

SIGMA

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SIGMA

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S Sports
**150-600mm F5-6.3
DG DN OS**



S Sports

150-600mm F5-6.3 DG DN OS



Designed exclusively for full-frame mirrorless cameras

Capture the magic through your finder.

The 150-600mm F5-6.3 DG DN OS | Sports is SIGMA's first ultra-telephoto zoom lens, designed from the ground up specifically for full-frame mirrorless cameras. It offers outstanding levels of performance, functionality, and build quality required for ultra-telephoto shooting in the most demanding situations. Image quality is exceptional, with ultra-high-performance glass capable of delivering ultra-sharp results even on the highest resolution cameras. The lens displays beautiful bokeh throughout its zoom range, and optical aberrations are kept well under control. It can be used with SIGMA's 1.4x and 2x L-Mount teleconverters, with AF effective up to 1200mm. Fast and accurate autofocus owing to an AF unit equipped with a high-precision magnetic sensor, combined with an OS (Optical Stabilizer) function effective to approximately 4 stops* of image stabilization makes this a highly responsive lens that can handle even the most challenging subjects. It has a Dual Action Zoom system that includes straight and ring zoom, a dust and splash resistant structure, and customizable switches helping photographers and filmmakers adapt quickly and easily to virtually any shooting environment.

*Based on CIPA guidelines (measured in 600mm with a 35mm full-size image sensor)

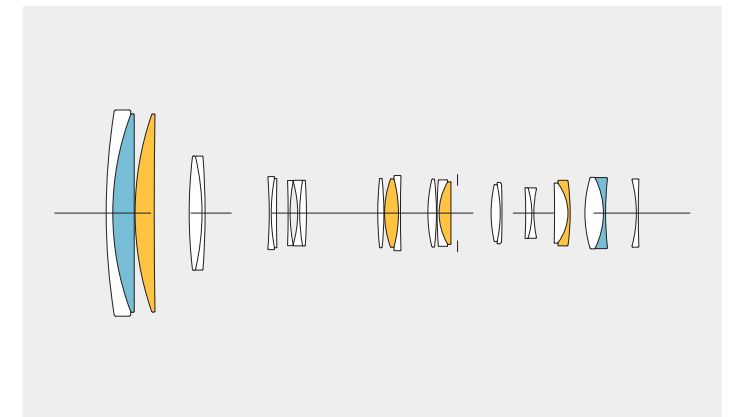
More on our new product lineup:

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Principal features

Uncompromising optical performance throughout the zoom range

The SIGMA 150-600mm F5-6.3 DG DN OS | Sports offers outstanding optical performance throughout its zoom range and at all apertures. Based on the latest optical design technology, its lens construction of 25 elements in 15 groups includes a range of high-performance glass that ensures thorough control of different types of aberrations. This helps give images the resolution and clearest detail, both at the tele end around 600mm, which is critical for an ultra-telephoto zoom, and throughout its entire zoom range. The lens was designed with image quality in the out-of-focus areas in mind as well, with attractive compression and beautiful bokeh for creating eye-catching images that can only be achieved with a long focal length. Through improvements to the designs as well as extensive simulated testing, the lens has achieved high resistance to ghosting and flare. This helps ensure sharp and high-contrast images even in strong sunlight or in backlit conditions. At the wide end of 150mm, the lens has an impressive minimum focusing distance of 58 cm. On the L-Mount, the use of two dedicated teleconverters will allow you to shoot with AF up to 1200mm. This lens is the perfect tool for tackling a broad range of shooting situations, giving you a greater freedom in your choice of composition.



FLD glass SLD glass

Outstanding build quality optimized for ultra-telephoto photography

The 150-600mm F5-6.3 DG DN OS | Sports combines the build quality that upholds the SIGMA Sports line standards with excellent operability, considering different shooting environments and modes of operation expected with an ultra-telephoto lens. A dust and splash resistant structure, combined with a water and oil repellent coating applied to the front element, provides a peace of mind even in a harsh shooting environment. A Dual Action Zoom supports both straight and ring zoom, allowing changes of the angle of view in a quick and intuitive way. With a newly incorporated Zoom Torque switch, you can change the resistance of the zoom ring and lock it at the wide end. A magnesium tripod socket is attachable to an Arca Swiss type clamp, and the foot is removable and may be replaced with an optional lens foot or mounted on a monopod. The lens body uses parts made of aluminum and TSC (Thermally Stable Composite); a type of polycarbonate with a thermal expansion rate similar to that of aluminum, where they are most suitable. By utilizing its design exclusive for mirrorless cameras, the lens is both robust—an attribute essential for the Sports line lens—and compact and lightweight. Compared to the SIGMA 150-600mm F5-6.3 DG OS HSM | Sports for SLR cameras, this lens is lighter by 760g and shorter by 26.6mm*. *The 150-600mm F5-6.3 DG DN OS | Sports for L-Mount, compared to the 150-600mm F5-6.3 DG OS HSM | Sports for SIGMA SA-mount.

