

A | Art

SIGMA 85mm F1.4 DG HSM

Peak 85mm F1.4 performance. Introducing the ultimate lens for portraits and more.

1. A design that prioritizes optical performance—without compromise.
2. Featuring all of SIGMA's latest technologies.
3. Other features



Launch : TBD

Accessories: Case, Petal-Type Hood (LH927-02)

Corresponding AF mounts: SIGMA, Canon and Nikon

*The Appearance and specifications are subject to change without notice.

Peak 85mm F1.4 optical performance that more than satisfies the stringent standards of the Art line.

Portrait photographers demand the attractive bokeh effect that large-diameter lenses offer, as well as outstanding resolution. Fulfilling the exacting standards of the Art line, the SIGMA 85mm F1.4 DG HSM | Art delivers both of these elements at the highest level. The bokeh effect is so precise, you can focus on the pupil of the subject's eye while blurring the eyelashes. Adding to the effect, the area in focus is extremely high-resolution while the bokeh area is very attractive in appearance. The SIGMA 85mm F1.4 DG HSM | Art incorporates 14 lens elements in 12 groups, a remarkable structure that helps the lens deliver ultra-high-resolution. This lens is therefore an excellent match for full-frame DSLRs offering 50-megapixel or higher resolution.

[Key features]

1. A design that prioritizes optical performance—without compromise.
 - Outstanding resolving power and minimized chromatic aberrations help make this the ultimate lens for portraits.

To create a top-performing 85mm F1.4 lens, SIGMA leveraged its latest innovations in design and materials. The result is the ultimate lens for portraits. By taking chromatic aberrations to the absolute minimum, this lens offers performance that goes beyond, including incredibly sharp resolution and a beautiful bokeh effect.

- Image quality perfect for ultra-high-megapixel digital cameras

Ultra-high-megapixel full-frame DSLRs offering 50-megapixel or higher resolution are now available, and nothing will bring out the performance potential of these cameras better than the fundamental performance of the lens. The SIGMA 85mm F1.4 DG HSM | Art incorporates two elements made of SLD (Special Low Dispersion Glass) and one element with a high rate of anomalous partial dispersion and a high index of refraction. These features help ensure a clear image throughout the plane. The optical system also minimizes

sagittal coma flare for outstanding image quality without streaking—even at wide-open aperture.

- **SIGMA's fifth large-diameter F1.4 lens for full-frame sensors.**

Among its new product lines, this is the fifth large-diameter F1.4 lens SIGMA has introduced for cameras with full-frame sensors. SIGMA is the only lens manufacturer that covers 20-85mm at F1.4 brightness in its lineup. This latest lens reflects our experience with this specification and insistence on offering only the best.

- **The beautiful bokeh effect that only a large-diameter lens can offer**

Elements made of SLD (Special Low Dispersion) glass and an optimized power distribution help minimize axial chromatic aberration. In the areas in front of and behind the point of focus, the optical system produces an attractive and natural bokeh effect by producing a smooth gradation of focus and minimizing streaking.

2. **An all-new lens that leverages SIGMA's latest design technologies.**

- **Newly designed HSM for nimble AF control**

The newly designed Hyper Sonic Motor (HSM) offers 1.3 times the torque of its predecessor. Even at low speeds, it offers exceptionally stable performance, and the updated AF algorithm helps ensure nimble autofocus performance. In addition, full-time manual focus override allows the lens to be switched to manual focus simply by rotating the focus ring—even during continuous AF. The user can quickly find the perfect focus without needing to touch the focus mode switch.

3. **Other features**

- **Compatible with Mount Converter MC-11**

Mount Converter MC-11 allows you to use your SIGMA SA mount and SIGMA EOS mount (Canon-compatible) interchangeable lenses with the Sony E-mount camera body. Owners

of multiple camera systems can get even more out of their valuable lens assets, while Sony E-mount camera owners can enjoy the world of large-diameter mid-telephoto photography.

- SIGMA USB DOCK makes customization and flexible adjustment possible.
- Applicable for the Mount Conversion Service that enables lenses to be long term assets
- Incorporating Rounded Diaphragm
- Designed to minimize flare and ghosting
- Brass made bayonet mount
- Water and oil-repellent coating ensures a pleasant photography experience
- Nikon electromagnetic diaphragm mechanism included
- Evaluation with SIGMA's own MTF measuring system "A1*"
- "Made in Japan" with the best craftsmanship

[Specifications] All figures calculated for SIGMA.

Lens construction: 14 elements in 12 groups

Minimum aperture: F16

Filter size: ϕ 86mm

Angle of view (35mm): 28.6°

Minimum focusing distance: 85cm/33.5in.

Dimensions (diameter x length): ϕ 94.7mmx126.2mm/3.7in.x5.0in.

Number of diaphragm blades: 9 (Rounded diaphragm)

Maximum magnification ratio: 1:8.5

Weight: TBD

[Contact]

For the further information, please find the nearest authorized SIGMA Service Station from the link below.

<http://www.sigma-photo.co.jp/english/network/>

[Information]

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