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SIGMA announces the standard to hyper-telephoto 60-600mm F4.5-6.3 DG OS HSM | Sports

SIGMA Canada is pleased to announce the development of the new SIGMA 60-600mm F4.5-6.3 DG OS HSM | Sports. Covering focal lengths of 60mm to 600mm, the 10x hyper-telephoto zoom lens achieves the same level of high image quality as the SIGMA 150–600mm F5-6.3 DG OS HSM | Sports. With the lens construction of 25 elements in 19 groups, consistent image quality can be created throughout the entire zoom range. This lens also incorporates Intelligent OS^{*1} adopting the latest algorithm to deliver an image stabilization effect of 4 stops^{*2}. The high-speed AF, thanks to the HSM (Hyper Sonic Motor) with an updated algorithm, captures instantaneous photography movement. High ratio, high image quality, and high mobility. The SIGMA 60–600mm F4.5-6.3 DG OS HSM | Sports marks the birth of a lens that is on another level from existing high ratio zoom lenses.

^{*1} In Mode 2, the movements of subjects can be captured without losing panning effects thanks to the image stabilization function even when the camera is moved horizontally, vertically, or diagonally—regardless of the position of the lens. ^{*2} Based on CIPA guidelines (Measured in 600mm with a 35mm full-size image sensor)

The new SIGMA 60-600mm F4.5-6.3 DG OS HSM | Sports is expected to be available in Canada by November with a suggested retail price of \$2799.95 CAD. The lens will be available in SIGMA SA, Canon and Nikon mounts. For further details about the new SIGMA 60-600mm F4.5-6.3 DG OS HSM | Sports lens, please contact Max Payne, Director of Marketing & Communications, at 905-513-7733 or email media@gentec-intl.com.

High optical quality meeting the most stringent needs of professional photographers

This lens incorporates three FLD (“F” Low Dispersion) glass elements and one SLD (Special Low Dispersion) glass element to provide excellent correction of magnification chromatic aberration encountered in hyper-telephoto shooting. This offers both high resolution and consistent edge to edge performance through the entire zoom range. In addition, when shooting at the focal length of 200mm, the SIGMA 60–600mm F4.5-6.3 DG OS HSM | Sports can also be used for telephoto macro photography, with a maximum magnification ratio of 1:3.3, thanks to its high rendering performance.

Incorporating multi-material to achieve both portability and durability

To achieve comfortable handling required for a 10x zoom lens while maintaining high optical quality, the SIGMA 60-600mm F4.5-6.3 DG OS HSM | Sports incorporates multi-material, such as magnesium, CFRP^{*3}, and TSC^{*4}. The use of these superior materials in the right place reduces the weight of the overall lens to enhance portability and ensure durability.

^{*3} Carbon fiber reinforced plastic, a light but strong material used in the interior and exterior fittings of aircraft, among many other applications.

^{*4} Thermally Stable Composite (TSC) offers thermal expansion characteristics similar to those of aluminum. Since parts made with TSC expand and contract less due to changes in temperature, they tend to perform better under extreme conditions and help maintain the performance of the lens. TSC also offers outstanding elasticity. Compared to polycarbonate containing 20% glass, TSC offers approximately 70% higher elasticity. Compared to polycarbonate containing 30% glass, it offers 25% higher elasticity. (Comparison is between SIGMA-produced components.)

Design that ensures photographers capture every desired moment

The zooming mechanism has been engineered to make both smooth rotation and straight zoom possible. In addition, as a lens from the Sports line, the dust- and splash-proof structure ensures safe use even in the most challenging shooting conditions. Together with the water- and oil-repellent coating on the front lens, this lens surely meets the exact requirements of professional photographers.

SIGMA 600mm hyper-telephoto zoom lens lineup accommodates diverse shooting styles

The arrival of the 60-600mm F4.5-6.3 DG OS HSM | Sports expands the lineup of SIGMA's 600mm zooms to three lenses. The SIGMA 60-600mm F4.5-6.3 DG OS HSM | Sports is "versatile", focusing on high image quality and mobility, demonstrating superior coverage from a standard focal length to a hyper-telephoto range without switching to another lens. The 150-600mm F5-6.3 DG OS HSM | Sports is composed of many metal parts aiming at a "robust" structure. The lineup of these two Sports line lenses that can meet the most stringent needs of professionals, together with the Contemporary line's "lightweight" 150-600mm F5-6.3 DG OS HSM | Contemporary, which reduces weight and makes the shooting experience even more comfortable and convenient, SIGMA undoubtedly satisfies the diverse shooting styles of photographers.

