DIGITAL CAMERA	PowerShot S120
IMAGE SENSOR	
Type	1/1.7 type back-illuminated CMOS
Effective Pixels	Approx. 12.1M
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC 6 with iSAPS technology
LENS	
Focal Length	5.2 – 26.0 mm (35 mm equivalent: 24 – 120 mm)
Zoom	Optical 5x
	ZoomPlus 10x
	Digital Approx. 4x (with Digital Tele-Converter Approx. 1.5x or 2.0x and Safety Zoom [1]). Combined Approx. 20x
Maximum f/number	f/1.8-f/5.7
Construction	7 elements in 6 groups (1 double-sided aspherical lens, 1 double-sided aspherical UA lens and 1 single-sided aspherical lens)
Image Stabilisation	Yes (lens shift-type), approx. 3-stop [13]. Intelligent IS with 5-axis Enhanced Dynamic IS
FOCUSING	
Type	TTL
AF System/ Points	AiAF (9-point, Face Detection or Touch AF with Object and Face Select and Track), 1-point AF (any position is available or fixed centre)
AF Modes	Single, Continuous, Servo AF/AE[6], Touch AF
AF Point Selection	Size (Normal, Small)
AF Lock	On/Off Selectable
AF Assist Beam	Yes
Manual Focus	Yes, plus MF Peaking
Focus Bracketing	Yes
Closest Focusing Distance	3 cm (W) from front of lens in macro
EXPOSURE CONTROL	
Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or Touch AF frame)
AE Lock	Yes
Exposure Compensation	+/- 3 EV in 1/3 stop increments
	Manual and automatic dynamic range correction
	Automatic shadow correction
	ND Filter (3 stop)
AEB	1/3 – 2 EV in 1/3 stop increments
ISO sensitivity	AUTO, 80, 100, 125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800
SHUTTER	
Speed	1 – 1/2500 sec. (factory default)
	250 – 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, Flash, Underwater, Custom 1, Custom 2
	Multi-area WB correction available in Smart Auto
	White Balance Compensation
	White Balance Compensation in Underwater mode
COLOUR MATRIX	
Type	sRGB
LCD MONITOR	
Monitor	7.5 cm (3.0") PureColor II G Touch screen LCD (TFT). Approx. 922,000 dots. Capacitive type
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
	Second Curtain Synchronisation	Yes
	Built-in Flash Range	50 cm – 5.0 m (W) / 50 cm – 2.3 m (T)
	External Flash	Canon High Power Flash HF-DC2

SHOOTING

	Modes	Smart Auto (58 scenes detected), Hybrid Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, SCN (Portrait, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), Star (Star Nightscape, Star Trails, Star Time-Lapse Movie), Handheld Night Scene, Underwater, Snow, Fireworks), Creative Filters (High Dynamic Range, Nostalgic, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Background Defocus, Soft Focus, Monochrome, Super Vivid, Poster Effect), Movie
	Modes in Movie	Smart Auto (21 scenes detected), Standard, Program AE, Portrait, Nostalgic, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Underwater, Snow, Fireworks, Super Slow Motion Movie
	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, Auto Drive, Continuous, Continuous with AF, Self-Timer
	Continuous Shooting	Approx. 12.1 shots/sec for up to 5 frames then approx. 9.4 shots/sec for 635 frames [12] with AF: Approx. 5.5 shots/sec [3][4] with Live View: Approx. 5.6 shots/sec [3][4]

RECORDING PIXELS / COMPRESSION

	Image Size	4:3 - (RAW, L) 4000 x 3000, (M1) 2816 x 2112, (M2) 1600 x 1200, (S) 640 x 480 16:9 - (RAW, L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (RAW, L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (RAW, L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 4:5 - (RAW, L) 2400 x 3000, (M1) 1696 x 2112, (M2) 960 x 1200, (S) 384 x 480 Resize in playback (M2, S)
	Compression	RAW, Superfine, Fine
	Movies	(Full HD) 1920 x 1080, 60fps/30fps (HD) 1280 x 720, 30fps, (L) 640 x 480, 30fps Star Time-Lapse Movie (Full HD) 15fps Super Slow Motion Movie (L) 640 x 480, 120fps, (M) 320 x 240, 240fps Miniature Effect (HD, L) 6fps, 3fps, 1.5fps Hybrid Auto (HD)
	Movie Length	(Full HD & HD) Up to 4 GB or 29 min. 59 sec. [7] (L and M) Up to 4 GB or 1 hour [4] (Super Slow Motion Movie) 30 sec. (Star Time-Lapse Movie) 8/6/4 sec

FILE TYPES

	Still Image Type	JPEG compression (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system and DPOF ver. 1.1 compliant), RAW, RAW+JPEG

	Movies	MP4 [Video: MPEG4-AVC (H.264), Audio: MPEG2 AAC-LC (stereo)]
DIRECT PRINT		
	Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge
	PictBridge	Yes (via USB or Wireless LAN)
OTHER FEATURES		
	GPS	GPS via mobile (linked to compatible smartphone)
	Red-Eye Correction	Yes, during shooting and playback
	My Category	Image tagging feature
	Intelligent Orientation Sensor	Yes
	Histogram	Yes, live histogram
	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
INTERFACE		
	Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
	Other	HDMI Mini Connector (HDMI-CEC compatible) A/V output (PAL/NTSC)
	Computer/Other	Wireless LAN (IEEE802.11 b/g/n), (2.4 GHz only) [11]
MEMORY CARD		
	Type	SD, SDHC, SDXC (UHS Speed Class 1 compatible)
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 8/7 SP1/ Vista SP2/ XP SP3 Mac OS X v10.6 – 10.8 For Wireless LAN connection to a PC: Windows 8/7 SP1 Mac OS X v10.6.8/10.7/10.8.2 or later
SOFTWARE		
	Browsing & Printing	ImageBrowser EX
	Other	Map Utility
	Image Manipulation	Digital Photo Professional for RAW development
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-6LH (NB-6LH battery and charger supplied)
	Battery life	Approx. 230 shots Eco mode approx. 300 shots Approx. 240 min. playback
	A/C Power Supply	Optional, AC Adapter Kit ACK-DC40
ACCESSORIES		
	Cases / Straps	Soft Case DCC-1920 Travel Case DCC-2500
	Waterproof / Weatherproof Case	Waterproof Case (40m) WP-DC51, Waterproof Case Weight WW-DC1
	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, interface cable IFC-400PCU
PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 ºC, 10 – 90% humidity
	Dimensions (WxHxD)	100.2 x 59.0 x 29.0 mm
	Weight	Approx. 217 g (including battery/batteries 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.

[11] Wi-Fi use may be restricted in certain countries or regions. Wi-Fi support varies by device and region. For more information visit www.canon-europe.com/wirelesscompacts

[12] Sustained continuous shooting function requires compatible SDHC/SDXC UHS Speed Class 1 memory card, total number of frames captured varies depending on shooting subject.

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