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EXCLUSIVELY FOR MIRRORLESS CAMERAS | COMPATIBLE WITH FULL-FRAME CAMERAS

## A Art

# 20mm F1.4 DG DN

1. Outstanding optical performance
2. Advanced functionality for every shooting situation
3. Superb build quality with uncompromising attention to detail

**UK SRP:** £859 (US: \$899)

**Embargo date:** 1pm, 8 August 2022

**On sale date:** 26 August 2022



**Supplied accessories:** Case, Petal-type lens hood with lock (LH878-04), Front Cap (LCF-82 III), Rear Cap (LCR II), Filter Holder, Guide Plate (GP-21)

**Available mounts:** L-Mount, Sony E-mount

- The appearance and specifications of the product are subject to change.
- 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.
- L-Mount is a registered trademark of Leica Camera AG.

#SIGMA #SIGMA20mmF14Art #SIGMAArt #SIGMAArtPrime #SIGMADGDN

**The SIGMA 20mm F1.4 DG DN | Art is a wide-angle, ultra-wide-aperture prime that is perfect for astrophotography. Available in L-Mount and Sony E-mount, it delivers outstanding Art-line optical quality and offers a range of advanced features. As well as being very well-suited to astro, the 20mm F1.4 is an ideal optic for landscapes, interiors and a range of other wide-angle applications.**

Weighing in at just 635g, the lens is significantly lighter and more portable than Sigma's existing 20mm F1.4, and introduces a number of important features including a manual aperture ring with de-click and lock functionality, a front filter thread and rear filter holder, a Lens Heater Retainer to hold a heat strip in position, and an all-new Manual Focus Lock switch to fully deactivate the focus ring.

The optical performance of the lens is exceptional, with ultra-sharp results across the entire frame even at F1.4, and very well controlled sagittal coma flare – essential for astrophotography. The bright aperture is perfect for night sky landscapes, as well as for hand-held low-light shooting and for achieving a shallow depth-of-field.

This superb image quality, compact form-factor and advanced feature-set, combined with a beautifully constructed body, make for a versatile, high-performance optic that will enable photographers to unleash their creative potential and start achieving wide-angle images with impact.

\* Figures are for L-Mount



## Key features

### Outstanding optical performance

The SIGMA 20mm F1.4 DG DN | Art delivers highly detailed results that easily satisfy the demands of professional photographers and film-makers.

The lens is constructed with 17 elements arranged in 14 groups, including two SLD elements and three aspherical elements, one of which is the largest double-sided aspherical element ever produced by Sigma. This advanced optical design rigorously suppresses a range of optical aberrations, such as sagittal coma flare and chromatic aberration, and ensures pin-sharp results right across the frame even wide-open at F1.4.

The outstanding performance of this all-new wide-angle prime has been made possible thanks to Sigma's unparalleled manufacturing technology at its sole production base at Aizu in Japan, which has evolved over 60 years of lens development. The company pioneered the world's first full-frame 20mm F1.4 prime in 2015, and has since produced some of the highest-performing wide-angle primes and zooms on the market, including the 14mm F1.8 DG HSM | Art and the 14-24mm F2.8 DG DN | Art.

## Advanced functionality for every shooting situation

SIGMA's experience in optical design, combined with its high-precision manufacturing capability, has made it possible to equip the 20mm F1.4 DG DN | Art with a front filter thread in spite of its very large F1.4 aperture and ultra-wide angle-of-view. The lens also comes with a rear filter holder, giving photographers the freedom to more easily combine multiple filters. This is particularly useful for astrophotographers, who may want to attach a light pollution filter at the front and a soft filter at the rear.

The lens has an aperture ring built in, which is de-clickable for a smooth transition between aperture settings – useful for changing exposure seamlessly during video shooting. The aperture ring also has a lock switch. A new Manual Focus Lock (MFL) switch completely deactivates the focus ring, ensuring the focus position won't change if it is accidentally knocked. So for night-sky photographers, the days of using tape to hold the focus ring in position are over.

Another brand new feature designed with astrophotographers in mind is the Lens Heater Retainer, which is a pronounced lip around the front element to keep a heat strip firmly in place. Heat strips are commonly used to stop condensation forming on the elements when working at night.

