

RICOH
imagine. change.

RICOH WG-60



Uncompromising water, shock, dust,
and freeze protection.

WG-60

The all-weather adventure camera.

Ready for the harshest conditions, from beneath the waves to the tops of the wintry mountains.

WG-60

Waterproof
14m

Shockproof
1.6m

Freezeproof
-10°C

Crushproof
100kgf



A rugged chassis you can rely on in the harshest conditions. Exceptional 14 m water proofing and 1.6 m shock proofing.

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 m/5.2 ft. onto a 5 cm/2 in. thick surface using MIL-Standard 810F Method 516.5—Shock adapted to in-house standards • Crush proofing: Tested according to RICOH standards *Battery capacity drops with ambient temperature, reducing the number of pictures that can be taken on a single charge.

• Water proofing: IPX8, JIS Class 8 • Dust proofing: IP6X, JIS Class 6 • Shock proofing: Able to withstand drops of 1.6 m/5.2 ft. onto a 5 cm/2 in. thick surface using MIL-Standard 810F Method 516.5—Shock adapted to in-house standards • Crush proofing: Tested according to RICOH standards *Battery capacity drops with ambient temperature, reducing the number of pictures that can be taken on a single charge.

A host of features for photos you'll want to share on social media.

Use third-party FlashAir* wireless-enabled SD memory cards to instantly transfer images to your smartphone or other devices on the spot. The design lets you save power by turning wireless LAN on or off via camera controls. *Toshiba FlashAir™ SDHC/SDXC memory cards (available separately)

Smile Capture

Automatically take pictures when your subject smiles!



Digital Filter

Get creative with digital filters!



Retro

And loads of other features, including Blink Detection, a Small Face Filter, and Self-portrait Assist.

5× Optical Zoom, Starting at 28 mm* Sharp, High-Resolution Pictures

With a high-performance image processing engine and a back-illuminated CMOS sensor boasting high optical efficiency and an effective 16 megapixel, the WG-60 takes low-noise photos with a wide dynamic range that look beautiful even as prints.

* equivalent to 35mm format



Landscape mode

Shoot Movies in Full HD



Shoot spectacular Full HD footage (30 fps). The camera features a Type D HDMI® connector for hassle-free connection to your TV.

Image Tone Modes Popularized by PENTAX DSLR Cameras

Tweaking the look of your images to suit the subject is as simple as selecting a shooting mode. Options include "Vibrant", which combines balance and depth with a bright, vibrant tone, and "Slide Film", which offers the contrast and high dynamic range characteristic of slide film.



Vibrant mode

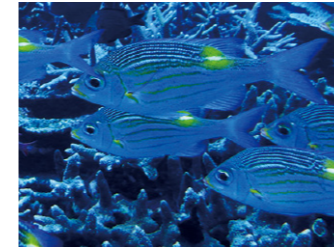


Slide Film mode

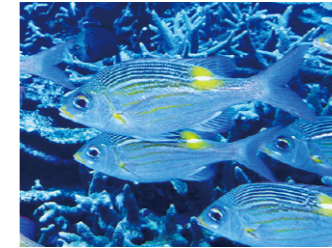
Flash Off/Flash On

In this mode, the camera takes two pictures each time the shutter button is pressed, one with the flash off and the other with it on, letting you concentrate on composition without fiddling with the controls.

* Available in Underwater mode.



Flash Off



Flash

Underwater Mode

This mode uses white balance optimized for underwater photos, making colors appear more natural by adding reds that tend to get lost in photos taken under water.



Underwater mode



Program mode

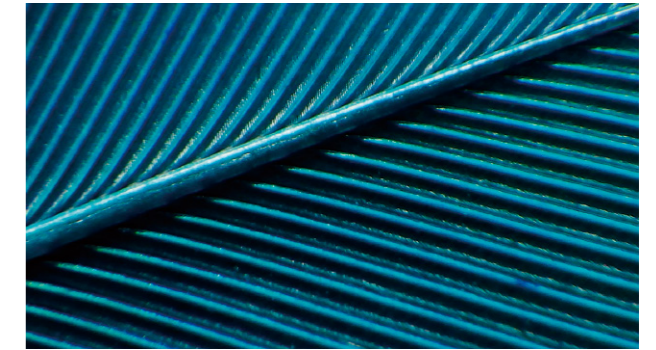
User-Friendly Digital Microscope mode

Take spectacular macro photos of details which is too small to be seen by the naked eye. Lighting is provided by six LEDs placed around the lens, ensuring that the camera never casts shadows on your subject.

*Number of recorded pixels is limited to 2M (16 : 9).



