# Ricoh WG-80 1/2.3" Compact camera 16 MP CMOS 4608 x 3456 pixels Black, Orange

Model: 03127

Manufacturer: RICOH

EAN: 027075304420

Product Code: 1661611

## R6,734

## RICOH WG-80

Uncompromising water, shock, dust, and freeze protection.

With features that include uncompromising waterproofing—good for two hours of continuous use at a depth of 14 meters—freeze proofing* that ensures operation at temperatures of −10 °C, shock proofing capable of withstanding drops of 1.6 meters, and crush proofing capable of withstanding forces of 100 kgf, this rugged camera can be used in all conditions.

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**Outdoor camera rugged and waterproof. A rugged chassis you can rely on in the harshest conditions. Exceptional 14 meter waterproof (up to 2 hours) and 1.6 meter shockproof.**

**Outdoor camera rugged and waterproof.**

Outdoor camera rugged and waterproof. This rugged and waterproof outdoor camera offers uncompromising waterproofing for up to two hours at a 14-meter depth, freeze proofing at -10 °C, shock proofing for drops of 1.6 meters, and crush proofing against forces of 100 kgf, enabling versatile usage in any conditions.

**A rugged chassis ready for the outdoors.**

The WG-80 outdoor camera is not only rugged and waterproof, but it is also designed for every imaginable outdoor environment. Moreover, it enhances the overall experience with remarkable features. For instance, it offers an Underwater mode specifically tailored for underwater photography. Additionally, it includes an Outdoor View setting that intelligently adjusts the monitor brightness based on ambient lighting conditions.

## Sharp, high-resolution images with 5X optical zoom starting from wide-angle of 28mm

With the WG-80 outdoor camera, you can truly appreciate the exceptional high-definition image quality it provides.

With approximately 16 effective megapixels and a 5× optical zoom lens starting from a wide-angle of 28 mm. It offers impressive image quality and versatile zoom capabilities.

Additionally, its advanced image processing incorporates cutting-edge "ultra-high resolution" technology.

**Macro lighting via the Ring Light with a brightness that can be adjusted in five levels.**

Moreover with the rugged and waterproof WG-80 outdoor camera. You now have the ability to adjust the brightness of the Ring Light while engaging in macro shooting. Consequently, this feature enables you to create a captivating three-dimensional effect and effectively emphasize the contrast with the background. As a result, it significantly expands the range of shooting expressions available to you.

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## Worksite-ready

This rugged and waterproof outdoor camera has two key features. First, it is equipped with a chassis featuring uncompromising water-, dust-, cold-, and shock-resistance. Second, it is specially designed for construction worksites.

In addition to its durability, the WG-80 showcases six LED lamps thoughtfully arranged around the lens. These LED lamps serve the purpose of providing optimal lighting specifically for macro photography.

**This outdoor camera features a rugged chassis that you can rely on, even in the harshest conditions. Notably, it offers exceptional waterproof capabilities, allowing it to withstand depths of up to 14 meters for up to 2 hours. Moreover, it boasts a remarkable shockproof rating of 1.6 meters.**

**Outdoor camera rugged and waterproof.**
With features that include uncompromising waterproofing—good for two hours of continuous use at a depth of 14 meters—freeze proofing* that ensures operation at temperatures of −10 °C, shock proofing capable of withstanding drops of 1.6 meters, and crush proofing capable of withstanding forces of 100 kgf, this rugged camera can be used in all conditions.

**High resolution— with all the must-have features**

## Sharp, high-resolution images with 5X optical zoom starting from wide-angle of 28mm

With its rugged and waterproof design, this outdoor camera combines a high-performance image processing engine and a back-illuminated CMOS sensor. These advanced features work in harmony to provide outstanding image quality. Boasting an impressive 16 effective megapixels, the WG-80 excels at capturing stunning details. Furthermore, it excels at producing low-noise photos with a wide dynamic range that retain their beauty even when printed.

**Macro lighting via the Ring Light with a brightness that can be adjusted in five levels.**
With the rugged and waterproof WG-80 outdoor camera, you now have the added benefit of utilizing the Ring Light with adjustable brightness. Further, by activating the six LED lights with adjustable

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brightness during macro shooting, you can effortlessly create a captivating three-dimensional effect or accentuate the contrast with the background. Moreover, this expands the range of shooting expressions available to you. Notably, the maximum brightness of the Ring Light is now approximately twice as bright as the previous model.

## Expand your creative horizons with Image Tone. Outdoor camera rugged and waterproof

You can now customize pictures according to your subject or personal taste using the WG-80 outdoor camera, thanks to its array of six image tone options. These options include the new Cross Process feature, which imparts unique coloring reminiscent of cross-processing film development techniques. Additionally, you can choose the Vibrant option for rich, bright, and vivid colors, or opt for the Slide Film setting to achieve dynamic, high-contrast images similar to those produced by reversal film.

## Shoot Movies in Full HD - HDMI

While the outdoor camera is capable of recording Full HD (16:9) video at 30 fps, it goes beyond the conventional by offering additional modes for enhanced video capabilities. Specifically, it includes a High Speed Movie mode designed for capturing captivating slow-motion videos. Additionally, there is an Underwater Movie mode specifically tailored for recording videos in underwater environments.

