



**Digital compact cameras for underwater photography down to 14 meters, with improved usability such as the Digital Microscope mode**

	ART. CODE	EAN
RICOH WG-70, black	03867	027075301627
RICOH WG-70, orange	03872	027075301658

## Exceptional image quality

- Approx. 16 effective megapixels
- 5x optical zoom starting from 28mm
- Combination of high-performance lens & a back-illuminated CMOS sensor, produce a clear image with low-noise and a wide dynamic range

## 5X optical zoom lens with 28mm wide-angle coverage

- focal-length coverage from 5mm to 25mm (equivalent to 28mm to 140mm in 35mm format)

## Advanced underwater shooting mode

- Underwater shooting modes optimize color, contrast, and white balance
- Flash Off + Flash On option, allows the user to consecutively capture two images — one without flash and another with flash

## Improved usability of Digital Microscope mode

- Usability is improved as the recording size can be newly selected from 2M (1920 x 1080), to a maximum of 12M (4608 x 2592),

## Six Macro Lights to assist close-up shooting, with various functions

- LED Ring Light placed around the lens have been evolved further
- Newly equipped 6 variable light function for any user environment

## Full HD movie recording for extended shooting of high-quality movies

- High-quality, extended movie clips (1920 x 1080 pixels, 16:9) at a frame rate of 30 f/sec.

## Triple anti-shake protection to prevent blurred images in all applications

- Pixel Track SR mechanism / Digital SR mode / Movie SR mode

## Kit Accessories

RECHARGEABLE LI-ION BATTERY D-LI92	39800	027075049116
POWER ADAPTER D-PA164E	30218	027075296565
USB CABLE I-USB170	37053	022705299481
CARABINER STRAP O-ST104	39857	027075183285
MACRO STAND O-MS1	39004	027075188860

## Optional Accessories

RECHARGEABLE LI-ION BATTERY D-LI92	39800	027075049116
BATTERY CHARGER KIT K-BC92E	39804	027075049154
BATTERY CHARGER KIT K-BC92H	39808	027075152533
CAMERA CASE O-CC135	38859	027075225848
CAMERA CASE O-CC118	39945	027075207714
PROTECTOR JACKET O-CC1252	39986	027075216303
REMOTE CONTROL O-RC1	39892	027075183513
SPORT STRAP O-ST81	39457	027075118324
WG FLAT ADEHESIVE MOUNT O-CM1471	37030	027075276017
WG HANDLE BAR MOUNT O-CM1472	37031	027075276024
WG SUCTION CUP MOUNT O-CM1473	37032	027075276031
WG HOLDER O-CH1470	37033	027075276048
WG REPAIR PARTS 1 O-CM1474	37034	027075276055
WG REPAIR PARTS 2 O-CM1475	37035	027075276062
WG REPAIR PARTS 3 O-CM1476	37036	027075276079
LARGE ADHESIVE MOUNT O-CM1532	37041	027075287778
WRIST STRAP MOUNT O-CM1533	37042	027075287785
PEG MOUNT O-CM1534	37043	027075287792
MAGNET MOUNT O-CM1535	37044	027075287808
HELMET STRAP MOUNT O-CM1536	37045	027075287815
ANGLE ADAPTER O-MA1532	37047	027075287839



PROTECTOR JACKET O-CC1252



REMOTE CONTROL O-RC1

# RICOH WG-70

## CAMERA TYPE

TYPE Water protected Digital compact camera for movie and photo

## SENSOR

TYPE 1/2.3" CMOS  
 EFFECTIVE: approx. 16 megapixels  
 STANDARD OUTPUT: AUTO, Manual (ISO 125 - 6400)  
 MOTION BLUR REDUCTION Still: Pixel Track SR, hi-sensitivity anti-shake mode (Digital SR)  
 Video: Movie shake reduction mode (Movie SR)  
 WHITE BALANCE Auto, Daylight, Shade, Cloudy, Tungsten light, Fluorescent light(D:Daylight Color, N:Daylight White, W:White Light), Ring light, Manual  
 DYNAMIC RANGE Shadow/Highlight adjustment  
 NOISE REDUCTION Automatically applied when the shutter speed is slower than 0.25 s

