

CAMERA	PowerShot SX280 HS
IMAGE SENSOR	
Type	1/2.3 type back-illuminated CMOS
Effective Pixels	Approx. 12.1M
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC 6
LENS	
Focal Length	4.5 – 90.0 mm (35 mm equivalent: 25 – 500 mm)
Zoom	Optical 20x ZoomPlus 40x Digital Approx. 4.0x (with Digital Tele-Converter Approx. 1.5x or 2.0x and Safety Zoom[1]). Combined Approx. 80x
Maximum f/number	f/3.5 – f/6.8
Construction	12 elements in 10 groups (1 UD lens, 2 double-sided aspherical lens)
Image Stabilisation	Yes (lens shift-type), 3.5-stop (Canon standard). Intelligent IS
FOCUSING	
Type	TTL
AF System/ Points	Face Detection, 1-point AF (fixed to centre)
AF Modes	Single, Continuous, Servo AF/AE[10], Tracking AF, Underwater Macro, Quick
AF Point Selection	Size (Normal, Small)
AF Lock	On/Off Selectable
AF Assist Beam	Yes
Manual Focus	Yes
Closest Focusing Distance	5 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	On/Off Selectable
Exposure Compensation	+/- 2 EV in 1/3 stop increments. Enhanced i-Contrast for automatic dynamic range correction
ISO sensitivity [3]	AUTO, 80, 100, 200, 400, 800, 1600, 3200, 6400
SHUTTER	
Speed	1 – 1/3200 sec. (factory default) 15 – 1/3200 sec. (total range – varies by shooting mode)
WHITE BALANCE	
Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater, Custom. White Balance Compensation (Underwater mode)
LCD MONITOR	
Monitor	7.5 cm (3.0”) PureColor II G (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 – 3.5 m (W) / 1.0 m – 2.0 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, Live View Control, Sports, SCN (Portrait, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst HQ, Handheld Night Scene, Underwater, Snow, Fireworks), Creative Filters (Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Soft Focus, Super Vivid, Poster Effect), Discreet, Movie
Modes in Movie	Smart Auto (21 scenes detected), P, Portrait, 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. 3.8 shots/sec., AF: Approx. 5.1 shots/sec., up to 7 shots, LV: Approx. 1.0 shots/sec., High-speed Burst HQ: Approx. 14.0 shots/sec., up to 7 shots[6] [7]
RECORDING PIXELS / COMPRESSION	
Image Size	4:3 - (L) 4000 x 3000, (M1) 2816 x 2112, (M2) 1600 x 1200, (S) 640 x 480 16:9 - (L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 Resize in playback (M2, S)
Compression	Superfine, Fine
Movies	(Full HD) 1920 x 1080, 60 fps, 30fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps Super Slow Motion Movie (L) 640 x 480, 120fps, (M) 320 x 240, 240fps Miniature Effect (HD, L) 6fps, 3fps, 1.5 fps Movie Digest (HD) 30fps
Movie Length	(Full HD & HD) Up to 4 GB or 29 min. 59 sec. [11] (L) Up to 4 GB or 1 hour [7] (Super Slow Motion Movie) 30 sec.
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	MP4 [Video: MPEG4-AVC (H.264), Audio: MPEG2 AAC-LC (stereo)]
GPS Log	LOG [NMEA 0183 message format compliant [13]]
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 (via USB or Wireless LAN)
OTHER FEATURES	
GPS	Yes[14]. A-GPS (Assisted GPS) supported. GPS tagging, GPS Logger, automatic time update
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, 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	Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only) [15]
MEMORY CARD	
Type	SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows 8 / 7 SP1 / Vista SP2 / XP SP3 Mac OS X v10.6 – 10.8 For Wi-Fi connection to a PC: Windows 8 / 7 SP1 Mac OS X v10.6.8 / v10.7 / v10.8.2 or later
SOFTWARE	
Browsing & Printing	ImageBrowser EX
Other	PhotoStitch, Map Utility
POWER SOURCE	
Batteries	Rechargeable Li-ion Battery NB-6L (battery and charger supplied)
Battery life	Approx. 210 shots [8] (Measured with GPS features off) Eco mode: 260 shots [8] Approx. 210 min. playback More than 48 hours using only GPS Logger
A/C Power Supply	Optional, AC Adapter Kit ACK-DC40
ACCESSORIES	
Cases / Straps	Soft Case DCC-1500 Soft Case DCC-1550
Waterproof / Weatherproof Case	Waterproof Case (40m) WP-DC49 Waterproof Case Weight WW-DC1
Flash	High Power Flash HF-DC2
Power Supply & Battery Chargers	AC Adapter Kit ACK-DC40, Battery Charger CB-2LYE
Other	Canon HDMI Cable HTC-100
PHYSICAL SPECIFICATIONS	
Operating Environment	0 – 40 °C, 10 – 90% humidity

Dimensions (WxHxD)	106.4 x 62.8 x 32.6 mm
Weight	Approx. 233 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] 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.

[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.

[10] Some settings limit availability.

[11] 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] Complies with the NMEA (National Marine Electronics Association of the U.S.) 0183

[14] GPS use may be restricted in certain countries or regions. Use of GPS should comply with the laws and regulations of the country and area in which it is being operated including any restriction on the use of electronics.

[15] 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