

OVERVIEW OF WEATHER AND WATER RESISTANT PENTAX RICOH IMAGING CAMERAS AND LENSES

A growing list of PENTAX photographic products including DSLR cameras, compact digital cameras and certain interchangeable lenses have been specifically engineered to include a



high level of protection against dust, moisture, rain and cold temperatures. Water-tight access covers, gaskets and a generous number of seals in the construction of the camera and lens body have expanded how and where these products can be used.

The current selection of DSLRs from PENTAX offer a weather, dust and coldproof design to ensure reliable and consistent performance both in inclement weather and in those demanding environmental conditions which would challenge any camera.



From the inside-out, PENTAX DSLRs are engineered to be both tough and dependable. Photographers from around the world report the ability to continue to shoot stunning images while enduring the harshest elements nature has to offer, including rain, sleet, and snow.

As hardy as the photographers who use them, PENTAX weather-resistant DSLRs have acquired a well-earned reputation for reliability due to their robust construction and extensive use of special protective seals in the camera bodies.

PENTAX DSLR seals are a story in themselves. Designed to be both lightweight and durable, PENTAX takes great care with engineering and choice of materials. The access doors and ports on the camera body are manufactured from a flexible, tough rubber, and the seams and joints on the body are protected with seals made from high-density foam rubber. The seal system tolerates temperature changes while still providing effective water-resistant barriers.



To match these exceptionally well-protected cameras, PENTAX has created a series of lenses designed to deliver dependable, high-quality results in all types of adverse weather or environmental conditions. Grouped into two categories according to the type of weather-resistant construction, both groups of lenses feature a level of protection from weather not found in ordinary lenses.

First are the PENTAX DA* (DA Star) lenses. Recognized for their outstanding image quality and advanced features, PENTAX DA* lenses handle harsh weather with ease. Because each part of a DA* lens that might contact the environment is tightly sealed, it is ideal for use in dusty or rainy conditions. PENTAX DA* lenses are categorized both dustproof and water-resistant.

The next category of “all weather” PENTAX lenses is designated “WR”. These affordable lenses utilize a simplified weather-resistant construction (similar to the sealing technology used in DA* lenses) which makes it difficult for water to enter the lens.

PENTAX WR lenses are categorized weather-resistant.



In addition, PENTAX RICOH IMAGING COMPANY offers the latest generation of waterproof, dustproof, shockproof and coldproof compact digital cameras. These cameras combine outstanding optical performance and the latest technology in rugged, durable, colorful bodies.

Conforming to JIS Grade 8 for water-resistance (capable of sustained submersion) and JIS Grade 6 for dust-resistance (dust-tight, no ingress of dust), the latest PENTAX RICOH IMAGING COMPANY’S compact waterproof cameras consistently rank among the best in their class for toughness, features, performance and overall design.

Note: PENTAX DSLRs and lenses which are designated as dust, water or weather-resistant are not graded using JIS classifications.

Note: The Japanese Industrial Standard (JIS) Codes are a set of tests used to verify the protection of electrical equipment against the ingress of water and/or dust. The different levels of protection are expressed as different grades (or classes).

