



## A compact, lightweight standard zoom lens for use with PENTAX K-mount digital SLR cameras

- 35mm Full-frame image sensor compatible
- HD coating to optimize light transmittance and minimize reflection
- Weather Resistant construction against humidity and dust
- Quick-shift Focus System to instantly change the AF mode to MF by twisting the focus ring
- SP (Super Protect) Coating applied to the front surface of the lens to effectively repel water and grease
- DC Motor to assure smooth, quiet and high-speed autofocus operation
- High-precision aspherical optical elements, ED (Extra-low Dispersion) glass optical element and Anomalous-dispersion glass optical element, to deliver bright, sharp images with minimal chromatic and spherical aberrations
- Rounded aperture to offer beautiful Bokeh effect
- Compact, lightweight body

<b>Focal Length</b>	28-105mm
<b>(in 35mm format equivalent)</b>	43-161mm
<b>Maximum Aperture</b>	3.5-5.6
<b>Minimum Aperture</b>	22-38
<b>Lens Construction</b>	15 elements in 11 groups
<b>Angle of View</b>	53° - 15.5° (when attached to PENTAX digital SLR cameras) 75° - 23.5° (when attached to PENTAX 35mm SLR cameras)
<b>Mount</b>	K <sub>AF3</sub>
<b>Minimum Focusing Distance</b>	0.5m
<b>Maximum Magnification</b>	0.22x
<b>Filter Diameter</b>	62mm
<b>Diaphragm Control</b>	Fully automatic
<b>Number of Diaphragm Blades</b>	9 Rounded aperture (28mm: F/3.5~F/6.3; 105mm: F/5.6~F/10;)
<b>Maximum Diameter x Length</b>	Approx. 73mm x 86.5mm
<b>Weight</b>	Approx. 440g (with hood approx. 463g)
<b>Kit Content</b>	Lens Hood, Lens Cap, Lens Mount Cap K

## HD PENTAX-D FA 28-105MM F3.5~5.6 ED DC WR

	Art. Code	EAN
HD PENTAX-D FA 28-105MM F3.5~5.6 ED DC WR	21297	027075294592

## INCLUDED ACCESSORIES

LENS HOOD PH-RBC62 - 38769  
LENS CAP O-LC62 - 31608  
LENS MOUNT CAP K - 31006

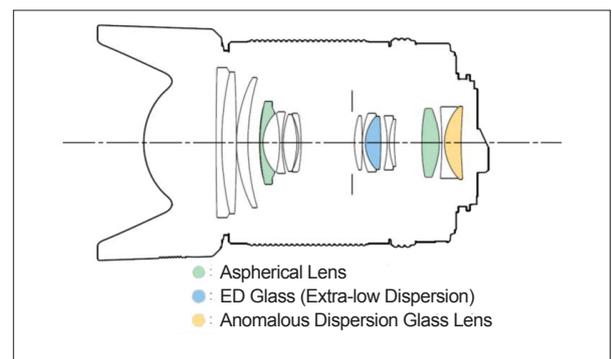
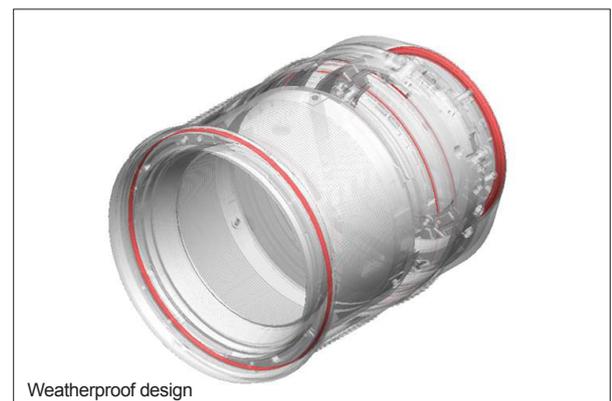
## OPTIONAL ACCESSORIES



PENTAX LENS PEN - 50166



LENS SOFT CASE S80-120 - 33924





# HD PENTAX-D FA

## 28-105MM F3.5~5.6 ED DC WR

RICOH IMAGING COMPANY, LTD. is pleased to announce the launch of the HD PENTAX-D FA 28-105mm F3.5-5.6ED DC WR. This new compact, lightweight standard zoom lens provides a focal-length range from wide angle to medium telephoto.

Despite its compact, highly maneuverable body, this versatile zoom lens is designed to accommodate the image circle of a large 35mm full-frame image sensor, thanks to the adoption of state-of-the-art optics and high-performance optical elements. When mounted on the PENTAX K-1 camera body, it delivers high-resolution imaging power, making it an ideal everyday-use lens for this new 35mm full-frame digital SLR camera.

## Main Features

### Excellent image description, complementing the full-frame digital SLR camera performance

In its 15-element, 11-group optics, this zoom lens incorporates two high-precision aspherical optical elements, one ED (Extra-low Dispersion) glass optical element and one anomalous-dispersion glass optical element, to deliver bright, sharp images with minimal chromatic and spherical aberrations. Since its optics is designed to assure ample resolving power for the large, high-pixel image sensor, it produces well-defined, fine-detailed images.

### Standard zoom lens covering most frequently used ranges

This standard zoom lens accommodates the image circle of a 35mm full-frame image sensor, and covers focal lengths between 28mm wide angle and 105mm medium telephoto. By incorporating the latest optics and a number of high-performance optical elements, it retains a sufficient brightness level even at edges of the image field, while effectively compensating for various aberrations. It delivers high-resolution images by optimizing the imaging power of the PENTAX K-1's approximately 36.4 effective megapixels. Its compact, lightweight body and excellent cost performance make this lens a perfect regular lens for the PENTAX K-1.

### Weather-resistant construction

This lens features a dependable weather-resistant construction with eight sealing parts to effectively prevent the intrusion of water into the lens interior. Paired with a weather-resistant PENTAX digital SLR camera body, it creates a durable, dependable digital imaging system that performs superbly in demanding shooting settings — even in rain or mist, or in locations prone to water splashing or spray.

### 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 that are free of flare and ghost images, even under demanding lighting conditions such as backlight.

\* HD stands for High Definition.

### Quick-Shift Focus System

This PENTAX-developed system allows for flawless, delay-free switching from autofocus to manual-focus operation, after the subject is captured in focus by the camera's AF system.

### 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.
- Built-in DC motor to assure smooth, quiet, high-speed autofocus operation.