

Sigma APO 150-500mm f/5-6.3 DG OS HSM

Friday, 01 February 2008

Sigma announced the Sigma APO 150-500mm f/5-6.3 DG OS HSM, a high ratio zoom lens housed in a compact construction and incorporating Sigma's own image stabilization system OS (Optical Stabilizer). This lens is expected to become a relatively compact and low cost solution for people who wants a zoom with such a big focal range and have a reach of 500mm, although there is no price information available from Sigma yet.

Sigma 150-500mm also features Hypersonic autofocus motor (HSM) and will be available in Sigma, Canon, Nikon, Pentax and Sony mounts. Three SLD glass elements and a rear focus system claims to provide high image quality through out the zoom range and Super multi-layer coating reduces flare and ghosting. Sigma APO 150-500mm is also compatible with Sigma's APO Tele Converters.

Technical Specifications and Press Release:
Sigma APO 150-500mm f/5-6.3 DG OS HSM

Lens name

APO 150 - 500mm F5 - 6.3 DG OS HSM

Focal length

150 - 500mm

Maximum aperture

f/5 - 6.3

Minimum aperture

f/22

Lens construction

15 groups 21 elements

Angle of view

16.4° - 5°

Closest focus distance

220cm / 86.6in

Maximim reproduction ratio

1:5.2

Aperture blades

9

Filter attachment size

86 mm

Focusing

HSM motor with manual focus override

Dimensions

94.7mm x 252mm (3.7x 9.9 in)

Weight
1910g (67.4 oz)

Supplied accessories
• Case

• Hood (LH927-01)

• Shoulder strap

• Tripod socket (TS-31)

{moschitika sigma lens}

Press Release

The Sigma Corporation is pleased to announce the launch of the new APO 150-500mm F5-6.3 DG OS

HSM.

- Incorporating Sigma's original OS (Optical Stabilizer) function.
- An ultra-telephoto zoom lens covers a telephoto range up to 500mm and allows short perspective.
- Three SLD glass elements and a rear focus system provide optimum image quality throughout the entire zoom range.
- Super multi-layer coating reduces flare and ghosting.
- HSM ensures quiet and high speed autofocus.
- Compatible with Sigma's APO Tele Converters.

This ultra-telephoto zoom lens covers a telephoto range up to 500mm and allows photographers to bring the subject close and short perspective. Sigma's original OS (Optical Stabilizer) function offers the equivalent of using a shutter speed approximately 4 stops faster. It is ideal for sports, wildlife and landscape photography with handheld shooting.

Three SLD (Special Low Dispersion) glass elements provide excellent correction for chromatic aberration. This lens is equipped with a rear focus system that minimizes fluctuation of aberration caused by focusing. The super multi-layer lens coating reduces flare and ghosting. High image quality is assured throughout the entire zoom range. This lens incorporates HSM (Hyper Sonic Motor), which ensures a quiet and high-speed AF as well as full-time manual focusing capability.

The addition of the (optional) 1.4x EX DG APO or 2x EX DG APO Tele Converters produce a 210-700mm F7-9 MF ultra-telephoto zoom lens or a 300-1000mm F10-13 MF ultra-telephoto zoom lens respectively. A removable tripod socket (TS-31) is included as a standard component.

*1 OS function is not available.

*2 If the camera body does not support HSM motor, AF does not work.