

# PowerShot SX430 IS

ZOOM INTO THESE SPECIAL MOMENTS



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**Canon**

# TECHNICAL SPECIFICATIONS

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<b>IMAGE SENSOR</b>	
Type	1/2.3 type CCD
Effective Pixels	Approx. 20.0M [14]
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	AI AF (Face Detection / 9-point), 1-point AF (fixed to center)
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), Center-weighted average, Spot (Center)
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 sec. (factory default) 15 – 1/4000 sec. (total range – varies by shooting mode)
<b>WHITE BALANCE</b>	
Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, 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 sec.
Red-Eye Reduction	Yes
Flash Exposure Compensation	Face Detection FE, Smart Flash Exposure
Flash Exposure Lock	Yes
Built-in Flash Range	50 cm – 5.0 m (W) / 1.4 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), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Snow, 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  Resize in playback (M2)
Compression	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 sec [7]
<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)]
<b>OTHER FEATURES</b>	
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
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
<b>INTERFACE</b>	
Computer	Hi-Speed USB (MTP, PTP) DIGITAL connector
Other	A/V output (PAL/NTSC)  Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only), with Dynamic NFC support [11]
<b>MEMORY CARD</b>	
Type	SD, SDHC, SDXC

For more information visit  
[canon.com.au](http://canon.com.au)  
[canon.co.nz](http://canon.co.nz)

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<b>SUPPORTED OPERATING SYSTEM</b>	
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
<b>SOFTWARE</b>	
Other	CameraWindowDC Map Utility Image Transfer Utility  Camera Connect app available on iOS and Android devices
<b>POWER SOURCE</b>	
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
<b>ACCESSORIES</b>	
Cases / Straps	Soft Case DCC-950 PowerShot Accessory Organizer
Flash	Canon High Power Flash HF-DC2
Power Supply & Battery Chargers	Battery Charger CB-2LFE Rechargeable Li-Ion Battery NB-11LH
Other	Canon AV cable AVC-DC400 Interface Cable IFC-400PCU
<b>PHYSICAL SPECIFICATIONS</b>	
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.

[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



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