

A Camera for the Hard-Working Professional

NEW



Proof against water, dust, shock, and chemicals*¹

5 × optical zoom (28–140mm)*²

Support for camera memos

✓ Camera memos: image management made easy

Use the camera or a PC to create written or voice memos that can later be added to photos. Memos can contain up to 30 seconds of audio or up to 100 items with descriptions of up to 128 characters each.

✓ Putting survey slates to good use with image clips

A previously-recorded image of a survey slate can be embedded as sub-image to a photo of the entire worksite, making it easier to take photos when your hands are too full, or the location too cramped or too dark, to place a slate. You can also choose the slate's size (large, medium, or small) and location (up, down, left, or right).

✓ Compare images with "Watermark Options"

Use existing pictures as a template when composing new photos. Template transparency can be selected from 20, 40, 60, and 80 percent. Templates can also be placed next to photos with the same composition for side-by-side comparisons. One way in which this feature can be used is for before and after shots on construction sites.

✓ Adjustable six-LED Ring Light

The lens is surrounded by a six-LED Ring Light. You can choose which LEDs light and adjust their brightness to get clear shots showing fine details such as the model numbers on small parts or scratches and cracks in walls or floors.



✓ Equipped with GPS and an electronic compass

Use the camera's built-in GPS and electronic compass to record location data with photos and movies. Location data can be acquired via GPS, the Japanese Quasi-Zenith Satellite System (QZSS, also known as Michibiki), and GLONASS. The "GPS Lock" button can be used to record the location of a selected target.

✓ 4K resolution for sharper movies

Shoot movies in 4K (frame size 3840 × 2160 pixels, 30fps) for high-resolution footage that gives you an overall view of a big construction site, for example, or helps you grasp the relative positions of various objects.

✓ Internal memory with around 6.5 GB of image storage

The camera features internal memory with space enough for 856 maximum-quality images.*³ Keep shooting secure in the knowledge that won't run out of storage when the memory card is full.

✓ Password protection restricts access to a variety of camera functions

Password-protect access to any or all camera features, including camera controls, menus access, internal memory viewing, and USB connection. Choose separate administrator and user passwords for greater control over security. Access can be granted by scanning a password barcode or entering the password using the camera's onscreen keyboard.

*¹ Waterproof to a depth of 20m for up to two hours of continuous operation IPX8 (equivalent to JIS Class 8) dustproof performance IPX6 (JIS Class 6); able to withstand drops of 2.1m onto a 5cm thick plywood surface (measured according to RICOH's in-house testing standard, conforming to MIL-Standard 810F Method 516.5-Shock drop test); able to withstand loads of 100kg (measured according to RICOH in-house testing standard); and resistant to ethanol, sodium hypochlorite, and liquid chlorine dioxide. *² All focal lengths in this catalog are 35mm format equivalents. *³ Setting condition: 5184 × 3888, L, ★★



G900

Accessories included

- USB Cable
- USB Power Adapter
- Rechargeable Battery
- Power Plug
- Battery Charger
- Neck Strap
- Macro Stand
- Instruction Manual (Camera User Guide) Warranty Card

Optional Accessories

●RICOH SC-900 Soft Case

A sleeve-style camera case that allows the camera to be readied easily and used quickly.

●RICOH O-CC 174 Protector Jacket

A silicone jacket that protects the camera from dirt and scratches.

