

A | Art

SIGMA 105mm F1.4 DG HSM

Introducing the “bokeh master”—featuring incredible resolution and designed for full-frame sensors, this is the longest focal length of the Art line’s F1.4 lenses

1. Optical system delivering unsurpassed F1.4 performance
2. Exceptional peripheral brightness
3. Professional specifications
4. Ease-of-use specifications
5. Compatible with full-frame Sony E-mount cameras
6. Compatible with Canon Lens Aberration Correction



Launch: TBD

Accessory: Case, Cover Hood (LH1113-01), tripod socket (TS-111), protective cover (PT-21)

Available AF mounts: SIGMA, Nikon, Canon, and Sony E-mount

Note: Appearance and specifications are subject to change without notice.

Leading the way in F1.4 brightness

Since introducing its first SIGMA Global Vision F1.4 lens in 2012, the 35mm F1.4 DG HSM | Art, SIGMA has been adding wide-aperture F1.4 options to the lineup. Now, with the introduction of the new 105mm F1.4 DG HSM | Art, SIGMA offers a total of nine lenses with F1.4 brightness, including six for full-frame cameras and three for APS-C cameras. SIGMA has designed all of these lenses to offer minimal optical aberration and deliver incredible resolution and stunning contrast. Boasting the longest focal length of the F1.4 Art line lenses, the new lens combines outstanding resolution with a beautiful bokeh effect. Designed with great care to ensure that both the in-focus and out-of-focus areas of the photograph are equally satisfying to the eye, this lens is truly a “bokeh master.” The SIGMA 105mm F1.4 DG HSM | Art has earned its place as the flagship of the F1.4 Art line lenses, prioritizing image quality above all to fulfill the promise of the line, delivering truly amazing optical performance.

【Key features】

1. Optical system delivering unsurpassed F1.4 performance

In order to combine outstanding wide-aperture, mid-telephoto performance with F1.4 brightness at maximum aperture, this lens incorporates 17 optical elements in 12 groups—an uncommonly large number of elements for a prime lens. By including three FLD glass elements, two SLD glass elements, and one aspherical lens element, the optical system minimizes axial chromatic aberration to deliver extremely high resolution along with ample peripheral light volume. The area in focus is extremely sharp, while the area out of focus features a beautiful bokeh effect with highly natural colors, making this lens a powerful choice for portrait photography. The optical system also minimizes sagittal coma flare, making this lens excellent for capturing starry skies.

2. Exceptional peripheral brightness

The most effective method of ensuring ample light is to maximize the diameter of the first element of the optical system. With its large filter diameter of 105mm, the SIGMA 105mm F1.4 DG HSM | Art delivers a significantly greater volume of peripheral light than other lenses in its class. Minimizing vignetting while offering a beautiful bokeh effect, this lens is ideal for portrait photography.

3. Professional specifications

Like SIGMA's Sports line lenses, the 105mm F1.4 DG HSM | Art features a highly effective dust- and splash-proof structure with special sealing at the mount connection*, manual focus ring, cover connection, and other areas, allowing photographers to work in all types of weather. In addition, the front of the lens is protected by a water- and oil-repellent coating that makes cleaning easy. The high-speed, high-accuracy autofocus helps photographers react in an instant to get those special shots.



*SIGMA mount lens does not include sealing, since sealing is present on compatible SIGMA cameras.

4. Ease-of-use specifications

Instead of conventional ABS plastic, the exclusive lens hood features CFRP (carbon fiber reinforced plastic), a light but strong material used in the interior and exterior fittings of aircraft, among many other applications. The removable Arca-Swiss tripod socket is compatible with Arca-Swiss platforms and clamps, and its exclusive protective cover makes the lens easier to carry and use when shooting hand-held.

5. Compatible with full-frame Sony E-mount cameras

The Sony E-mount version of this lens is compatible with Sony mirrorless cameras and contains the same optical system as the versions for other mounts. SIGMA MOUNT CONVERTER MC-11 is not required, and the lens includes such features as image stabilization and Lens Aberration Correction. In addition, the lens is compatible with Sony's Continuous AF, which is not available via MOUNT CONVERTER MC-11. SIGMA plans eventually to offer Sony E-mount versions of every full-frame prime lens currently available in the Art line, from 14mm to 135mm.

Note: 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.

6. Compatible with Canon Lens Aberration Correction

The Canon mount version of this lens is compatible with the Canon Lens Aberration Correction

function.* Matching the optical characteristics of the lens, this function performs in-camera corrections of peripheral illumination, chromatic aberrations, distortion, and more, to further enhance image quality.

*Function not available on all Canon cameras. Available corrections may vary depending on the Canon camera model.

【Other features】

- Rounded diaphragm
- Fast AF with full-time manual override*

*The operation of full-time MF may vary based on mount type.

- Compatible with Mount Converter MC-11

Note: SIGMA and Canon mount lens

- Available SIGMA USB DOCK makes customization and flexible adjustment possible*

*Not available for Sony E-mount lens

- Available Mount Conversion Service
- Brass bayonet mount
- Evaluation with SIGMA's own MTF measuring system: A1
- "Made in Japan" with outstanding craftsmanship

For more information about the SIGMA GLOBAL VISION lineup of fine products, please visit the official SIGMA global website:

SIGMA GLOBAL VISION: <http://www.sigma-global.com>

【Specifications】 All figures calculated for SIGMA

Lens Construction: 17 elements in 12 groups | Angle of view (35mm): 23.3° | Number of diaphragm blades: 9 (rounded diaphragm) | Minimum aperture: F16 | Minimum focusing distance: 100cm/39.4in. | Maximum magnification ratio: 1:8.3 | Filter size: ø105mm | Dimensions (diameter x length): ø115.9mm

x 131.5mm/4.6in. x 5.2in. | Weight: 1645g/58.0oz.

【Contact】

For further information, please contact your local authorized SIGMA Service Station listed in the link below:

<http://www.sigma-global.com/en/about/world-network/>

【Product information】

SIGMA GLOBAL VISION: <http://www.sigma-global.com>