

DIGITAL CAMERA		PowerShot G9
IMAGE SENSOR		
Type		1/1.7" CCD
Effective Pixels		Approx.12.1M
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		DIGIC III with iSAPS technology
LENS		
Focal Length		7.4 - 44.4 mm (35mm equivalent: 35-210mm)
Zoom		Optical 6x. Digital approx. 4x (with Digital Tele-Converter approx. 1.5x or 2.0x and Safety Zoom (1)) (2). Combined approx. 24x
Maximum f/number		f/2.8-f/4.8
Construction		9 elements in 7 groups (1 double-sided aspherical element)
Image Stabilisation		Yes (shift-type)
FOCUSING		
Type		TTL
AF System/ Points		AiAF (Face Detection / 9-point), 1-point AF (Any position is available, fixed centre or Face Select and Track)
AF Modes		Single, Continuous
AF Point Selection		Manual selection using FlexiZone AF/AE, Size (Normal, Small)
AF Lock		On/Off Selectable
AF Assist Beam		Yes
Manual Focus		Yes
Focus Bracketing		Yes
Closest Focusing Distance		1cm
EXPOSURE CONTROL		
Metering modes		Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame)
AE Lock		Yes
Exposure Compensation		+/- 2 EV in 1/3 stop increments
AEB		1/3 - 2 EV in 1/3 stop increments
ISO sensitivity (3)		AUTO, High ISO Auto, 80, 100, 200, 400, 800, 1600
SHUTTER		
Speed		15 – 1/2,500 sec (Available shutter speeds vary depending on the shooting mode)
WHITE BALANCE		
Type		TTL
Settings		Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom1, Custom2
COLOUR MATRIX		
Type		sRGB
VIEWFINDER		
Viewfinder		Real-image zoom, optical viewfinder
Dioptr Correction		Yes
LCD MONITOR		
Monitor		3.0" P-Si TFT, approx. 230,000 pixels
Coverage		100%
Brightness		Adjustable to one of fifteen levels

FLASH		
Modes	Auto, Manual Flash On / Off	
Slow Sync Speed	Yes	
Red-Eye Reduction	Yes	
Flash Exposure Compensation	+/- 2 EV in 1/3 stop increments. Face Detection FE. Safety FE.	
Flash Exposure Lock	Yes	
Manual Power Adjustment	3 levels with internal flash (19 levels with external EX Speedlites (4))	
Second Curtain Synchronisation	Yes	
Built-in Flash Range	30cm-4.0m (W) / 2.5m (T) (at ISO AUTO equivalent)	
External Flash	E-TTL with EX series Speedlites (4), Canon's High Power Flash HF-DC1	
SHOOTING		
Modes	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom (2 modes), Stitch Assist, Movie, Special Scene (Portrait, Landscape, Night Scene, Sports, Night Snapshot, Kids & Pets, Indoor, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater, ISO 3200(5), Color Accent, Color Swap)	
Photo Effects	My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color)	
Drive modes	Single, Continuous, Self-Timer	
Continuous Shooting	Approx. 1.5 fps(6), AF: Approx. 0.7 fps(6), LV: Approx. 0.8 fps(6) (until memory card becomes full) (7)	
RECORDING PIXELS / COMPRESSION		
Image Size	(L) 4000 x 3000, (M1) 3264 x 2448, (M2) 2592 x 1944, (M3) 1600 x 1200, (S) 640 x 480, (W) 4000 x 2248. Resize in playback (M3, S, 320 x 240)	
Compression	Superfine, Fine, Normal	
Movies	(L1)1024 x 768, 15 fps, (L2)640 x 480, 30fps, (LP)640x480, 30fps (M)320 x 240, 30fps, (S)160 x 120, 15fps (Time Lapse) 640 x 480, 0.5/1fps (Playback 15fps)	
Movie Length	Up to 4GB or 1 hour (L1, L2 and M) (7) Up to 3 mins (S) (7) Up to 120 mins (Time Lapse) (7)	
FILE TYPES		
Still Image Type	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, RAW, Digital Print Order Format [DPOF] Version 1.1 compliant	
Movies	AVI [Motion JPEG compression + WAVE (monaural)]	
Sound Files	WAVE (monaural)	
DIRECT PRINT		
Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)	
PictBridge	Yes	
OTHER FEATURES		

	Red-Eye Correction My Camera	Yes, in playback Start-up image and camera sounds customisation
	My Category Sound Memo Intelligent Orientation Sensor Histogram Playback zoom Self Timer Menu Languages	Image tagging feature Up to 60 sec per image Yes Yes, live histogram Approx. 2x – 10x Approx. 2 or 10 sec. or Custom English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian
INTERFACE		
	Computer Other	USB 2.0 Hi-Speed (Mini-B, PTP) A/V output (PAL/NTSC)
MEMORY CARD		
	Type	SD, SDHC, MMC, MMC <i>plus</i> , HC MMC <i>plus</i> . 32MB memory card supplied
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 2000 SP4 / XP SP2 / Vista Mac OS X v10.3 - 10.4
SOFTWARE		
	Browsing & Printing Other Drivers	ZoomBrowser EX / ImageBrowser PhotoStitch, RemoteCapture TWAIN (2000)
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-2LH/NB-2L (NB-2LH battery and charger supplied)
	Battery life	Approx. 240 shots (8) Approx. 420 min. playback
	A/C Power Supply	Optional, AC Adapter Kit ACK-DC20
ACCESSORIES		
	Case Waterproof / Weatherproof Case	Soft Case DCC-600, SC-DC55A Waterproof Case (40m) WP-DC21, Waterproof Case Weight WW-DC1
	Lenses	Tele-converter 2.0x TC-DC58C Wide-converter 0.75x WC-DC58B Lens adapter/Hood set LA-DC58H
	Flash	Canon Speedlites (220EX, 430EX, 580EX II (4)), Speedlite Transmitter ST-E2, Off-Camera Shoe Cord OC-E3 High Power Flash HF-DC1
	Power Supply & Battery Chargers	AC Adapter Kit ACK-DC20, Car Battery Charger CBC-NB2, Battery Charger CB-2LWE
PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 °C, 10 – 90% humidity
	Dimensions (WxHxD)	106.4 x 71.9 x 42.5 mm (excluding protrusions)
	Weight (body only)	Approx. 320g

**All data is based on Canon standard testing methods except where indicated.
Subject to change without notice.**

- (1) Depending on the image size selected
- (2) Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording
- (3) Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20th April 2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras.
- (4) Not all functions of the flash are supported
- (5) Recording pixels fixed at 1600 x 1200
- (6) Large/Fine with LCD monitor off
- (7) Depending on memory card speed / capacity
- (8) Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated