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› PENTAX WG-8 Green All-Weather Adventure Camera User Manual

Pentax WG-8

PENTAX WG-8 Green All-Weather Adventure Camera User Manual

Model: WG-8

INTRODUCTION

The PENTAX WG-8 is engineered for robust performance in challenging environments. This camera is designed to be waterproof to a depth of 65.6 feet (20 meters), shockproof against falls from heights of 6.8 feet (2.1 meters), and operational in temperatures as low as 14°F (-10°C). It captures high-resolution still images of approximately 20 effective megapixels and high-quality 4K-resolution movie clips. Key features include a multi-application ring light for macro photography and webcam capability for live-streaming.



Image: Front view of the PENTAX WG-8 Green All-Weather Adventure Camera, showcasing its rugged design and lens.

SETUP

1. Battery Installation

The PENTAX WG-8 uses one Lithium Ion battery (included). To install the battery:

1. Locate the battery compartment cover on the side or bottom of the camera.
2. Slide the lock latch to open the cover. Ensure the cover is fully open.
3. Insert the battery with the correct orientation, matching the polarity indicators inside the compartment.
4. Gently close the battery compartment cover until it clicks securely into place. Ensure the latch is locked to maintain waterproof integrity.

2. Memory Card Installation

The camera supports SD, SDHC, and SDXC memory cards. To install a memory card:

1. Open the same compartment cover used for the battery.
2. Insert the memory card into the designated slot until it clicks. Ensure the card is inserted in the correct direction.
3. Close the compartment cover securely.

3. Initial Power On and Settings

After installing the battery and memory card:

1. Press the power button to turn on the camera.
2. Follow the on-screen prompts to set the date, time, and language. This is crucial for proper photo organization and GPS data logging.

OPERATING THE CAMERA

Basic Photography

To take a photo, simply point the camera at your subject and press the shutter button. The camera's automatic modes will adjust settings for optimal exposure.



Image: User holding the PENTAX WG-8, demonstrating typical usage for capturing outdoor scenes.

Durability Features

- **Waterproof:** The WG-8 is waterproof to a depth of 20 meters (65.6 feet) for up to two hours of continuous operation. Ensure all covers are securely closed before submerging.

- **Shockproof:** Designed to withstand drops from up to 2.1 meters (6.8 feet).
- **Cold-resistant:** Operates reliably in temperatures down to -10°C (14°F).
- **Dustproof:** Features an IP6X dustproof rating, protecting against dust ingress.



Image: The PENTAX WG-8 in black and green, highlighting its robust features for various environments.

PENTAX
WG-8

1cm Macro mode lets you close in on the subject to just one centimeter



Image has been taken by PENTAX WG-8

Image: An example of underwater photography taken with the PENTAX WG-8, showing a clownfish in its natural habitat.

4K Movie Recording

The WG-8 supports 4K-resolution movie recording at 30 frames per second, allowing for high-quality video capture of your adventures.

Multi-Application Ring Light for Macro Photography

The camera features a high-power, variable-brightness, six-bulb LED Ring Light around the lens, ideal for close-up macro photography. This light ensures even illumination of small subjects.

Silicone case is “optional”



Image: The PENTAX WG-8 with its built-in ring light activated, providing illumination for close-up shots.

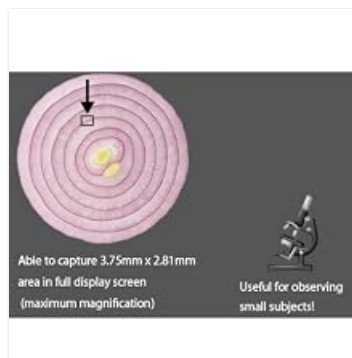


Image: Demonstration of the LED ring light's variable illumination patterns on a cactus, highlighting its utility for macro photography.

Webcam Function

Connect the WG-8 to a computer via USB to use it as a high-quality, high-resolution webcam for live-streaming or video conferencing.



Image: The PENTAX WG-8 set up as a webcam, connected to a device via USB.

LCD Monitor and Outdoor View Setting

The camera features a 3.0-inch, wide-frame LCD monitor. The Outdoor View Setting adjusts screen brightness automatically to optimize visibility in varying ambient light conditions, from bright sunlight to low light.



Image: The LCD screen demonstrating the effect of the Outdoor View Setting, enhancing visibility in bright outdoor light.

Digital Microscope Mode

This mode allows for impressive macro photographs, capturing details not visible to the naked eye. It can capture an area as small as 3.75mm x 2.81mm at maximum magnification.

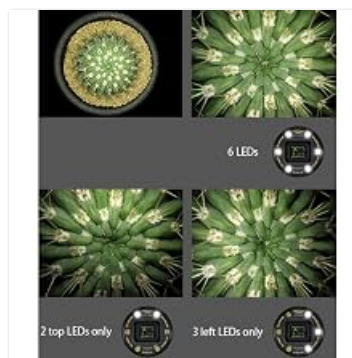


Image: A detailed macro shot of an onion slice, illustrating the capabilities of the Digital Microscope mode.



Image: A visual representation of the small area that can be captured with high magnification in Digital Microscope mode.

GPS Functions and Digital Compass

The WG-8 includes advanced GPS functions and a built-in digital compass, allowing you to record location data with your photos and navigate.



Image: The camera's display showing detailed GPS and compass information.

MAINTENANCE

Cleaning the Camera

- After use in water, especially saltwater, rinse the camera thoroughly with fresh water. Do not open any compartments until the camera is dry.
- Wipe the camera body with a soft, clean cloth.
- Use a lens brush or air blower to remove dust from the lens. For smudges, use a specialized lens cleaning cloth.

Battery Care

- Charge the battery fully before each use.
- If storing the camera for an extended period, remove the battery.
- Avoid exposing the battery to extreme temperatures.

Storage

Store the camera in a cool, dry place away from direct sunlight and high humidity. Ensure all compartment covers are securely closed.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera does not power on.	Battery may be depleted or incorrectly inserted. Ensure battery is charged and properly seated. Check if battery compartment cover is fully closed.

Problem	Possible Cause / Solution
Images are blurry.	Lens may be dirty. Clean the lens with a soft cloth. Ensure proper focus. Check lighting conditions.
Cannot record video.	Memory card may be full or too slow for 4K recording. Use a high-speed memory card. Delete unnecessary files.
Water inside camera.	Ensure all compartment covers (battery/memory card, USB port) are securely closed and latched before water exposure. Inspect seals for damage. If water ingress occurs, immediately power off the camera, remove battery and memory card, and allow to dry completely. Contact customer support if issues persist.
GPS data not accurate.	Ensure camera has a clear view of the sky. GPS signal can be weak indoors or in dense urban/forested areas. Allow time for the camera to acquire satellite signals.

SPECIFICATIONS

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WG-8

Waterproof to a depth of 20 meters and for up to two hours of continuous underwater operation



Image has been taken by PENTAX WG-8

Image: Key specifications at a glance.

Feature	Detail
Product Dimensions	1.3 x 4.7 x 2.6 inches
Item Weight	8.5 ounces
Model Number	01502
Batteries	1 Lithium Ion batteries (included)
Manufacturer	Ricoh Imaging
Compatible Mountings	Pentax K
Photo Sensor Technology	CMOS
Supported File Format	JPEG
Image Stabilization	Digital
Optical Zoom	5x
Metering Description	Evaluative

Feature	Detail
Maximum Webcam Image Resolution	20 MP
Photo Sensor Size	1/2.3-inch

WARRANTY AND SUPPORT

The PENTAX WG-8 camera comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Ricoh Imaging website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Ricoh Imaging customer support.

What's in the Box: Camera Body & Accessories

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