



Principal Specifications for the New RICOH G800 Digital Camera

Product Name	RICOH G800	
No. of effective pixels (camera)	Approx. 16.00 million effective pixels	
Image Sensor	1/2.3" CMOS (Approx. 16.76 total million pixels)	
Focal Length	5.0 mm to 25 mm (equivalent to 28 mm to 140 mm on a 35-mm camera)	
F-aperture	F3.5 to F5.5	
Lens	Shooting Distance	Normal shooting: Approx. 30 cm to ∞ (Wide-angle) or 50 cm to ∞ (Telephoto) (from the front of the lens) Macro shooting: Approx. 1 cm to ∞ (Wide-angle), 15 cm to ∞ (Telephoto) or 1 cm to ∞ (Zoom macro mode) (from the front of the lens)
	Lens Construction	11 elements in 9 groups plus 1 prism
Zoom Magnification	Optical zoom at 5.0 x, Digital zoom at 4.0 x, Auto resize zoom at approx. 7.2 x (VGA image)	
Focus Modes	Multi AF (using contrast AF/Spot AF (using contrast AF)/MF/Snap/∞ (with AF Auxiliary Light)	
Blur Reduction	Digital image stabilizer	
Shutter Speed	Still Image	8, 4, 2, 1 to 1/1500 seconds (The upper and lower limits differ for each shooting mode and flash mode.)
	Movie	1/30 to 1/10000 seconds
Exposure Control	Exposure Metering Mode	Multi Light Metering (256 segments)/Center-weighted Light Metering/Spot Metering (TTL metering performed by camera image sensor)
	Exposure Mode	Program AE
	Exposure Compensation	Manual exposure compensation (+2.0 to -2.0 EV in 1/3 EV Steps), Auto bracket function (-0.5 EV, ∞, +0.5 EV)
ISO Sensitivity (Standard Output Sensitivity)	Auto	(ISO 100-3200 in normal mode, ISO 100-6400 in high-sensitivity mode), manual (ISO 100-25600)
	White Balance Mode	Auto/Outdoors/Cloudy/Incandescent 1/Incandescent 2/Fluorescent/Manual/Ring Light, White balance bracket function
Flash	Flash Mode	Auto flash (fires automatically in low-light conditions and when the subject is backlit)/Anti Red-eye/Flash On/FLASH ON (10M)/Flash Synchron/Flash Off
	Built-in flash Range	Approx. 20 cm to 10.0 m (Wide-angle), approx. 40 cm to 6.2 m (Telephoto) (ISO AUTO/ISO 1600, from the front of the lens)
	Charging Time	Approx. 8 seconds
Picture Display	3.0" Transmissive LCD, approx. 920,000 dots	
Shooting Mode	Auto shooting mode/Scene mode (Watermark Options/Movie/High Sens/Firefighting/Skew Correct Mode/Text Mode/Zoom Macro)/My settings modes/CALS mode/DX mode	
Picture Quality Mode *1	F (Fine), N (Normal)	
Number of Recorded Pixels	Still Image	4608x3456, 4608x3072, 3456x3456, 3648x2736, 2592x1944, 2048x1536, 1600x1200, 1280x960, 640x480
	Movie	1920x1080, 1280x720, 640x480
	Text	4608x3456, 2048x1536
Recording Media	SD, SDHC, and SDXC memory cards (256 GB max.); Eye-Fi cards (X2 series); Internal memory (approx. 6.5 GB)	
Recording Data Capacity	4608x3456	N: approx. 3702 KB/Screen, F: approx. 6384 KB/Screen
	4608x3072	N: approx. 3304 KB/Screen, F: approx. 5689 KB/Screen
	3456x3456	N: approx. 2808 KB/Screen, F: approx. 4820 KB/Screen
	3648x2736	N: approx. 2367 KB/Screen, F: approx. 4048 KB/Screen
	2592x1944	N: approx. 1257 KB/Screen, F: approx. 2388 KB/Screen
	2048x1536	N: approx. 831 KB/Screen, F: approx. 1538 KB/Screen
	1600x1200	N: approx. 556 KB/Screen, F: approx. 987 KB/Screen
	1280x960	N: approx. 470 KB/Screen, F: approx. 815 KB/Screen
	640x480	N: approx. 113 KB/Screen, F: approx. 200 KB/Screen
	Still Image	JPEG (Exif ver.2.3)*2
Recording File Format	Movie	MOV (Images: MPEG-4 AVC/H.264; Audio: Linear PCM)
	Compression Format	JPEG Baseline Format Compliant (photographs); Baseline Profile Level 4.1 Compliant (movies)
Other Major Shooting Functions	Continuous mode, Self-timer (operation time: approx. 10 seconds, approx. 2 seconds), Interval shooting (shooting interval: 5 seconds to 3 hours, in increments of 5 seconds)*3, AE/AF target shift, Histogram display, Grid guide display, Electronic level	
Other Major Playback Functions	Thumbnail view, Enlarged view (maximum 16x), Resize, Contrast Correction, Skew Correction, Trim, Slide show, DPOF	
Interface	USB2.0 (High-Speed USB) Micro-B, Mass storage-compatible, HDMI Micro connector (type D)	
Power Supply	Rechargeable Battery (DB-65); 3.6 V AAA alkaline batteries (x2)	
Battery life (based on CIPA standard)*4	DB-65: approx. 400 shots AAA alkaline: 40 shots *5 (When [LCD Auto Dim] is set to [On])	
Dimensions (WxHxD)	118.8 mm x 71.0 mm x 41.0 mm (excluding projections; measured according to CIPA guidelines)	
Weight	Approx. 318 g (including memory card and supplied battery) Approx. 290 g (camera only)	
Tripod Hole Shape	1/4-20UNC	
Date Maintain Time	Approx. 3 days	
Operating Temperature	-10 °C to 40 °C	
Operating Humidity	90% or less	
Storage Temperature	-20°C--60°C	
Water resistance/Dust resistance	Camera only; JIS/IEC Class 8 water resistance, JIS/IEC Class 6 dust resistance (IP68)	

