DIGITAL CAMERA		PowerShot SX520 HS
IMAGE SENSOR		
	Type	1/2.3 type back-illuminated CMOS
	Effective Pixels	Approx. 16.0M [14]
	Total Pixels	Approx. 16.8M
	Colour Filter Type	Primary Colour
IMAGE PROCESSOR		
	Type	DIGIC 4+ with iSAPS technology
LENS		
	Focal Length	4.3 – 180.6 mm (35 mm equivalent: 24 – 1008 mm)
	Zoom	Optical 42x ZoomPlus 84x Digital Approx. 4x (with Digital Tele-Converter Approx. 1.6x or 2.0x [1]). Combined Approx. 168x
	Maximum f/number	f/3.4 - f/6.0
	Construction	13 elements in 10 groups (3 UD lenses and 1 double-sided aspherical lens)
	Image Stabilisation	Yes (lens shift-type), Approx. 2.5-stop [13]. Intelligent IS with 5-axis Enhanced Dynamic IS
FOCUSING		
	Type	TTL
	AF System/ Points	AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)
	AF Modes	Single, Continuous, Servo AF/AE[6], Tracking AF
	AF Point Selection	Size (Normal, Small)
	AF Lock	Yes
	AF Assist Beam	Yes
	Manual Focus	Yes
	Closest Focusing Distance	0 cm (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	Yes
	Exposure Compensation	+/- 2 EV in 1/3 stop increments Enhanced i-Contrast for automatic dynamic range correction
	ISO sensitivity	AUTO,100, 200, 400, 800, 1600, 3200
SHUTTER		
	Speed	1 – 1/2000 sec. (factory default) 15 – 1/2000 sec. (total range – varies by shooting mode)
WHITE BALANCE		
	Type	TTL
	Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
COLOUR MATRIX		
	Type	sRGB
LCD MONITOR		
	Monitor	7.5 cm (3.0") TFT, Approx. 461,000 dots
	Coverage	Approx. 100%
	Brightness	Adjustable to one of five levels. Quick-bright LCD

FLASH		
	Modes	Auto, Manual Flash On / Off, Slow Synchro
	Slow Sync Speed	Yes. Fastest speed 1/2000 sec.
	Red-Eye Reduction	Yes
	Flash Exposure Compensation	+/- 2 EV in 1/3 stop increments. Face Detection FE. Safety FE, Smart Flash Exposure
	Flash Exposure Lock	Yes
	Manual Power Adjustment	3 levels with internal flash
	Built-in Flash Range	50 cm – 5.5 m (W) / 1.3 m – 3.0 m (T)
	External Flash	Canon High Power Flash HF-DC2
SHOOTING		
	Modes	Smart Auto (32 scenes detected), Program AE, Shutter priority AE, Aperture priority AE, Manual, Hybrid Auto, Live View Control, Creative Shot, SCN (Portrait, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst (4.0MP), Low Light, Snow, Fireworks), Creative Filters (Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect), Movie
	Modes in Movie	Smart Auto (21 scenes detected), Standard, Program AE, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks
	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. 1.6 shots/sec (until memory card becomes full) High-speed Burst (4.0MP): 10.0 shots/sec., up to 117 shots[3] [4]
RECORDING PIXELS / COMPRESSION		
	Image Size	4:3 - (L) 4608 x 3456, (M1) 3264 x 2448, (M2) 2048 x 1536, (S) 640 x 480 16:9 - (L) 4608 x 2592, (M1) 3264 x 1832, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (L) 4608 x 3072, (M1) 3264 x 2176, (M2) 2048 x 1368, (S) 640 x 424 1:1 - (L) 3456 x 3456, (M1) 2448 x 2448, (M2) 1536 x 1536, (S) 480 x 480 Resize in playback (M2, S)
	Compression	Superfine, Fine
	Movies	(Full HD) 1920 x 1080, 30 fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps Miniature Effect (HD, L) 6fps, 3fps, 1.5 fps Hybrid Auto (HD) 30 fps
	Movie Length	(Full HD & HD) Up to 4 GB or 29 min. 59 sec. [7] (L) Up to 4 GB or 1 hour [4]
FILE TYPES		
	Still Image Type	JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
	Movies	MOV [Video: MPEG4-AVC (H.264), Audio: Linear PCM (stereo)]

DIRECT PRINT		
	Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge
	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., Custom
	Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Greek, Norwegian, Portuguese, Russian, Swedish, Spanish, Ukrainian, Polish, Czech, Hungarian, Turkish, Simplified Chinese, Chinese (traditional), Japanese, Korean, Thai, Arabic, Romanian, Farsi, Hindi, Malay, Indonesian, Vietnamese, Hebrew

INTERFACE		
	Computer	Hi-Speed USB (MTP, PTP) DIGITAL connector
	Other	HDMI Mini Connector A/V output (PAL/NTSC)

MEMORY CARD		
	Type	SD, SDHC, SDXC

SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 8 / 8.1 / 7 SP1 Mac OS X 10.8 / 10.9

SOFTWARE		
	Browsing & Printing	ImageBrowser EX
	Other	CameraWindow PhotoStitch

POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-6LH (battery and charger supplied)
	Battery life	Approx. 210 shots Eco mode approx. 290 shots Approx. 300 min. playback
	A/C Power Supply	Optional, AC Adapter Kit ACK-DC40

ACCESSORIES		
	Cases / Straps	Soft Case DCC-850
	Lenses	Lens Hood LH-DC60 Filter Adapter FA-DC67A (Compatible with Canon 67mm Filters: Circular Polarizing PL-C B, Protect Filter, ND Filter)
	Flash	Canon High Power Flash HF-DC2
	Power Supply & Battery Chargers	AC Adapter Kit ACK-DC40, Battery Charger CB-2LYE
	Other	Canon HDMI Cable HTC-100 Canon AV cable AVC-DC400ST Interface cable IFC-400PCU

PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 ºC, 10 – 90% humidity
	Dimensions (WxHxD)	120.0 x 81.7 x 91.9 mm
	Weight	Approx. 441 g (including battery and memory card)

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.

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

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

[6] Some settings limit availability.

[7] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above. (Full HD) 1920 x 1080 Speed Class 6 or above. (iFrame) 1280 x 720 Speed Class 6 or above.

[13] Values at maximum optical focal length. Cameras whose focal length exceeds 350mm (35mm equivalent) are measured at 350mm.

[14] Image processing may cause a decrease in the number of pixels.