■ Principal Specifications for the New RICOH G900 Digital Camera

Product Name		RICOH G900
		RICOH lens, 11 elements in 9 groups (5 aspherical elements)
Lens	Focal Length (in 35mm format equivalent)	5 - 25 mm (Approx. 28 - 140mm)
	Maximum Aperture	F3.5(W) - F5.5(T)
Zoom	Optical Zoom	5X
	Digital Zoom	approx. 8.1X
	Intelligent Zoom	approx. 7X at 10M, approx. 40.5X at 640 (including optical zoom)
Motion Blur Reduction	Still	Pixel Track SR, Hi-sensitivity anti-shake mode (Digital SR)
	Movie	Movie shake reduction mode (Movie SR, Movie SR+)
	Type	9-point AF, Spot AF, Auto tracking AF
Focus	Focus Range (From lens face)	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
Number of Effective pixels		Approx. 20 megapixels
Image Sensor		1/2.3" CMOS
Number of Recorded pixels	Still	Size: L(20M), M(10), S(5M), XS(3M), 2M, 1M, VGA) in aspect 4:3. • 2M and 1M are available only in the CALS mode. Aspect: 4:3, 3:2, 1:1 • In the CALS mode, the aspect ratio is fixed to 4:3.
	Movie	4K, 1920, 1280
Sensitivity (Standard Output Sensitivity)		AUTO, Manual (ISO 125 - 25600)
White Balance		Auto, Daylight, Shade, Cloudy, Tungsten light, Fluorescent light(D:Daylight Color, N:Daylight White, W:White Light), Ring light, Manual
Display	Type	3.0" LCD, approx. 1040K dots, AR Coating(Cover only)
	Adjustments	Brightness, Outdoor View Setting: ±2 Steps
Exposure Control	Metering System	Multi-segment metering, Center-weighted metering, Spot metering
	Exposure Compensation	± 2EV (1/3EV steps)
Scene modes		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
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
Shutter Speed		1/4000 - 1/4 sec.(Mechanical and electronic shutter)
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)
Drive Modes		One shot, Self-timer, Continuous Shooting, Burst Shooting, M Continuous, S Continuous, Remote Control, Auto Bracketing
Storage Media		Built-in Memory (approx. 6.5GB), SD/SDHC/SDXC Memory Card,FlashAir™ Card Rechargeable Battery DB-110
Power Source	Battery life	Still*1: approx. 340 shots (Rechargeable Battery) Playback*2: approx. 260 min. (Rechargeable Battery)
GPS		GPS, GLONASS, QZSS (Michibiki) + SBAS GPS display mode: LAT/LON, UTM, MGRS GPS logging, GPS lock, GPS time adjustment, GPS data imprint, UTC data imprint
Electronic Compass		Compass heading :Cardinal, Degrees, Cardinal/Degrees Declination, Compass data imprint
Interfaces		USB3.0 (Type-C), HDMI output terminal(Type D)
Water proof / Dustproof		Equivalent to JIS Class 8 waterproof and JIS Class 6 dustproof capabilities
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 / 8.7 oz. (Included dedicated battery and SD memory card), Approx. 219g / 7.7 oz. (Body only)
Included Accessories		Rechargeable Battery DB-110, Battery Charger BJ-11, USB Power Adapter, Power Plug, USB Cable I-USB 173, Neck Strap, Macro Stand
Languages		English, French, Germany, Spanish, Portuguese, Italy, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkey, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese

*1 Recording capacity shows approximate number of shots recorded during CIPA-compliant testing.
Actual performance may vary depending on operating conditions.

*2 According to the result of RICOH in-house testing.

■ RICOH G900 Optional Accessories

Product Name	Model Name
Soft Case	RICOH SC-900
Protector Jacket	RICOH O-CC 174
Wide Conversion	DW-5
Remote Control Waterproof	O-RC 1
Rechargeable Battery	DB-110
Battery Charger	BJ-11

■ RICOH G900 Software

DL-20, LE2, ME2, EX2

■ RICOH G900 System Requirements

	Windows®
Operating Systems Supported	Windows® 10 (32bit/64 bit)
	Windows® 8.1 (32bit/64 bit)
	Windows® 7 SP 1 (32bit/64 bit)
	Windows Server® 2019 (64 bit)
	Windows Server® 2016 (64 bit)
	Windows Server® 2012 R2 (64 bit)
	Windows Server® 2008 R2 (64 bit)

■ SD Memory Card Storage Capacity (Number of Images and Time)

				Internal Memory (approx. 6.5GB)	16GB
Still Image*1	5184×3888	L	★★	1478	3233
	3648×2736	M	★★	2916	6379
	2592×1944	S	★★	5394	11801
	2048×1536	XS	★★	8299	18155
	1600×1200*2	2M	★★	11988	26225
	1280×960*2	1M	★★	14386	31470
Movie	640×480	VGA	★★	53949	118013
	3840 (3840×2160)		30fps	00:09:26	00:20:44
	1920 (1920×1080)		30fps	00:47:36	01:44:15
	1280 (1280×720)		30fps	01:18:41	02:52:14

* The maximum recording time is the estimated total recording time.

*1 In aspect 4:3

*2 In the CALS mode

For more information, visit:

<https://industry.ricoh.com/en/dc/>



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