



PowerShot SX120 IS
Specification Sheet

IMAGE SENSOR		
Type		1/2.5" CCD
Effective Pixels		Approx 10.0M
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		DIGIC 4 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. 1.4x or 2.3x 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 (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		On/Off Selectable
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- 1/2500 sec (factory default) 15 - 1/2500 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. Fastest speed 1/500 sec
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
Built-in Flash Range		50cm-4.0m (W) / 1.0m-2.5m (T)
External Flash		Canon High Power Flash HF-DC1

SHOOTING		
Modes		Auto*, Program AE, Shutter priority AE, Aperture priority AE, Manual, Easy, Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, SCN (Night Scene, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium, ISO 3200[5]), Movie *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. 1.3 shots/sec.[6] AF/LV: Approx. 0.9 shots/sec.[6] (until memory card becomes full) [7]
RECORDING PIXELS / COMPRESSION		
Image Size		(L) 3648 x 2736, (M1) 2816 x 2112, (M2) 2272 x 1704, (M3) 1600 x 1200, (S) 640 x 480, (W) 3648 x 2048. 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 [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)]
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
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 SP1-2) 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. 130 shots [8] (with supplied batteries) Approx. 370 shots (with optional Canon NB4-300 batteries)[8] Approx. 420 min. playback (with supplied batteries) Approx. 540 min. playback (with Canon NB4-300 batteries)	
A/C Power Supply	Optional, AC Adapter Kit ACK800	
ACCESSORIES		
Case	Soft Case DCC-750	
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 [9], 10 – 90% humidity	
Dimensions (WxHxD)	110.6 x 70.4 x 44.7 mm	
Weight (body only)	Approx 245g	

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 (ISO 3200 Mode) and 1824 x 1368 (Low Light Mode).

[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