

SIGMA APO MACRO 180mm F2.8 EX DG OS HSM

2012.1.10

The Sigma Corporation is pleased to announce the new Sigma APO Macro 180mm F2.8 EX DG OS HSM.

This is the world's first 180mm macro lens incorporating a magnification ratio of 1:1 and a large maximum aperture of F2.8. It benefits from Sigma's original Optical Stabilizer function and the wide F2.8 aperture allows faster shutter speeds for narrow depth of field, enabling photographers to emphasize the subject. Three FLD ("F" Low Dispersion) glass elements provide excellent correction for color aberrations. This lens incorporates Sigma's floating inner focusing system. This minimizes aberrations which occur as shooting distances change, and enables stable rendering of the image from infinity to 1:1 magnification. The Super Multi-Layer Coating reduces flare and ghosting and provides sharp and high contrast images even at the maximum aperture. Equipped with Sigma's own propriety OS (Optical Stabilizer) system, this lens offers the use of shutter speeds approximately 4 stops slower than would otherwise be possible*, enabling handheld close-up photography. The incorporation of HSM (Hyper Sonic Motor) ensures quiet and high speed autofocus as well as full-time manual focus capability. This lens has a rounded 9 blade diaphragm creating an attractive blur to the out of focus areas of the image. At 1:1 magnification, this lens has a focusing distance of 47cm/18.5in, which is a greater working distance than shorter focal length macro lenses. This is advantageous when taking pictures of highly sensitive subjects such as butterflies and insects. Attaching Sigma's optional Tele Converter's allows photographers' to shoot with an even greater working distance or with a magnification ratio larger than 1:1.

* The effectiveness of the OS system will gradually decrease as the shooting distance becomes shorter.



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Case, Bayonet type Hood (LH927-01),
Hood Adapter (HA927-01), tripod socket (TS-21) supplied.

Specification (For Sigma mount)

***Lens Construction:**19 Elements in 14 Groups ***Angle of View:**13.7° (For SD1 : 9.0°) ***Number of blades:**9 Blades (Rounded Diaphragm) ***Minimum Aperture:**F22
***Minimum Focusing Distance:**47cm/18.5in. ***Maximum Magnification:**1:1 ***Filter Size:**Diameter 86mm ***Dimensions:**Diameter 95mm×Length203.9mm/3.7in.×8.0in.
***Weight:**TBD

* FLD glass is the highest level low dispersion glass available with extremely high light transmission. The optical glass has a performance equal to fluorite glass which has a low refractive index and low dispersion compared to current optical glass. It also benefits from high anomalous dispersion. These characteristics give excellent correction for residual chromatic aberration (secondary spectrum) which cannot be corrected by ordinary optical glass and ensures high definition and high contrast images. * When using the APS-C Hood Adapter HA927-01 with digital cameras with larger than APS-C size image sensor, vignetting will occur. Please remove the hood adapter if you are using these cameras. * The appearance and specification are subject to change without notice.