Both the Movie and Underwater Movie modes feature Movie SR (shake reduction) technology, which effectively mitigates the impact of camera shake when filming outdoors. Furthermore, the outdoor camera provides movie editing features that allow you to effortlessly split videos or extract movie stills from selected frames.

Moreover, the outdoor camera is equipped with an HDMI connector (Type D), enabling you to easily display your movies on TVs and other compatible devices.

## Outdoor View Setting

The outdoor camera's LCD monitor offers convenient adjustability to suit different ambient lighting conditions. Firstly, this adaptability ensures optimal viewing comfort and enhances the overall shooting experience. Moreover, it provides a practical solution for challenging lighting situations. In

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addition, when facing bright sunlight, the monitor brightness can be increased by up to two steps, effectively improving visibility in darker areas of the display. Secondly, for night photography, the brightness can be lowered by up to two steps, reducing glare and providing an optimized viewing experience. Furthermore, this versatile feature adds to the camera's usability and flexibility in various lighting environments.

**Modes to suit various scene**

Choose from 25 Shooting Modes

The outdoor camera offers a diverse range of settings to cater to different shooting needs. Additionally, the Auto Picture mode intelligently identifies the subject type and selects the appropriate shooting mode. Moreover, specialized modes such as Landscape, Surf and Snow, and Sports enhance the camera's versatility. These modes enable capturing vivid shots of nature, scenes with bright beaches or snowy landscapes, and fast-moving subjects, respectively. Consequently, optimal results are achieved in various scenarios with these shooting modes.

## Underwater Mode

Developed specifically with underwater photography in mind, the WG-80 features an impressive Underwater mode. Firstly, this mode serves a crucial purpose by reducing the common blue color cast that often affects underwater pictures. Moreover, it intelligently adjusts the contrast to compensate for the diffuse underwater lighting conditions. In addition, the Underwater mode ensures that your underwater photographs have enhanced color accuracy and improved contrast, making them truly captivating.

## Flash Off/Flash On

The outdoor camera provides a convenient feature for capturing your desired shots with the Flash Off/Flash On mode. Firstly, in this mode, whenever you press the shutter button, the camera takes two pictures simultaneously—one with the flash turned off and the other with the flash turned on. Moreover, this functionality allows you to focus on composing your shot without the need to adjust the flash settings. In addition, you can seamlessly concentrate on achieving the perfect composition without any interruptions or distractions.

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**Take amazing macro photographs with the improved Digital Microscope mode.**

Take your macro photography to the next level with the improved Digital Microscope mode, allowing you to capture stunning close-up shots with exceptional detail.

Enhanced by the illumination provided by six LED lamps strategically positioned around the lens, the Digital Microscope mode fully supports super macro photography. By default, the WG-80 offers an astonishing zoom capability of up to 6.6× at an image size of 2M, resulting in breathtaking results that closely resemble images captured with a microscope.

Moreover, the WG-80 introduces new image size options, extending up to 12M*. These expanded options further enhance the potential of the Digital Microscope mode, enabling you to produce images that can be printed at larger sizes or easily cropped during post-processing.

Furthermore, even during regular macro photography, the LED lamps automatically illuminate the subject, ensuring optimal lighting conditions. This feature is particularly advantageous as it allows you to shoot from an incredibly close distance of just 1 cm (0.03ft), granting you the ability to capture subjects in unprecedented proximity—an opportunity not easily replicated by SLR or smartphone cameras.

## Automatically Capture Smiling Faces with Smile Capture!

The outdoor camera features an intelligent function that enhances portrait photography. It utilizes advanced detection technology to identify portrait subjects and automatically triggers the shutter when it detects a smiling expression on the subject's face.

Furthermore, the camera incorporates a remarkable capability to detect instances when the subject blinks. In such cases, it promptly displays a message on the screen, alerting the photographer with the message, "Closed eyes have been detected."

## Self-Portrait Assist

When the camera detects the face of a portrait subject, a convenient feature is triggered: the macro LEDs positioned around the lens will illuminate, providing a visual indicator of your subject's position within the frame. This ensures precise composition and helps you capture the perfect shot.

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Moreover, the Smile Capture feature can be easily activated even during selfie photography. This intelligent function detects smiles and enables the camera to automatically capture the moment when your subject smiles, resulting in delightful and spontaneous self-portraits.

## Shrink Faces with the Small Face Filter!

Firstly, after capturing your photos, you have the option to further enhance them by retouching. One specific adjustment you can make is to reduce the size of faces relative to the rest of the composition. This post-shooting retouching process allows you to achieve a more balanced and proportional appearance in your images. Secondly, you can decrease the size of faces by approximately 5, 7, or 10 percent, depending on your desired outcome.

## Compress Time with Interval Movie!

Unlock your creativity with the outdoor camera's ability to transform still images into captivating time-lapse movies. Firstly, this feature allows you to automatically capture a series of still images at pre-set intervals. Secondly, it seamlessly merges these images into a dynamic and engaging time-lapse video. By doing so, you can enhance the visual appeal of your photography and create mesmerizing visual narratives. This innovative feature not only empowers you to capture stunning moments but also offers a unique way to showcase the passage of time through your lens.

You have the flexibility to select interval settings based on your preferences, ranging from 1, 5, 10, 30, or 60 minutes. This allows you to control the pace and desired effect of your time-lapse creation, tailoring it to your specific vision.

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