[Other Features]

- Tele Converters that are designed to match the current lens lineup (optional) can be attached
The addition of SIGMA's TELE CONVERTER TC-1401 or TELE CONVERTER TC-2001 produces an AF
*84-840mm F6.3-9 hyper-telephoto zoom lens or a MF 120-1200mm F9-13 hypertelephoto zoom lens respectively.
*When it is attached to cameras that are compatible with AF at F8, focus accuracy is not ensured on the telephoto side at the focal length scale more than 300mm.
- Tripod socket with high usability
 - With 90° click stops
 - Replaceable lens foot
 - Compatible with Arca Swiss type clamps (with stopper screw)
- CFRP hood
- Equipped with a focus limiter
- Manual Override (MO) capable of switching two full-time manual modes
*By setting it to the MO position, it switches to manual focus by rotating the focus ring even during continuous AF.
Using the optional SIGMA USB DOCK, it is possible to adjust the MO position's sensitivity to switch to manual focus.
- Zoom lock switch can be set to all marked focal lengths.
- Compatible with Canon Lens Aberration Correction
*Function not available on all Canon cameras. Further, available corrections may vary by Canon camera model.
- Nikon electromagnetic diaphragm mechanism included
- Compatible with SIGMA MOUNT CONVERTER MC-11
- Compatible with SIGMA USB DOCK
*Not available for Sony E-mount lens
- Available Mount Conversion Service
- Designed to minimize flare and ghosting
- Evaluation with SIGMA's own MTF measuring system: A1
- 9-blade rounded diaphragm
- High-precision, rugged brass bayonet mount
- "Made in Japan" craftsmanship

[Specifications] All figures calculated for SIGMA

Lens Construction: 25 elements in 19 groups

Angle of view (35mm): 39.6°-4.1°

Number of diaphragm blades: 9 (rounded diaphragm)

Minimum aperture: F22-32

Minimum focusing distance: 60-260cm / 23.6-102.4in.

Maximum magnification ratio: 1:3.3 (200mm)

Filter size: ø105mm

Dimensions (diameter x length): ø120.4mm x 268.9mm/ ø4.7in. x 10.6in.

Weight: 2,700g / 95.2oz.

About Sigma Corporation

Since 1961, Sigma has worked toward its goal of developing photographic technologies that push the envelope, empower photographers, and produce unparalleled imagery. Sigma has honoured this commitment by maintaining control of its design, research and development, and manufacturing processes in its Aizu factory. The family-owned company is the largest independent SLR lens manufacturer in the world, producing more than 45 lenses that are compatible with cameras from most leading manufacturers. The company is headquartered in Japan, with offices strategically located throughout Europe, Asia, and North America. **For more information, visit www.SigmaCanada.ca, on Facebook: [fb.com/SigmaCanada](https://www.facebook.com/SigmaCanada), on Instagram: [@SigmaCanada](https://www.instagram.com/SigmaCanada).**

About Gentec International

Founded in 1990, Gentec International is Canada's leading consumer accessory products company, recognized as one of Canada's Best Managed Companies, supplying a complete range of photo, video, digital, sport optics, home theatre, electronics, wireless, and mobile audio products to the Canadian retail marketplace. Gentec offers a variety of prominent brands, including Optex, Sigma, SanDisk, Manfrotto, Gitzo, National Geographic, Avenger, Roots, Gary Fong, Black Rapid, iQ, Sunpak, Energizer, Bushnell, and Zeiss. Gentec operates out of a high-cube, state-of-the-art, fully computerized 100,000-square-foot warehouse and distribution centre that offers efficient, seamless service to our customers. With over 90 employees, Gentec covers the needs of its retailers coast to coast using the latest technology systems, streamlined efficiencies, and customer service that is second to none.

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