Camera comes with handy macro stand

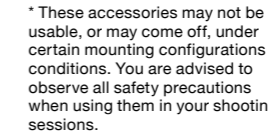
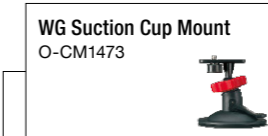
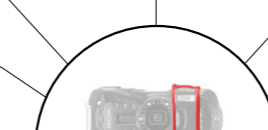
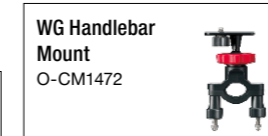


Capture an area 2.44 mm × 4.33 mm full frame (maximum magnification)

Fully Featured for Fun Photography

- 25 scene modes
- 5 "Image Tone" options
- Self-Portrait Assist
- Face detection autofocus and auto exposure for up to 32 subjects
- Auto Tracking AF
- AF assist lamp
- Pixel Track SR
- Digital SR
- Movie shake reduction (movie SR) using electronic vibration control
- Continuous shooting
- Burst shooting
- Auto bracketing
- D-Range (dynamic range) options
- Smile Capture
- Blink detection
- Pet detection
- HDR mode
- Small Face filter
- Ink Rubbing filter
- Digital filter
- Interval Shot
- Interval Movie
- Quick movie editing
- Support for remote control (remote control available separately)
- FlashAir compatible

Accessories



A protector jacket that protects the camera from scratches
O-CC1252



A casually styled, padded camera case
O-CC135



Camera Case
O-CC118



Floating Wrist Strap
O-ST1352



Sports strap
O-ST81



Waterproof Remote Control
O-RC1



Rechargeable Lithium-Ion Battery
D-LI92



Battery Charger Kit:K-BC92
This kit consists of Battery charger and AC plug cord.

* These accessories may not be usable, or may come off, under certain mounting configurations or conditions. You are advised to observe all safety precautions when using them in your shooting sessions.

The all-weather adventure camera.

WG-60



Red



Black

Specifications

Lens	RICOH lens, 11 elements in 9 groups (5 aspherical elements) 5 - 25 mm (approx. 28 - 140 mm in 35mm equivalent), F3.5 (W) - F5.5 (T) 5× optical zoom, approx. 7.2× digital zoom, maximum approx. 36× at 640 intelligent zoom
Motion Blur Reduction	Still Pixel Track SR Hi-sensitivity anti-shake mode (Digital SR) Movie Movie shake reduction mode (Movie SR)
Focus	AF Type 9-point AF, Spot AF, Auto tracking AF Focus range (from lens face) Standard: 0.5m - infinity (entire zoom range) Macro: 0.1 - 0.6m (entire zoom range) 1cm Macro: 0.01 - 0.3m (middle zoom position) Infinity-landscape, Pan Focus, Manual Focus: available
Face Detection	Face Detection AF&AE is available for all modes up to 32 faces. Smile Capture, Self-portrait Assist, Self-portrait Assist + Smile Capture, Blink Detection
Number of Effective Pixels	Approx. 16 megapixels
Image Sensor	1/2.3 inch CMOS
Number of Recorded Pixels	Still 16M, 12M(1:1), 12M(16:9), 7M, 5M(16:9), 5M, 4M(16:9), 3M, 2M(16:9), 1024, 640 Movie 1920, 1280

Sensitivity (Standard Output Sensitivity)	Auto, Manual (ISO 125 - 6400)
White Balance	Auto, Daylight, Shade, Tungsten light, Fluorescent light (D:Daylight Color, N:Daylight White, W:White Light), Manual
Display	2.7" Wide LCD, approx. 230K dots, AR Coating(Cover only)
Shooting/Playback Modes	Shooting Modes: 25, Playback Modes: 15
Shutter Speed	1/4000 - 1/4sec.(Mechanical and electronic shutter) , 4sec at most. (Night Scene mode setting)
Storage Media	Built-in Memory (approx. 68MB), SD/SDHC/SDXC Memory Card, FlashAir Card
Power Source	Rechargeable D-LI92 lithium-ion battery Battery Life Still: Approx. 300 shots (using the rechargeable lithium-ion battery)*1 Playback: Approx. 260 min. (using the rechargeable lithium-ion battery)*2
Waterproof/Dustproof Rating	Equivalent to JIS Class 8 waterproof and JIS Class 6 dustproof capabilities.
Interfaces	USB2.0(Micro-B), HDMI output terminal(Type D)
Dimensions	Approx. 122.5(W) × 61.5(H) × 29.5(D)mm
Weight	Approx. 193g (loaded and ready)
Accessories	Rechargeable lithium-ion battery D-LI92, Power Adapter, USB cable, Strap, Macro Stand

Still image and movie recording capacity (approximate data) of RICOH WG-60

Still image	[Number of images]										[Hours: Minutes: Seconds]			
	16M (4608×3456)	12M(1:1) (3456×3456) 12M(16:9) (4608×2592)	7M (3072×2304)	5M(16:9) (3072×1728) 5M (2592×1944)	4M(16:9) (2592×1464)	3M (2048×1536)	2M(16:9) (1920×1080)	1280 (1280×960)	1024 (1024×768)	640 (640×480)	Movie	1920 (1920×1080)	1280 (1280×720)	
Internal memory	23	30	43	53	69	85	114	181	256	484	Frame rate	30fps	60fps	30fps
4GB	1284	1676	2366	2943	3771	4642	6352	10058	13411	24140	Internal memory	0:00:34	0:00:34	0:00:55
8GB	2613	3411	4816	5990	7675	9447	12927	20469	27292	49126	4GB	0:33:29	0:33:29	0:54:18
											8GB	1:08:11	1:08:11	1:50:35

Notes:

*The still-image recording capacity is an approximate figure. The values of the recording capacity of still-images are values when set to the fine image quality. The recording capacities of still-images and movies may differ from actual figures depending on the capacity of the memory card and the type of subject. *The recording capacity of movies using continuous recording is 25 minutes per recording. *1 The recording capacity shows an approximate figure of images recorded under CIPA-compliant testing standards (excerpt of the CIPA standard: with LCD monitor on, with flash used for 50% of images, at 23°C) *2 The recording time is based on the results of RICOH IMAGING in-house testing. The results may differ depending on the use condition.

About RICOH WG-60's waterproof, dustproof, and shockproof performance

Waterproof and dustproof performance: *The WG-60 is waterproof to a depth of 12 meters, and for up to two hours of continuous operation (equivalent to JIS Class 8) and dustproof (equivalent to JIS Class 6). For underwater use, make sure to observe the following instructions and the operating manual to ensure proper operations. *Ensure that the airtight seals installed on the battery/memory card and terminal covers are free of cracks and chips, that foreign substances such as sand and dirt have been wiped away, and are securely locked before use. *Avoid subjecting the camera to excessive shock, such as that created by plunging into water. The waterproof performance may drop. *To maintain the camera's waterproof performance, it is recommended to exchange the waterproof packing once a year. For information concerning waterproof seal exchange, please contact our support center. (a service fee will be charged)

Shockproof performance: *The WG-60's shockproof performance was measured using RICOH IMAGING in-house testing standards (against a fall from a height of 1.6 meters, onto a surface of 5cm-thick plywood), conforming to Method 516.5-Shock of the MIL-Standard 810F. *The WG-60's shockproof performance is not guaranteed when the camera experiences excessive shock (such as striking a hard object, or a drop from excessive height). *The WG-60's shockproof performance does not guarantee that it will remain damage- and trouble-free under all conditions.



*The SDXC logo is a trademark of SD-3C, LLC. *HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. *This product supports PRINT Image Matching III. PRINT Image Matching-enabled digital still cameras, printers, and software help photographers produce images that are more faithful to their intentions. Some functions are not available on printers that are not PRINT Image Matching III compliant. All copyrights regarding PRINT Image Matching, PRINT Image Matching II, and PRINT Image Matching III are reserved by Seiko Epson Corporation. *All other product/brand/corporate names are trademarks or registered trademarks of their respective companies.

Attention In order to use our products properly and safely, we strongly advise you to carefully and thoroughly read the operating manuals before use.

*Images taken with the RICOH WG-60 for anything other than personal enjoyment cannot be used without permission, according to the rights as specified in the Copyright Act. Users are advised to take care, as there are cases where limitations are placed on taking pictures even for personal enjoyment during demonstrations, performances or of items on displays. Images taken with the purpose of obtaining copyrights also cannot be used outside the scope of use of the copyright as laid out in the Copyright Act; care also should be taken in this area. *The liquid crystal panel used for the monitor is manufactured using extremely high precision technology. Although the level of functioning pixels is 99.99% or better, you should be aware that 0.01% or fewer of the pixels may not illuminate, or may illuminate when they should not. However, this has no effect on the recorded image. *This product is a Class B information technology device conforming to the standards prescribed by the Voluntary Control Council for Interference by Information Technology Equipment (VCCI) in Japan. Although it is primarily designed and manufactured for use in the household environment, it may cause electromagnetic interference to radio and TV receivers. Users are advised to follow the instructions described in the operating manual. *Users are advised to carry spare batteries for extended shooting sessions. *The sample photos used in this leaflet are conceptual images designed to demonstrate the WG-60's specific features and functions, and may not have actually been taken with the WG-60. *Images appearing in the LCD monitor are simulated. *Due to the properties of the printing process, there may be some discrepancies in color between the actual product and product images appearing in this leaflet. *Designs and specifications are subject to change without notice. *All contents of this leaflet are copyrighted, and must not be used, duplicated or transmitted, whether in part or in entirety, without permission. This leaflet is produced for personal, noncommercial use only, and must not be used for any purpose other than its intended use.