

## NEW PRODUCT INFORMATION

### 18-50mm F2.8 EX DC

**EX series, large aperture zoom lens designed specifically for use with digital SLR cameras**



- EX lens series denotes excellence of engineering and new technology.
- Compact and lightweight zoom design despite large F2.8 aperture.
- Excellent correction for various types of aberration provided by one SLD (Special Low Dispersion) glass element and two aspherical lenses.
- Super Multi Layer (SML) coating reduces flare and ghosting from which digital cameras tend to suffer

F2.8 large aperture standard zoom lens designed specially for use with digital SLR cameras.

The characteristics of digital SLR cameras were taken into consideration when designing the lens power layout. The new advanced lens design corrects various aberrations. This lens provides the utmost correction against lateral chromatic aberration which is a serious problem for digital SLR cameras.

This lens is specially coated to get the best color balance whilst cutting down flare and ghost caused by reflections from the digital image sensor and lens. It has excellent correction for vignetting and superior peripheral brightness is ensured.

A Special Low Dispersion (SLD) lens and two aspherical lens elements provide excellent correction for all types of aberrations. The design produces a compact and lightweight, yet robust, construction with an overall length of 84.1mm (3.3in.), maximum diameter of 74.1mm (2.9in.) and weight of 445g (15.6oz).

This lens has a minimum focusing distance of 28cm (11in.). It is equipped with an inner focusing system. The non-rotating front lens element makes the lens suitable for using its petal-type lens hood and circular polarizing filters.

It is an ideal large aperture standard zoom lens for digital SLR cameras featuring APS-C size image sensor.

### **THE SPECIFICATIONS**

Focal Length	:18-50mm
Minimum Aperture	:F22
Lens Construction	:15 Elements in 13 Groups
Angle of View	:69.3°- 27.9°
Number of Diaphragm Blades	:7pcs
Minimum Focusing Distance	:28cm (11")
Maximum Magnification	:1:5
Filter Size	:67mm
Lens Hood	:Petal-type hood
Dimensions	:Diameter 74.1mm (2.9")X Length 84.1mm (3.3")
Weight	:445gr/15.6ounces
Fittings	:Sigma, Canon, Nikon-D, Pentax.
SRP	:£369.99
Availability	:Sigma, Canon, Nikon-D - Early September :Pentax - TBA

- The appearance and specifications of the product are subject to change for improvement without notice.

\* Vignetting will occur if the lens is used with digital cameras with image sensors larger than APS-C size or 35mm SLR cameras.

For further information please contact:

Sigma Imaging (UK) Ltd  
13 Little Mundells  
Welwyn Garden City  
Hertfordshire  
AL7 1EW

Tel 01707 329999

Fax 01707 327822

E-Mail [sales@sigma-imaging-uk.com](mailto:sales@sigma-imaging-uk.com)

Website [www.sigma-imaging-uk.com](http://www.sigma-imaging-uk.com)