



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,
 FACE DETECTION Self-portrait Assist, Self-portrait Assist + Smile Capture, Blink Detection
 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

SHOCK PROOF IP6X / JIS Class 6 dustproof capabilities
 OPERATING TEMPERATURE Up to 1.6m (5.2ft.)
 WIDE ANGLE CONVERSION -10°(14°F) to 40°(104°F)
 LENS 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.

BATTERY CHARGE TIME

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

