

PowerShot SX430 IS

ZOOM INTO THESE SPECIAL MOMENTS



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Canon

TECHNICAL SPECIFICATIONS

PowerShot SX430 IS

| | |
|-----------------------------|---|
| IMAGE SENSOR | |
| Type | 1/2.3 type CCD |
| Effective Pixels | Approx. 20.0M [14] |
| Total Pixels | Approx. 20.5M |
| IMAGE PROCESSOR | |
| Type | DIGIC 4+ |
| LENS | |
| 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 |
| FOCUSING | |
| 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 |
| EXPOSURE CONTROL | |
| 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 |
| SHUTTER | |
| Speed | 1 – 1/4000 sec. (factory default) 15 – 1/4000 sec. (total range – varies by shooting mode) |
| WHITE BALANCE | |
| Type | TTL |
| Settings | Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom. |
| LCD MONITOR | |
| 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 |
| 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 | 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 |

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| SHOOTING | |
| 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] |
| RECORDING PIXELS / COMPRESSION | |
| 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] |
| 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: 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 |
| 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 | A/V output (PAL/NTSC) Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only), with Dynamic NFC support [11] |
| MEMORY CARD | |
| Type | SD, SDHC, SDXC |

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| 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 | CameraWindowDC 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 Chargers | Battery Charger CB-2LFE 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.

[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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