

<b>PowerShot SX430 IS</b>	
<b>IMAGE SENSOR</b>	
Type	1/2.3 type CCD
Effective Pixels	Approx. 20.0M [14]
Effective / Total Pixels	Approx. 20.5M
<b>IMAGE PROCESSOR</b>	
Type	DIGIC 4+
<b>LENS</b>	
Focal Length	4.3 – 193.5 mm (35 mm equivalent: 24 – 1080 mm)
Zoom	Optical 45x ZoomPlus 90x Digital approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x [1]). Combined approx. 180x
Maximum f/number	f/3.5 - f/6.8
Construction	12 elements in 11 groups (3 UD lenses, 2 double-sided aspherical lenses, 1 single-sided aspherical lens)
Image Stabilisation	Yes (lens shift-type), approx. 2.5-stop [13]. Intelligent IS plus Enhanced Dynamic IS
<b>FOCUSING</b>	
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 Assist Beam	Yes
Closest Focusing Distance	0 cm (W) from front of lens in Macro
<b>EXPOSURE CONTROL</b>	
Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (Centre)
Exposure Compensation	+/- 2 EV in 1/3 stop increments i-Contrast for automatic dynamic range correction
ISO sensitivity	AUTO, 100, 200, 400, 800, 1600  AUTO ISO: 100 - 800
<b>SHUTTER</b>	
Speed	1 – 1/4000 s (Auto Mode) 15 – 1/4000 s (total range – varies by shooting mode)
<b>WHITE BALANCE</b>	
Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Cloudy, Light bulb, Fluorescent, Fluorescent H, Custom.
<b>LCD MONITOR</b>	
Monitor	7.5 cm (3.0") TFT, approx. 230,000 dots
Coverage	Approx. 100%
Brightness	Adjustable to one of five levels. Quick-bright LCD available via holding INFO Button
<b>FLASH</b>	
Modes	Auto, Manual Flash On / Off, Slow Synchro
Slow Sync Speed	Yes. Fastest speed 1/2000 s
Red-Eye Reduction	Yes
Flash Exposure Compensation	Face Detection FE
Built-in Flash Range	50 cm – 5.0 m (W) / 1.3 m – 2.7 m (T)
External Flash	Canon High Power Flash HF-DC2
<b>SHOOTING</b>	
Modes	Smart Auto (32 scenes detected), Program AE, Live View Control, Portrait, Face Self-Timer, Low Light (5.0MP), Monochrome, Fish-eye Effect, Toy Camera Effect, Miniature Effect, Super Vivid, Poster Effect, Fireworks, Long Shutter
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. 0.5 shots/s  Low Light Mode (5.0 MP): Approx. 2.2 shots/s (all speeds are until memory card becomes full) [3] [4]
<b>RECORDING PIXELS / COMPRESSION</b>	
Image Size	4:3 - (L) 5152 x 3864, (M) 2560 x 1920, (M1) 3648 x 2736, (M2) 2048 x 1536, (S) 640 x 480 16:9 - (L) 5152 x 2896, (M1) 3648 x 2048, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (L) 5152 x 3432, (M1) 3648 x 2432, (M2) 2048 x 1368, (S) 640 x 424 1:1 - (L) 3856 x 3856, (M1) 2736 x 2736, (M2) 1536 x 1536, (S) 480 x 480
Compression	Resize in playback (M2) Superfine, Fine
Movies	(HD) 1280 x 720, 25 fps (L) 640 x 480, 29.97 fps
Movie Length	(HD) Up to 4 GB or 29 min 59 s [7] (L) Up to 4 GB or 1 hour [4]
<b>FILE TYPES</b>	
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: MPEG4 AAC-LC (monaural)]

OTHER FEATURES	
GPS	GPS via mobile (via Canon Camera Connect app with compatible smart devices)
Red-Eye Correction	Yes, during shooting and playback
Intelligent Orientation Sensor	Yes, with Auto Rotate
Histogram	Yes, during playback
Playback zoom	Approx. 2x – 10x
Self Timer	Approx. 2, 10 s 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, Hebrew
INTERFACE	
Computer	Hi-Speed USB composite connector (Mini-B compatible)
Other	A/V output, composite connector (PAL/NTSC)
Computer/Other	Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only), with Dynamic NFC support [11]
MEMORY CARD	
Type	SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows 10 / 8.1 / 8 / 7 SP1 [18] Mac OS X 10.9 / 10.10 / 10.11 / 10.12
	For Wi-Fi connection to a PC: Windows 10 / 8.1 / 8 / 7 SP1 Mac OS X 10.9 / 10.10
	For Image Transfer Utility: Windows 10 / 8.1 / 8 / 7 SP1 Mac OS X 10.9 / 10.10 / 10.11 / 10.12
SOFTWARE	
Other	CameraWindow DC Map Utility Image Transfer Utility
	Camera Connect app available on iOS and Android devices
POWER SOURCE	
Batteries	Rechargeable Li-ion Battery NB-11LH (Battery and charger supplied)
Battery life	Approx. 195 shots Eco mode approx. 260 shots Approx. 300 min playback
ACCESSORIES	
Cases / Straps	Soft Case DCC-950 PowerShot Accessory Organizer
Flash	Canon High Power Flash HF-DC2
Power Supply & Battery	Battery Charger CB-2LFE
Chargers	Rechargeable Li-ion Battery NB-11LH
Other	Canon AV cable AVC-DC400 Interface Cable IFC-400PCU
PHYSICAL SPECIFICATIONS	
Operating Environment	0 – 40 °C, 10 – 90% humidity
Dimensions (WxHxD)	104.4 x 69.1 x 85.1 mm
Weight	Approx. 323 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

[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](http://www.canon-europe.com/wirelesscompacts)

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

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

[18] Software applications compatible with Windows 10 in Windows 10 Desktop Mode only