

DIGITAL CAMERA		PowerShot A2100 IS
IMAGE SENSOR		
Type		1/2.3" CCD
Effective Pixels		Approx 12.1M
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		DIGIC 4 with iSAPS technology
LENS		
Focal Length		6.4 – 38.4 mm (35mm equivalent: 36 – 216mm)
Zoom		Optical 6x. Digital approx. 4x [2] (with Digital Tele-Converter approx. 1.5x or 2.0x and Safety Zoom [1])[2]. Combined approx. 24x
Maximum f/number		f/3.2 – f/5.9
Construction		9 elements in 7 groups (including 1 double-sided aspherical element)
Image Stabilisation		Yes (shift-type)
FOCUSING		
Type		TTL
AF System/ Points		AiAF (Face Detection / 9-point), 1-point AF (fixed to centre or Face Select and Track)
AF Modes		Single, Continuous [10]
AF Point Selection		Size (Normal, Small)
AF Lock		On/Off Selectable
AF Assist Beam		Yes
Closest Focusing Distance		1cm (W) from front of lens in macro
EXPOSURE CONTROL		
Metering modes		Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre)
AE Lock		Locked when shutter button is pressed half way
Exposure Compensation		+/- 2 EV in 1/3 stop increments. i-Contrast for automatic dynamic range correction
ISO sensitivity [3]		AUTO, 80, 100, 200, 400, 800, 1600
SHUTTER		
Speed		1/60 - 1/1600 sec (factory default) 15 - 1/1600 sec (total range - varies by shooting mode)
WHITE BALANCE		
Type		TTL
Settings		Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
LCD MONITOR		
Monitor		3.0" TFT, approx. 230,000 dots
Coverage		100%
Brightness		Adjustable to one of five levels
FLASH		
Modes		Auto, Manual Flash On / Off
Slow Sync Speed		Yes
Red-Eye Reduction		Yes
Flash Exposure Compensation		Face Detection FE
Flash Exposure Lock		Yes
Built-in Flash Range		30cm-3.5m (W) / 2.0m (T)
External Flash		Canon High Power Flash HF-DC1
SHOOTING		

Modes	Auto*, P, Easy*, Portrait, Landscape, Night Snapshot, Indoor, Kids & Pets, Movie, Special Scene (Night Scene, Sunset, Foliage, Snow, Beach, Fireworks, Long Shutter, Aquarium, ISO 3200[5]). *with Scene Detection Technology and Motion Detection Technology
Photo Effects	My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited))
Drive modes	Single, Continuous, Self-Timer, FaceSelf-Timer
Continuous Shooting	Approx. 1.1 shots/sec.[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	Fine, Normal
Movies	(L)640 x 480, 30fps/30fps(LP) (M)320 x 240, 30fps
Movie Length	Up to 4GB or 1 hour (L and M) [7]
FILE TYPES	
Still Image Type	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, 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	Yes, during shooting and playback
My Category	Image tagging feature
Intelligent Orientation Sensor	Yes
Histogram	Yes
Playback zoom	Approx. 2x – 10x
Self Timer	Approx. 2 or 10 sec. or Custom
Menu Languages	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, Farsi
INTERFACE	
Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
Other	A/V output, dedicated connector (PAL/NTSC)
MEMORY CARD	
Type	SD, SDHC, MMC, MMCplus, HC MMCplus. 128MB memory card supplied
SUPPORTED OPERATING SYSTEM	

	PC & Macintosh	Windows XP SP2-3 / Vista (including SP1) Mac OS X v10.4 - 10.5
SOFTWARE		
	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Other	PhotoStitch
POWER SOURCE		
	Batteries	2x Size-AA Alkaline or NiMH Batteries(NB4-300) (Alkalines supplied)
	Battery life	Approx. 160 shots [8] (with supplied batteries) Approx. 400 shots (with optional Canon NB-3AH batteries) [8] Approx. 540 min. playback (with supplied batteries) Approx. 660 min. playback (with Canon NB-3AH batteries)
	A/C Power Supply	Optional, AC Adapter Kit ACK800
ACCESSORIES		
	Case	Soft Case DCC-85
	Flash	High Power Flash HF-DC1
	Power Supply & Battery Chargers	Battery Charger Kit CBK4-300, Ni-MH Batteries NB4-300, AC adapter kit ACK800
PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 °C [9], 10 – 90% humidity
	Dimensions (WxHxD)	101.9 x 63.5 x 31.9 mm
	Weight (body only)	Approx. 185g

All data is based on Canon standard testing methods (according to CIPA Standards) 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.

[5] Recording pixels fixed at 1600 x 1200.

[6] Under conditions where the flash does not fire.

[7] Depending on memory card speed / capacity / compression setting.

[8] Using the batteries and memory card format supplied with the camera (where included), except where indicated.

[9] 0 – 35 °C when NB-3AH is used

[10] Some settings limit availability