An AFL button is built into the lens, which can be customized\*<sup>1</sup> to a range of different functions.

\*<sup>1</sup> Only on compatible cameras. Available functions may vary depending on the camera used.



The lens joins the 24mm F1.4, 35mm F1.2, 35mm F1.4, 85mm F1.4 and 105mm F2.8 MACRO in the DG DN Art prime range for mirrorless.

## Superb build quality with uncompromising attention to detail

Designed and manufactured at Sigma's sole factory in Aizu in Japan, the 20mm F1.4 DG DN meets the exceptionally high production standards that users have come to expect from Sigma's Global Vision lenses.

The robust body is built from a combination of aluminum and Thermally Stable Composite (TSC), giving it a sleek finish, and the focus ring has a smooth, well damped action. A petal-shaped lens hood is included, and equipped with a lock mechanism to keep it securely fastened to the lens. A rubber grip makes it easier to attach and remove the hood.

Built with a dust and splash-resistant structure, a water- and oil-repellent coating on the front element, and a rubber seal around the mount, the 20mm F1.4 DG DN is safe to use during longer outdoor shoots.\*<sup>2</sup>

The 20mm F1.4 DG DN is built with exceptional attention to detail in its functionality, construction and design ergonomics, helping users achieve the best possible results in any shooting situation.

\*<sup>2</sup> While the lens is safe to use in light rain, please note that it is not fully weather sealed and therefore not waterproof.



## Additional features

- Lens construction: 17 elements in 15 groups, with 2 FLD and 3 aspherical elements
- Internal focus system
- Compatible with high-speed autofocus
- Stepping Motor
- Compatible with Lens Aberration Correction
  - Function available on supported cameras only. Available corrections and auto correction functionality may vary depending on the camera model.
  - On cameras where lens aberration correction is controlled with 'ON' or 'OFF' in the camera menu, please set all aberration correction functions to 'ON' (AUTO).
- Support for DMF and AF+MF
- Compatible with AF Assist (Sony E-mount only)
- Super Multi-Layer Coating
- Nano Porous Coating
- Water- and oil-repellent coating
- Focus Mode Switch
- Lens Heater Retainer
- Aperture Ring
- Aperture Ring De-click Switch
- Aperture Ring Lock Switch
- AFL Button
- MFL Switch
- Rear filter holder
- Petal-type lens hood (LH878-04)
- Mount with dust and splash-resistant structure

- Support for switching between linear and non-linear focus ring settings (L-Mount only)
- Compatible with SIGMA USB DOCK UD-11 (sold separately; L-Mount only)
- Designed to minimise flare and ghosting
- 9-blade rounded diaphragm
- High-precision, durable brass bayonet mount
- ‘Made in Japan’ craftsmanship
- Every single lens is evaluated with Sigma’s proprietary MTF measuring system

## Key specifications (The figures below are for L-Mount)

Lens construction: 15 groups, 17 elements (2 FLD and 3 aspherical elements)

Angle-of-view: 94.5°

Number of diaphragm blades: 11 (rounded diaphragm)

Minimum aperture: F16

Minimum focusing distance: 23cm

Maximum magnification ratio: 1:6.1

Filter size:  $\phi$ 82mm

Dimensions (max diameter x length):  $\phi$ 87.8mm x 111.2mm

Weight: 635g

## Bar code

L-Mount: 0085126 414696 | Sony E-mount: 0085126 414658

## Supplied accessories

Front Cap LCF-82 III	0085126 930028
Petal-type lens hood with lock LH878-04	0085126 939960
Rear Cap LCR II	
L-Mount	0085126 937256
Sony E-mount	0085126 929879



LENS HOOD LH878-04

## Optional accessories

SIGMA USB DOCK UD-11 for L-Mount:	0085126 878696
SIGMA WR PROTECTOR 82mm	0085126 930974
SIGMA PROTECTOR 82mm	0085126 931100
SIGMA WR UV FILTER 82mm	0085126 930714
SIGMA WR CIRCULAR PL FILTER 82mm	0085126 930844

## Further information