Fast, high-precision AF and impressive functionality

The 150-600mm F5-6.3 DG DN OS | Sports has the pro-level functionality that defines the SIGMA Sports line lens. With an AF actuator controlled by a stepping motor, the lens combines fast and quiet autofocus with excellent tracking of moving objects. Furthermore, a high-precision magnetic sensor enables highly accurate positioning for fast and high-precision AF. This is particularly impressive on an ultra-telephoto lens where the focus lens has to move a significant distance. The OS function delivers effective 4 stops* image stabilization, ideal for hand-held shooting at slower shutter speeds. It is possible to change the OS settings using the OS switch and Custom Mode switch to best suit the shooting situation. The lens has a Focus Limiter switch offering three-zone AF modification, which helps to speed up AF performance, and on the L-Mount a custom focusing limit can be set via the SIGMA USB DOCK. The lens also has three AFL buttons to which you can assign various functions on the camera side depending on the model of camera used, ensuring that key settings can be customized to suit your shooting style and be accessed easily so that you can adapt quickly to changing conditions. With this lens, the creative possibilities are limitless.

*Based on CIPA guidelines (measured in 600mm with a 35mm full-size image sensor)

Lens Exterior

Note: Appearance varies slightly by mount types.

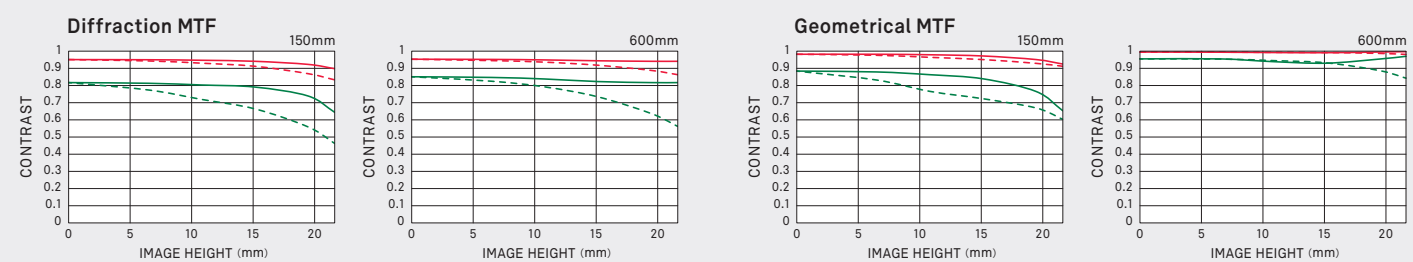


Specifications

*These figures below are for L-Mount.

Lens construction	15 groups, 25 elements (4 FLD and 2 SLD)	Maximum magnification ratio	1:2.9 (At a focusing distance of 180mm)
Angle of view	16.4°(W) - 4.1°(T)	Filter size	ø95mm
Number of diaphragm blades	9 (rounded diaphragm)	Maximum dimensions × length	ø109.4mm × 263.6mm / ø4.3 - 10.4in.
Minimum aperture	F22-29	Weight	2,100g / 74.1oz (Tripod included)
Minimum focusing distance	58(W)-280(T)cm / 22.8-110.2in.		

*The length is the distance from the lens leg to the mount faceplate.



Available AF mount • L-Mount: 0085126 747695 • Sony E-mount: 0085126 747657

Case, Cover Hood (LH1034-01), Cover Lens Cap (LC-747E), Shoulder Strap, Tripod Socket (TS-121, Replaceable lens foot type), supplied.

*L-Mount is a registered trademark of Leica Camera AG. *Appearance and specifications 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.

Spatial frequency S M S: Sagittal line M: Meridional line
10 lines / mm --- --- All values are at wide-open aperture.
30 lines / mm - - - -