibility information