



HD PENTAX-DA 16-85MMF3.5-5.6 ED DC WR

Colour	Art. Code	EAN
Black	21387	0027075276802

ADVANTAGES

- ✓ 5.3X ratio standard zoom (eq to 24-130mm in 35mm)
- ✓ Dependable weather-resistant construction
- ✓ Smooth, quiet autofocus operation driven by a built-in DC motor
- ✓ HD Coating to optimize light transmittance and minimize reflection
- ✓ ED lens elements for brilliant sharpness and saturated colours
- ✓ Round shaped diaphragm to produce beautiful bokeh
- ✓ Super Protect coating of the front lens element for effective protection
- ✓ Fast manual focusing in AF mode with Quick Shift focus system

Focal Length	16-85mm
(in 35mm format equivalent)	24.5-130mm
Maximum Aperture	F3.5-5.6
Minimum Aperture	F22-38
Lens Construction	16elements in 12groups
Angle of View	83-19°
Lens Mount	KAF3
Minimum Focusing Distance	0.35m (1.15 ft.)
Maximum Magnification	0.26x
Filter Diameter	72mm
Diaphragm Control	Fully automatic
Number of Diaphragm Blades	7 Rounded aperture (16mm: F3.5-4.5, 85mm: F5.6-8)
Lens Hood	PH-RBA72
Lens Cap	O-LC72
Lens Case	S90-140
Maximum Diameter x Length	Approx.78mm x 94mm (3.1 inch x 3.7 inch)
Weight	Approx.488g /17.2 oz (with hood) Approx.517g /18.2 oz
Bundle	Hood, Lens cap, Mount cap
Others	HD Coating SP (Super Protect) Coating Quick-shift Focus System

INCLUDED ACCESSORIES

LENS HOOD PH-RBA72 - N.38710
PENTAX LENS CAP O-LC72 - N.31520
LENS MOUNT CAP K - N.31006

OPTIONAL ACCESSORIES



PENTAX LENS PEN - N.50166

LENS SOFT CASE S90-140 - N. 37726



HD PENTAX-DA

16-85MMF3.5-5.6 ED DC WR

A high-performance, interchangeable zoom lens for use with PENTAX K-mount digital SLR cameras, providing wide zoom coverage from ultra-wide-angle to telephoto

Designed for use with PENTAX K-mount digital SLR cameras, this interchangeable zoom lens provides a high zoom ratio of approximately 5.3 times to cover focal lengths from 16mm ultra-wide-angle to 85mm telephoto (for focal lengths equivalent to 24.5mm to 130mm in the 35mm format).

Developed in response to enthusiastic requests from advanced photographers, this interchangeable zoom lens not only provides the high 5.3-times zoom ratio, but it also features: the PENTAX-exclusive HD coating to deliver sharp, clear images even under demanding lighting conditions such as backlight; an ED (Extra-low Dispersion) optical element to effectively compensate for chromatic aberrations; and aspherical optical elements to minimize color bleeding. Its weather-resistant body makes it extremely dependable and durable under demanding outdoor conditions.

Main Features

Versatile, 5.3-times zoom lens covering ultra-wide angles

This zoom lens offers a zoom ratio of approximately 5.3 times to cover the ultra-wide-angle to telephoto ranges (for focal lengths equivalent to 24.5mm to 130mm in the 35mm format). In addition to the most commonly used focal lengths, it provides ultra-wide-angle coverage to produce distinctive, creative visual expressions, such as an exaggerated perspective or an extra-wide depth of field. The versatile zoom lens comes in handy for a wide variety of scenes and subjects, including sweeping landscapes and cramped rooms.

Exceptional imaging power to optimize the performance of super-high-resolution cameras

Consisting of 16 optical elements in 12 groups, the lens features one ED (Extra-low Dispersion) element and three high-grade aspherical elements to minimize spherical and chromatic aberrations and suppress color bleeding. In order to accommodate a super-high-pixel image sensor installed in an SLR camera body, its MTF (Modulation Transfer Function) curve is programmed to be higher than those of conventional models in the same class to deliver high-resolution, fine-detailed images.

HD Coating to improve image description

This lens is treated with the high-grade, multi-layer HD Coating.* Compared with conventional multi-layer coatings, this PENTAX-original coating assures higher light transmittance and less reflection to deliver bright, high-contrast images free of flare and ghost images, even under demanding lighting conditions such as backlight.

* HD stands for High Definition.

Quick-Shift Focus system

The lens is equipped with the PENTAX-developed Quick-Shift Focus system, which allows the user to instantly switch to manual-focus operation after the subject is captured in focus by the camera's AF system.

Weather-resistant construction

The lens features a dependable weather-resistant construction with eight special seals to effectively prevent the intrusion of water into the lens interior. By pairing it with a weather-resistant digital SLR camera body, it assures a durable, reliable digital imaging system that performs superbly in demanding shooting settings — even in rain or mist, or in locations prone to water splashes or spray.

Other features

- SP (Super Protect) Coating applied to the front surface of the lens to effectively repel water and grease
- Rounded diaphragm to produce a smooth, beautiful bokeh (defocus) effect, while minimizing the streaking effect of point light sources
- Smooth, quiet autofocus operation, driven by the built-in DC motor