

## Sigma 16mm F1.4 DC DN



A new solution for mirrorless camera users. The second in a series combining F1.4 brightness and a compact body. Introducing a new high-performance, large-diameter wide-angle lens.

Rating: Not Rated Yet

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Manufacturer [Sigma](#)

### Description

Offering an opportunity to experience the fun of shooting wide open, with F1.4 brightness

Developed to feature a lightweight, compact package for everyday use, SIGMA DN lenses for mirrorless cameras deliver superior performance covering the key focal lengths. The new lens builds on the success of the 30mm F1.4 DC DN | Contemporary, which SIGMA released in 2016 as the first in a new series of prime lenses for mirrorless cameras. The 16mm F1.4 DC DN | Contemporary also combines F1.4 brightness with top-level optical performance.

Sharing its development concept with the SIGMA 30mm F1.4 DC DN | Contemporary, the 16mm F1.4 DC DN | Contemporary features a lens structure with 16 elements in 13 groups and includes the finest materials. This lens effectively minimizes optical aberrations and offers superb resolution at wide-open aperture and throughout the aperture range. The optical design and stepping motor deliver smooth autofocus during video shooting, while the mount features a special sealing for a dust- and splash-proof design.

\* About the lens name

SIGMA lenses with "DC" in the name are designed for optimal performance on cameras with APS-C image sensors. When a DC lens is used

with a camera with a full-frame image sensor, vignetting will occur. Photographers are advised to adjust image area settings for optimal image results. SIGMA lenses with "DN" in the name are designed for optimal performance on cameras with a short flange back distance.

A member of the high-performance Contemporary line, featuring SIGMA's latest technologies. For optimal balance with light, compact camera bodies with a short flange back distance, SIGMA designed the new SIGMA 16mm F1.4 DC DN | Contemporary lens to be extremely compact. Moreover, the special design of the focus lens group allows fast and smooth AF performance for videography and more. This lens combines a compact design and comfortable operation while prioritizing outstanding image quality. Featuring SIGMA's latest technologies, this lens digitally corrects optical distortion.

The stepping motor delivers excellent autofocus with quiet performance. The optical design and stepping motor deliver smooth autofocus during video shooting. The lens design fully accommodates the Fast Hybrid AF of Sony E-mount cameras for super-fast autofocus functionality. Using face recognition AF results in consistent autofocus on faces, even as the subjects move.

Image quality rivaling that of our Art line lenses

Minimizing sagittal coma flare

With 16 elements in 13 groups, the optical system features a multitude of high-tech and high-end components, including three FLD glass elements, two SLD glass elements, and two molded glass aspherical elements. This optical system minimizes optical aberrations and ensures outstanding resolution at wide-open aperture and throughout the aperture range. In particular, the two aspherical lens elements have ultra-high-precision surfaces polished to tolerances under 10 nanometers, minimizing the onion ring bokeh effect that some aspherical elements produce and ensuring clear image quality throughout the frame. In addition, the structure of the optical system gently bends light to minimize sagittal coma flare and deliver optimal optical performance from the center of the frame to the edges. The result is a smooth, round bokeh effect with ample light volume throughout the frame.

Lens Construction 16 elements in 13 groups

Angle of View (for SD1) 83.2°

Number of Diaphragm Blades 9 (Rounded diaphragm)

Minimum Aperture F16

Minimum Focusing Distance 25cm / 9.8in.

Maximum Magnification 1:9.9

Filter Size Diameter 67mm

Dimensions Diameter 72.2mm x Length 92.3mm / 2.8in. x 3.6in.

Weight 405 / 14.3oz.

Corresponding AF Mounts

Micro Four Thirds 00-85126-402631

Sony E-Mount 00-85126-402655

Canon EF-M 00-85126-402716

L-Mount 00-85126-402693

FUJIFILM X Mount 00-85126-402754