

DIGITAL CAMERA		PowerShot SX100 IS
IMAGE SENSOR		
Type		1/2.5" CCD
Effective Pixels		Approx 8.0M
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		DIGIC III with iSAPS technology
LENS		
Focal Length		6.0 - 60.0 mm (35mm equivalent: 36-360mm)
Zoom		Optical 10x. Digital approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x and Safety Zoom (1))(2). Combined approx. 40x
Maximum f/number		f/2.8 - f/4.3
Construction		10 elements in 9 groups (1 aspherical element)
Image Stabilisation		Yes (shift-type)
FOCUSING		
Type		TTL
AF System/ Points		Face Detection, 1-point AF (fixed to centre or Face Select and Track)
AF Modes		Single, Continuous
AF Point Selection		Size (Normal, Small)
AF Lock		On/Off Selectable
AF Assist Beam		Yes
Manual Focus		Yes
Closest Focusing Distance		1cm
EXPOSURE CONTROL		
Metering modes		Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (Centre)
AE Lock		On/Off Selectable
Exposure Compensation		+/- 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, Custom
COLOUR MATRIX		
VIEWFINDER		
LCD MONITOR		
Monitor		2.5" P-Si TFT, approx. 172,000 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
Built-in Flash Range		50cm-3.0m (W) / 50cm-2.0m (T) (at ISO AUTO equivalent)
External Flash		Canon's High Power Flash HF-DC1
SHOOTING		
Modes		Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Portrait, Landscape, Night Snapshot, Kids & Pets, Special Scene (Night Scene, Indoor, Foliage, Snow, Beach, Fireworks, Aquarium), Stitch Assist, Movie
Photo Effects		My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color(Limited))
Drive modes		Single, Continuous, Self-Timer
Continuous Shooting		Approx. 1.3fps(6) AF/LV: Approx. 0.8fps (6) (until memory card becomes full) (7)
RECORDING PIXELS / COMPRESSION		

Image Size	(L) 3264 x 2448, (M1) 2592 x 1944, (M2) 2048 x 1536, (M3, Postcard Date Imprint) 1600 x 1200, (S) 640 x 480, (W) 3264 x 1832. Resize in playback (M3, S, 320 x 240)
Compression	Superfine, Fine, Normal
Movies	(L)640 x 480, 30fps, (LP)640 x 480, 30fps, (M)320 x 240, 30fps (S)160x120, 15fps
Movie Length	Up to 4GB or 1 hour (L, LP, M) (7) Up to 3 mins (S) (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, in playback
My Camera	Start-up image and camera sounds customisation (Pre-Installed items only)
Sound Memo	Up to 60 sec per image
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
INTERFACE	
Computer	USB 2.0 Hi-Speed (Mini-B, PTP)
Other	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	ZoomBrowser EX / ImageBrowser
Other	PhotoStitch
Drivers	TWAIN (2000)
POWER SOURCE	
Batteries	2x Size-AA Alkaline or NiMH Batteries(NB4-300) (Alkalines supplied)
Battery life	Approx. 140 shots (8) (with supplied batteries) Approx. 400 shots (with optional Canon NB4-300 batteries)(8) Approx. 420 min. playback (with supplied batteries) Approx. 600 min. playback (with Canon NB4-300 batteries)
A/C Power Supply	Optional, AC Adapter Kit ACK800
ACCESSORIES	
Case	Soft Case DCC-700
Flash	High Power Flash HF-DC1
Power Supply & Battery Chargers	AC Adapter Kit ACK800, Battery Charger Kit CBK4-300, Ni-MH Batteries NB4-300
PHYSICAL SPECIFICATIONS	
Operating Environment	0 – 40 °C, 10 – 90% humidity
Dimensions (WxHxD)	108.7 x 71.4 x 46.7 mm (excluding protrusions)

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