## FILE FORMATS

STILL JPEG (conforms to Exif 2.3), conforms to DCF2.0, PRINT Image Matching III  
 RECORDED PIXELS STILL: Size: 16M, 12M(1:1), 12M(16:9), 7M, 5M(16:9), 5M, 4M(16:9), 3M, 2M(16:9), 1024, 640  
 Selection limited by mode  
 STILL: ★★★, ★★, ★, SD/SDHC/SDXC Memory Card  
 Approx. 68MB,

## LENS

FOCAL LENGTH 5 - 25mm  
 35MM FORMAT EQUIVALENT Approx. 28 - 140mm  
 MAXIMUM APERTURE F3.5(W) – F5.5(T)  
 CONSTRUCTION RICOH lens, 11 elements in 9 groups (5 aspherical elements)  
 OPTICAL ZOOM 5x  
 DIGITAL ZOOM Approx. 7.2x  
 INTELLIGENT ZOOM Approx. 7.5X at 7M, approx. 36X at 640 (including optical zoom)  
 MAXIMUM MAGNIFICATION Approx. 0.4x (1cm Macro)

## AUTO FOCUS SYSTEM

TYPE 9-point AF, Spot AF, Auto tracking AF,  
 FOCUS RANGE Standard: 0.5m - infinity / 1.64ft. - infinity (entire zoom range)  
 Macro:0.1 - 0.6m / 0.33 - 1.97ft. (entire zoom range)  
 1cm Macro:0.01 - 0.3m / 0.03 - 0.98ft. (middle zoom position)  
 Infinity-landscape, Pan Focus, Manual Focus: available  
 0.01m - infinity (Depends on the zooming steps. 0.01m is only available in 2 - 4 zoom step.)  
 MANUAL FOCUS RANGE Face Detection AF&AE is available for all modes up to 30 faces. Smile Capture, Self-portrait Assist, Self-portrait Assist + Smile Capture, Blink Detection  
 Detect up to 1 pet's face(auto) available  
 FACE DETECTION Face Detection AF&AE is available for all modes up to 30 faces. Smile Capture, Self-portrait Assist, Self-portrait Assist + Smile Capture, Blink Detection  
 Detect up to 1 pet's face(auto) available  
 PET DETECTION Detect up to 1 pet's face(auto)  
 AF ASSIST LAMP available

## EXPOSURE CONTROL

METERING SYSTEM Multi-segment metering, Center-weighted metering, Spot metering  
 SHUTTER SPEED 1/4000 - 1/4sec.(Mechanical and electronic shutter),  
 4sec at most. (Night Scene mode setting)  
 ± 2EV ( 1/3EV steps)  
 EV COMPENSATION Auto Picture, Program, HDR, Handheld Night Snap, Movie, High Speed Movie,  
 SCENE MODE Digital Microscope, Landscape, Flower, Portrait, Underwater, Underwater Movie, Interval Shot, Interval Movie, Surf & Snow, Kids, Pet, Sport, Night Scene, Night Scene Portrait, Fireworks, Food, Digital SR, Report, Green  
 10 sec., 2 sec., OFF

## CAPTURE SETTING

IMAGE TONE Bright, Natural, Vibrant, Slide Film, Monochrome, Cross Processing

## DISPLAY

TYPE 2.7" Wide LCD, approx. 230K dots, AR Coating(Cover only)

## SHOOTING FEATURES

DRIVE MODES One shot, Self-timer, Continuous Shooting, Burst Shooting, M Continuous, S  
 Continuous, Remote Control, Auto Bracketing  
 CONTINUOUS SHOOTING Approx. 1.08 frame/sec., max 69 # of frames

