



Information

PENTAX

PENTAX Corporation
2-36-9, Maeno-cho, Itabashi-ku
Tokyo 174-8639, Japan
TEL: (81)-3-3960-5151
FAX: (81)-3-3960-5226

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PENTAX Introduces a New Standard Zoom Lens for Digital SLR Cameras

PENTAX Corporation is pleased to announce the marketing of the smc PENTAX-DA Zoom 18mm-55mm F3.5-F5.6 AL. Exclusively designed for use with PENTAX digital SLR cameras, this compact, lightweight standard zoom lens features an image circle matching the camera's large 23.5mm x 15.7mm image sensor. Compared with 35mm-format counterparts offering similar optical performance, it is more portable and more affordably priced. Especially when mounted on the new PENTAX *istDS digital SLR camera, it assures comfortable, well-balanced operations.

Major Features

1. Ideal zoom range for a standard lens

When mounted on the PENTAX *istDS, this new zoom lens offers an angle-of-view coverage equivalent to a 27.5mm-84mm lens in the 35mm format, effectively covering the most frequently used ranges from wide angle to moderate telephoto.

2. Compact dimensions with minimal aberrations

The aspherical optical elements incorporated in this new lens contribute not only to a reduction in size and weight, but also to effective compensation of unwanted aberrations.

3. Functional and fashionable design

The aperture ring has been eliminated from this lens to simplify camera operations and improve its appearance, while aperture-setting operation is performed from the camera body.

4. Quick-Shift Focus System

Once the subject is captured in focus by the camera's autofocus system, this PENTAX-original system allows the photographer to shift the focusing mode instantly to manual without any switching operations.

Specifications

Lens mount: PENTAX K_{AF} mount

Lens construction: 12 elements in 9 groups

Angle of view: 76° - 29°

Aperture control: Automatic

Number of diaphragm blades: 6

Minimum aperture: F22 at 18mm; F38 at 55mm

Metering system: TTL open-aperture metering

Minimum focusing distance: 0.25m (0.82 ft.)

Filter size: 52mm

Maximum magnification: 0.34X

Dimensions (diameter x length): 68mm x 67.5mm (2.7" x 2.7")

Weight: 225g (7.9 oz.)

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