



## The All-weather Extreme Compact - Waterproof, Shockproof, Freezeproof and Crushproof

	ART. CODE	EAN
RICOH G900/pearl white	162103	0026649621031

### Business-use Capabilities

In addition to outdoor applications at civil engineering, construction and disaster relief sites, the RICOH G900 can also be used in a wide range of indoor industries, at locations such as high-security workplaces thanks to the password-protected Camera Lock function inherited from its predecessor, and medical and manufacturing facilities requiring thorough cleansing and sterilization of equipment.

- Camera memos: image management made easy
- Putting survey slates to good use with image clips
- Compare images with "Watermark Options"
- Password protection restricts access to a variety of camera functions
- Internal memory with around 6.5 GB of image storage

### Tough Body Design

- 20m Waterproof
- 2.1m Shockproof
- -10°C Freezeproof
- 100kg Crushproof
- Chemical-resistant body

### Advanced Camera Performance

- Approx. 20 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

### Advanced Camera Performance

- 18 scene modes
- 12 digital filters (can be applied after shooting)
- Digital Microscope mode
- Equipped high accuracy GPS

### Multifunctional LED Ring Light

- LED Ring Light placed around the lens have been evolved further
- Newly equipped 6 variable light function for any user environment
- Improved Operability even with gloves- Renewed exterior design
- Pursued easy operation in harsh conditions.- ADJ button, which often used camera setting can be assigned for instant setting changes

### Remarkably advanced Movie Shooting

- 4K•30fps movie recording
- Electronic gimbal

### Kit Accessories

RECHARGEABLE BATTERY DB-110	37838	0027075300378
POWER ADAPTER AC-U2		
POWER PLUG		
USB CABLE I-USB173	30275	0027075301214
OST-174	30280	
MACRO STAND O-MS3	30276	0027075301221
BATTERY CHARGER BJ-11	37861	0027075300385

### Optional Accessories

PROTECTOR JACKET RICOH O-CC174	30279	0026649759475
PENTAX REMOTE CONTROL O-RC1	39892	0027075183513
AC ADAPTER KIT K-AC166E	38371	0027075301030
BATTERY CHARGER BJ-11	37861	0027075300385
WIDE CONVERSION LENS DW-5	171930	0026649719332
SOFT CASE RICOH SC-900	30277	0026649759475
RICHARGEABLE BATTERY DB-110	37838	0027075300378



Protector Jacket O-CC174



Remote Control O-RC1



Battery Charger BJ-11



Soft Case SC-900

# RICOH G900

## CAMERA TYPE

TYPE Water protected digital compact camera for business use

## SENSOR

TYPE 1/2.3" CMOS  
 EFFECTIVE: approx. 20 megapixels  
 STANDARD OUTPUT: AUTO, Manual (ISO 125 - 25600)  
 MOTION BLUR REDUCTION Still: Pixel Track SR, hi-sensitivity anti-shake mode (Digital 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: L(20M), M(10), S(5M), XS(3M), 2M, 1M, VGA, Aspect: 4:3, 3:2, 1:1  
 Selection limited by mode  
 QUALITY LEVEL Still: \*\*\*, \*\*, \*  
 STORAGE MEDIA SD/SDHC/SDXC Memory Card, FlashAir Card  
 BUILT-IN MEMORY Approx. 6.5GB

## 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. 8.1x  
 INTELLIGENT ZOOM Approx. 7x at 10M, approx. 40.5x at 640 (including optical zoom)  
 MAXIMUM MAGNIFICATION Approx. 0.4x (1cm Macro)

## AUTO FOCUS SYSTEM

TYPE 9-point AF, Spot AF, Auto tracking AF, TTL contrast detection auto focus system  
 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  
 MANUAL FOCUS RANGE 0.01m - infinity (Depends on the zooming steps. 0.01m is only available in 2 - 4 zoom step.)  
 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  
 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)  
 EV COMPENSATION ± 2EV (1/3EV steps)  
 SCENE MODE Auto Picture, Program, HDR, Movie, High Speed Movie, Digital Microscope, Interval Shot, Interval Movie, Surf & Snow, Digital SR, Report, watermark, Firefighting, Skew Correct, Text, Zoom Macro, Haze removal, Depth of field composition  
 SELF TIMER 10 sec., 2 sec., OFF

