

| DIGITAL CAMERA | | PowerShot SX400 IS |
|-------------------------|---------------------------|---|
| IMAGE SENSOR | | |
| | Type | 1/2.3 type CCD |
| | Effective Pixels | Approx. 16.0M [14] |
| | Total Pixels | Approx. 16.6M |
| | Colour Filter Type | Primary Colour |
| IMAGE PROCESSOR | | |
| | Type | DIGIC 4+ with iSAPS technology |
| LENS | | |
| | Focal Length | 4.3 – 129.0 mm (35 mm equivalent: 24 – 720 mm) |
| | Zoom | Optical 30x ZoomPlus 60x Digital Approx. 4x (with Digital Tele-Converter Approx. 1.6x or 2.0x [1]). Combined Approx. 120x |
| | Maximum f/number | f/3.4 - f/5.8 |
| | Construction | 13 elements in 10 groups (1 UD lens, 1 double-sided aspherical lens) |
| | Image Stabilisation | Yes (lens shift-type), Approx. 2.5-stop [13]. Intelligent IS with 4-axis Enhanced Dynamic IS |
| FOCUSING | | |
| | 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 Lock | On/Off Selectable |
| | 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), Centre-weighted average, Spot (Centre) |
| | AE Lock | Yes |
| | Exposure Compensation | +/- 2 EV in 1/3 stop increments. Enhanced i-Contrast for automatic dynamic range correction |
| | ISO sensitivity | AUTO, 100, 200, 400, 800, 1600 |
| SHUTTER | | |
| | Speed | 1 – 1/1600 sec. (factory default) 15 – 1/1600 sec. (total range – varies by shooting mode) |
| WHITE BALANCE | | |
| | Type | TTL |
| | Settings | Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom |
| COLOUR MATRIX | | |
| | Type | sRGB |
| 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 |

| FLASH | | |
|--------------------------------|-----------------------------|---|
| | Modes | Auto, Manual Flash On / Off, Slow Synchro |
| | Slow Sync Speed | Fastest speed 1/1600 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 – 3.0 m (T) |
| | External Flash | Canon High Power Flash HF-DC2 |
| SHOOTING | | |
| | Modes | Smart Auto (32 scenes detected), Program AE, Live View Control, Portrait, Face Self-Timer, Low Light (4.0MP), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks, Long Shutter, Movie |
| | Modes in Movie | Smart Auto (21 scenes detected), Program AE, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks |
| | 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. 0.8 shots/sec (until memory card becomes full) [3] [4] |
| RECORDING PIXELS / COMPRESSION | | |
| | Image Size | 4:3 - (L) 4608 x 3456, (M1) 3264 x 2448, (M2) 2048 x 1536, (S) 640 x 480 16:9 - (L) 4608 x 2592, (M1) 3264 x 1832, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (L) 4608 x 3072, (M1) 3264 x 2176, (M2) 2048 x 1368, (S) 640 x 424 1:1 - (L) 3456 x 3456, (M1) 2448 x 2448, (M2) 1536 x 1536, (S) 480 x 480 Resize in playback (M2, S) |
| | Compression | Superfine, Fine |
| | Movies | (HD) 1280 x 720, 25 fps, (L) 640 x 480, 30 fps Miniature Effect (HD) 5fps, 2.5fps, 1.25 fps, (L) 6fps, 3fps, 1.5fps |
| | Movie Length | (HD) Up to 4 GB or 29 min. 59 sec. (L) Up to 4 GB or 1 hour [4] |
| 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 | MOV [Video: MPEG4-AVC (H.264), Audio: Linear PCM (monaural)] |
| DIRECT PRINT | | |
| | Canon Printers | Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge |
| | PictBridge | Yes |

| OTHER FEATURES | | |
|----------------------------|---------------------------------|---|
| | 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, Hebrew |
| INTERFACE | | |
| | Computer | Hi-Speed USB (MTP, PTP) DIGITAL connector |
| | Other | A/V output (PAL/NTSC) |
| MEMORY CARD | | |
| | Type | SD, SDHC, SDXC |
| SUPPORTED OPERATING SYSTEM | | |
| | PC & Macintosh | Windows 8 / 8.1 / 7 SP1 Mac OS X 10.8 / 10.9 |
| SOFTWARE | | |
| | Browsing & Printing | ImageBrowser EX |
| | Other | CameraWindow PhotoStitch |
| POWER SOURCE | | |
| | Batteries | Rechargeable Li-ion Battery NB-11LH (battery and charger supplied) |
| | Battery life | Approx. 190 shots Eco Mode: Approx. 260 shots Approx. 300 min. playback |
| | A/C Power Supply | Optional, AC Adapter Kit ACK-DC90 |
| ACCESSORIES | | |
| | Cases / Straps | Soft Case DCC-950 |
| | Flash | Canon High Power Flash HF-DC2 |
| | Power Supply & Battery Chargers | AC Adapter Kit ACK-DC90, Battery Charger CB-2LFE |
| | 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 80.1 mm |
| | Weight | Approx. 313 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.

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

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