*1 The picture quality mode that can be set varies depending on the image size.
 *2 Compatible with DCF and DPOF. DCF is the abbreviation for "Design rule for Camera File system," a JEITA standard (Full compatibility with other devices is not guaranteed).
 *3 When the flash is set to [Flash Off].
 *4 The number of remaining shots is based on the CIPA standard and may vary depending on usage conditions. This is for reference only.
 *5 When using the AAA Alkaline batteries manufactured by Panasonic.

■RICOH G800 Optional Accessories

Product Name	Model Name
Wide Conversion Lens	DW-5
Rechargeable Battery	DB-65
Battery Charger	BJ-6
Soft Case	SC-700
HDMI® Cable	HC-1

■RICOH G800 Software

	Windows Vista®	Windows® 7	Windows® 8.1	Windows Server® 2008 R2	Windows Server® 2012 R2
1. DL-10	○	○	○	○	○
2. List Editor	○	○	○	○	○
3. ME1	○	○	○	○	○
4. EC1	○	○	○	○	○
5. EX1	○	○	○	○	○

■RICOH G800 System Requirements

	Windows®
Operating Systems Supported	Windows Vista® Service Pack 2, 32- and 64-bit editions of Windows® 7 Service Pack 1, 32- and 64-bit editions of Windows® 8.1, Windows Server® 2008 R2 Service Pack 1, Windows Server® 2012 R2
CPU	Pentium®IV: 1.6GHz or faster Pentium®M: 1.4GHz or faster Intel® Core™2 Duo: 1.5GHz or faster
Memory	1GB or more
Hard drive space required for installation	300 MB or more
Display Resolution	1024 x 768 pixels or greater
Display Colors	65,000 colors or greater
USB Port	A USB port compatible with the above-mentioned computer

*64-bit Windows Vista is not supported.
 *If your computer has an upgraded OS, the USB function may not work normally, so it cannot be supported.
 *The provided software may not operate properly if changes are made to the operating system, such as with patches and service package releases.
 *If used in conjunction with a hub or other USB devices, the software may not work properly.
 *When dealing with movies and other large files, a larger memory environment is recommended.

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

Mode	Image Size	Internal Memory	1GB	2GB	4GB	8GB	16GB	32GB
CALS SCENE (Movie) and [Text mode] excluded	16M 4:3F	1072	151	307	603	1228	2471	4956
	16M 4:3N	1848	260	529	1040	2117	4260	8546
	14M 3:2F	1204	169	345	678	1379	2776	5569
	14M 3:2N	2062	292	591	1160	2361	4751	9532
	12M 1:1F	1420	200	407	799	1626	3272	6565
	12M 1:1N	2437	343	698	1371	2791	5615	11265
	10M 4:3F	1688	238	484	950	1934	3891	7805
	10M 4:3N	2898	408	830	1631	3319	6678	13396
	5M 4:3F	2859	403	819	1609	3275	6589	13218
	5M 4:3N	5361	765	1536	3017	6140	12355	24783
	3M 4:3F	4376	623	1254	2463	5012	10085	20231
	3M 4:3N	8248	1162	2364	4642	9447	19007	38128
SCENE (Text Mode)	2M 4:3F	6918	975	1982	3893	7923	15941	31979
	2M 4:3N	11914	1727	3415	6705	13645	27455	55075
	1M 4:3F	8248	1195	2364	4642	9447	19007	38128
	1M 4:3N	14297	2015	4038	8046	16375	32946	66090
	VGA 4:3F	30637	4650	8781	17242	35089	70600	141621
	VGA 4:3N	53614	7556	15367	30174	61406	123550	247838
	16M 4:3	1848	260	529	1040	2117	4260	8546
	3M 4:3	4376	623	1254	2463	5012	10085	20231
	Full HD 1920(30fps)	45*43*	6*26*	13*6*	25*43*	52*22*	105*21*	211*21*
	HD 1280(60fps)	45*43*	6*26*	13*6*	25*43*	52*22*	105*21*	211*21*
	HD 1280(30fps)	74*55*	10*33*	21*28*	42*10*	85*49*	172*39*	346*21*
	VGA 640(30fps)	207*23*	29*13*	59*26*	116*43*	237*32*	477*55*	958*41*

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



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