## CAPTURE SETTING

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

## DISPLAY

TYPE 3.0" Wide LCD, approx. 1040K dots, AR Coating(Cover only)  
 ADJUSTMENTS Brightness, Outdoor View Setting: ±2 Steps

## SHOOTING FEATURES

DRIVE MODES One shot, Self-timer, Continuous Shooting, Burst Shooting, M Continuous, S Continuous, Remote Control, Auto Bracketing  
 CONTINUOUS SHOOTING approx. 3 frame/sec.  
 HIGH SPEED CONTINUOUS SHOOTING Approx. 10 fps, 5M(4:3): up to 36 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)Recover File, Auto Image Rotation, Skew Correct  
 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 4K (3840 x 2160) : approx. 30xyfps, 1920 (1920 x 1080) : approx. 30fps, 1280 (1280 x 720) : approx. 60/30fps  
 AUDIO [Movie/Underwater Movie] 32KHz, 16bit, stereo  
 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 (20 thumb nails, 81 thumb nails), Enlargement (up to 10X, scroll available), Movie Playback, Histogram, Folder display, Delete, Select & Delete, Delete All, Calendar  
 PLAYBACK MODES Slideshow, Image Rotation, Small Face Filter, Ink Rubbing Filter, Digital Filter(B&W / Sepia, Toy Camera, Retro, Color, Extract Color, Color Emphasis, High Contrast, Starburst, Soft, Fish-eye, Brightness, Miniature), HDR Filter, Movie Edit, Red-eye Edit, Resize, Cropping, Image Copy, Protect, Start-up Screen, Recover File, Auto Image Rotation, Skew Correct  
 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  
 ADJUST PARAMETER USER Setting (U1/U2)  
 FOLDER NAME Supported  
 COPYRIGHT INFORMATION Supported

## SPECIAL

WORLD TIME Supported  
 DATE IMPRINT Date Imprint Available (Date, Time, Date & time) (except Green)  
 START-UP TIME Approx. 1.0 sec (TBD)  
 RELEASE TIME LAG Approx. 0.003 sec.  
 WATER PROOF Up to 20m (65.6ft.) for 2hours  
 Equivalent to JIS Class 8 waterproof  
 DUSTPROOF IP6X / JIS Class 6 dustproof capabilities  
 SHOCK PROOF Up to 2.1m (6.8ft.) or 2.0m (6.6ft.) (TBD)  
 OPERATING TEMPERATURE-10°C (14°F) to 40°C (104°F)  
 WIDE ANGLE CONVERSION Supported  
 LENS Supported  
 PROFESSIONAL FEATURES Camera Memo, Image Modification Check, Barcode Mode, User Password/Admin Password Setting, Electronic Board Support, Image Clip

## GPS

GPS GLONASS, QZS+ SBAS  
 DISPLAY MODE LAT/LON, UTM, MGRS  
 GPS log, GPS lock, GPS time adjustment, GPS data imprint, UTC data imprint

## ELECTRONIC COMPASS

COMPASS HEADING Cardinal, Degrees, Cardinal/Degrees, Declination, Compass data imprint

## POWER SUPPLY

POWER SOURCE Rechargeable DB-110 lithium-ion battery  
 BATTERY LIFE Still\*: approx. 340 shots (Rechargeable Lithium-ion battery)  
 Playback\*\*: approx. 260 min. (Rechargeable Lithium-ion battery) (TBD)  
 Movie: approx. 60 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.  
 BATTERY CHARGE TIME Approx. 180 min.

## INTERFACES

USB3.0 (Type-C), HDMI output terminal (Type D)

## DIMENSIONS & WEIGHT

DIMENSIONS Approx. 118.2 (W) x 65.5 (H) x 33.1 (D)mm/4.7 (W) x 2.6 (H) x 1.3 (D) inches (including lens depth)  
 WEIGHT Approx. 247g / 8.7oz. (Included dedicated battery and SD memory card), approx. 219g / 7.7 oz.(Body only)

## SYSTEM REQUIREMENTS

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

