



Information

PENTAX

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September 14, 2006

smc PENTAX-DA 70mm F2.4 Limited

An Interchangeable Medium-Telephoto Lens for PENTAX Digital SLR Cameras, Featuring Ultra-Thin Pancake Design and High-Quality Visual Description

PENTAX Corporation is pleased to announce the introduction of the smc PENTAX-DA 70mm F2.4 Limited lens, designed for exclusive use with its digital SLR cameras and featuring an ultra-thin pancake design and uni-focal, medium-telephoto optics.

With its medium-telephoto perspective, this new lens is ideal for many different applications, including portraiture and landscape. Its high-performance optics not only assures outstanding image quality, but also provides distinctive visual expression. The materials used for this lens have been carefully selected for optimum holding comfort and utmost operability. Thanks to PENTAX's advanced manufacturing technology, this new lens is designed to be extremely thin and lightweight, assuring go-anywhere portability for casual, day—to-day snapshot photography.



Major Features

1. Ultra-thin, super-lightweight design

Thanks to its newly developed, high-performance optics, this new medium-telephoto lens measures only 26 millimeters long and weighs a mere 130 grams. When mounted on a PENTAX digital SLR camera body, it protrudes very little from the camera's front panel and offers a focal length equivalent to 107mm in 35mm format, making it a perfect choice for casual portrait and landscape photography.

2. Limited Lens-series quality

[1] Distinctive visual description:

The PENTAX Limited Lens series is designed for distinctive visual description by combining a series of mechanical and numerical evaluations with human assessment of test-shooting samples. As a result, this lens produces smooth, natural skin tones and beautiful out-of-focus backgrounds at open aperture in portrait applications, while assuring crisp, high-contrast images at closed-down aperture in landscape photography.

[2] Premium appearance:

The lens barrel, hood and cap are all made of a high-grade aluminum material, shaped for perfect proportions and striking beauty. The focusing ring is designed for superb accessibility and maximum ease of focusing operation.

3. SP coating to protect the lens against water and grease

The PENTAX-original Super Protect (SP) coating is applied to the front surface of this lens. Through a vapor deposition process, the lens surface is coated with a special fluorine compound to repel dust, water and grease, making it easy to wipe off fingerprints and cosmetics.

4. Digital SLR-exclusive optical design

This lens is exclusively designed for use with PENTAX digital SLR cameras, with an image circle perfectly proportioned to the CCD size (23.5mm x 15.7mm), and optics optimized for digital imaging characteristics. Combining high-quality image reproduction with an ultra-thin, super-lightweight design, it is a perfect partner to PENTAX digital SLR cameras.

5. Others

- ◆ PENTAX-developed Quick-Shift Focus System for instant switching to manual-focus operation after the subject is captured in focus by the AF system
- ◆ Detachable, extendible lens hood (included) for enhanced portability
- ◆ Nine-blade diaphragm for natural out-of-focus description

Specifications

Lens mount: PENTAX K_{AF} mount

Lens construction: 6 elements in 5 groups

Angle of view: 23° (when used with *istD-series & K100D camera body)

Aperture control: Automatic

Number of diaphragm blades: 9

Minimum aperture: F22

Metering system: TTL open-aperture metering

Minimum focusing distance: 0.7m (2.3 ft.)

Filter size: 49mm

Maximum magnification: 0.12X

Dimensions (diameter x length): 63mm x 26mm (2.5 inches x 1.0 inch)

Weight: 130g (4.6 oz.) without hood; 150g (5.3 oz.) with hood

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