## BUILT-IN FLASH

MODES Flash-on and Flash-off modes.  
 "Red-eye" compensation function employs a pre-discharge.  
 FLASH RANGE Wide:approx. 0.2 - 5.5m / 0.66 - 18 ft. (ISO Auto)  
 Tele:approx. 0.2 - 3.5m / 0.66 - 11 ft. (ISO Auto)  
 6 LED RING LIGHTS Single touch Ring light mode, Bright Illumination  
 Able to adjust amount of light by 10 steps  
 Able to select which LED should be lighted by 5 patterns  
 Macro shooting from 1cm

## MOVIE

FILE FORMAT MPEG-4 AVC/H.264  
 NUMBER OF RECORDED PIXELS 1920 (1920 x 1080) : approx. 30fps,  
 1280 (1280 x 720) : approx. 60/30fps  
 AUDIO [Movie/Underwater Movie] 32KHz, 16bit, monaural  
 [High Speed Movie] 8KHz, 16bit, monaural  
 SHAKE REDUCTION Movie shake reduction mode (Movie SR)  
 MOVIE EDIT FUNCTIONS Save as still image, Divide Movies, Adding title picture

## PLAYBACK

PLAYBACK FUNCTIONS One Shot, Index (6 thumb nails, 12 thumb nails), Enlargement (up to 10X, scroll available), Movie Playback, Histogram, Folder display, Select&Delete, Calendar  
 PLAYBACK MODES Slideshow, Image Rotation, Small Face Filter, Ink Rubbing Filter, Collage, Digital Filter(B&W / Sepia, Toy Camera, Retro, Color, Extract Color, Color Emphasis, High Contrast, Starburst, Soft, Fish-eye, Brightness, Miniature), HDR Filter, Original Frame, Movie Edit, Red-eye Edit, Resize, Cropping, Image Copy, Protect, Start-up Screen  
 DIGITAL FILTER B&W / Sepia, Toy Camera, Retro, Color, Extract Color, Color Emphasis, High Contrast, Starburst, Soft, Fish-eye, Brightness, Miniature Filter

## CUSTOMAZATION

LANGUAGES English, French, Germany, Spanish, Portuguese, Italy, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkey, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese

## SPECIAL

WORLD TIME Supported  
 DATE IMPRINT Date Imprint Available (Date, Time, Date & time) (except Green)  
 START-UP TIME Approx. 1.5 sec (TBD)  
 RELEASE TIME LAG Approx. 0.008 sec.  
 WATER PROOF Up to 14m (45ft.) for 2 hours  
 Equivalent to JIS Class 8 waterproof  
 DUSTPROOF IP6X / JIS Class 6 dustproof capabilities  
 SHOCK PROOF Up to 1.6m (5.2ft.)  
 OPERATING TEMPERATURE -10°(14°F) to 40°(104°F)  
 WIDE ANGLE CONVERSION Supported

## POWER SUPPLY

POWER SOURCE Rechargeable lithium-ion battery D-LI92  
 BATTERY LIFE Still\*: approx. 300 shots (Rechargeable Lithium-ion battery)  
 Playback\*\*: approx. 260 min. (Rechargeable Lithium-ion battery) (TBD)  
 Movie: approx. 90 min. \*\* (TBD)  
 \* Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performance may vary depending on operating conditions.  
 \*\* According to the result of RICOH IMAGING in-house testing.  
 APPROX. 120 min.

## INTERFACES

USB2.0(Micro-B), HDMI output terminal(Type D)

## DIMENSIONS & WEIGHT

DIMENSIONS Approx. 122.5 (W) x 61.5 (H) x 29.5mm (D) /4.8 (W) x 2.4 (H) x 1.2inches (D) (including lens depth)  
 WEIGHT Approx. 193g / 6.8 oz. (loaded and ready)  
 Approx. 173g / 6.1oz. (without battery and SD memory card)

## SYSTEM REQUIREMENTS

PC Windows® 7, Windows® 8.1, Windows® 10  
 MAC Mac OS X 10.10, 10.11, 10.12, 10.13, 10.14, 10.15

