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**Sony Electronics Launches the Ultra-Wide 16mm F1.8 G Full-Frame Prime Lens**

*Compact and Lightweight Design Meets Exceptional Optical Performance*

SAN DIEGO, Feb. 26, 2025 - Sony Electronics introduces the 16mm F1.8 G (SEL16F18G), a full-frame E-Mount lens that combines an ultra-wide 16mm focal length with a compact, lightweight build. Delivering high-resolution image quality, smooth bokeh, precise autofocus, and a bright F1.8 aperture, this lens is ideal in a variety of photo and video scenarios including landscapes, architecture, astrophotography, and more.

"At Sony, we are committed to providing creators of all levels with a diverse range of lens options to meet their artistic and technical needs,” said Yang Cheng, Vice President of Imaging Solutions, Sony Electronics Inc. “The 16mm F1.8 G is now the widest prime lens in our G lens lineup and pairs seamlessly with all our latest full-frame Alpha series cameras, as well as the FX3 and FX30 cinema cameras. With 79 E-Mount lenses now available, we are continuing our mission to ensure photographers, filmmakers, and creators have a breadth of high-performing lens options to bring their visions to life."

**Ultra-Wide Performance with Stunning Bokeh**

The 16mm F1.8 G is engineered for breathtaking, dynamic perspectives with an ultra-wide 16mm focal length. Its advanced optical construction includes two AA (Advanced Aspherical) elements to ensure razor-sharp resolution across all apertures. A combination of one Super ED (Extra-low Dispersion) glass element and three ED elements effectively suppresses chromatic aberration, delivering edge-to-edge clarity. Additionally, Sony’s optimized coating minimizes flare and ghosting, resulting in stunning image quality even in challenging lighting conditions.

With a bright F1.8 maximum aperture and an 11-blade circular diaphragm, the 16mm F1.8 G produces beautiful, creamy bokeh that enhances subject separation. Its impressive close-up performance allows for a minimum focus distance of just 0.5 ft (0.15 m) with autofocus and a maximum magnification of 0.25x. When using manual focus, these values improve up to 0.43 ft (0.13 m) and 0.30x, enabling unique wide-angle compositions with extraordinary depth.

**Powerful Performance in a Compact Form**

Through advanced optical engineering, including Sony’s high-precision AA lens elements, the 16mm F1.8 G maintains ultra-wide capabilities in an impressively compact and portable form factor. Measuring just 3 x 3 in (73.8 x 75 mm) and weighing approximately 10.8 oz (304 g), it offers exceptional mobility without compromising image quality. Designed for professionals on the go, this lens excels in capturing expansive landscapes and intricate architectural compositions with precision and clarity.

**Fast and Accurate Autofocus**

Equipped with two XD (Extreme Dynamic) linear motors, the 16mm F1.8 G delivers rapid, precise autofocus with remarkable tracking performance. A newly developed control algorithm enhances responsiveness while reducing delay and vibration, ensuring smooth, near-silent operation. This makes it an exceptional choice for both stills and video, especially when capturing fast-moving subjects.

**Optimized for Stable Video**

Designed with videographers in mind, the 16mm F1.8 G minimizes focus breathing for seamless focus transitions. It fully supports the breathing compensation function[[1]](#endnote-2) available in compatible Sony Alpha camera bodies and pairs effortlessly with in-body Active Mode[[2]](#endnote-3) image stabilization to ensure steady footage, even while shooting handheld or on the move. The lens also features a standard 67mm front filter thread, making it easy to integrate with a wide range of filter accessories. The compact design is ideal for gimbal use.

**Intuitive Controls and Reliable Build**

The 16mm F1.8 G offers comprehensive manual controls, including a responsive focus ring, customizable focus hold button, focus mode switch, aperture ring, and iris lock switch. The aperture ring allows for tactile exposure adjustments, while the click ON/OFF switch enhances flexibility for both photography and video applications. Built to ensure durability and reliability in challenging environments, the 16mm F1.8 G features a dust- and moisture-resistant design[[3]](#endnote-4) and a fluorine-coated front element.

**Pricing and Availability**

The 16mm F1.8 G will be available in April 2025 for approximately $799.99 USD and $1099.99 CAD. It will be sold directly through Sony and at a variety of Sony’s authorized dealers throughout North America.

A product video on the new 16mm F1.8 G can be viewed here: <https://youtu.be/04fkjfK1tbQ>

For detailed product information about the 16mm F1.8 G please visit: <https://electronics.sony.com/imaging/lenses/full-frame-e-mount/p/sel16f18g>

Exclusive stories and exciting new content shot with the new 16mm F1.8 G and Sony's other imaging products can be found at [www.alphauniverse.com](http://www.alphauniverse.com), a site created to inform, educate, and inspire content creators.

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1. Camera compatibility info at: https://www.sony.net/dics/breathing/

Not available when shooting stills. Angle of view and image quality may change slightly when this function is [ON]. Effective compensation may not be achieved in all situations. [↑](#endnote-ref-2)
2. Compatible models only [↑](#endnote-ref-3)
3. Not guaranteed to be 100% dust and moisture proof [↑](#endnote-ref-4)