PowerShot SX410 IS

CAPTURE SPECIAL MOMENTS FROM A DISTANCE WITH 40x ZOOM

The PowerShot SX410 IS gives you the power to capture amazing images & movies from a distance with its 40x zoom and 80x ZoomPlus premium Canon lens. With outstanding optical quality, fast responsive photographic controls, a design you can take anywhere, the SX410 IS is the ideal camera for budding travellers on the go.

Premium Quality Images
The combination of a 20.0 Megapixel CCD sensor & DIG!C 4+ imaging processor, delivers sharp, clear images - even in low light.

40x Optical Zoom
The 40x optical zoom and 24mm wide-angle lens allows you to get closer to your subject, shooting beautiful landscapes or capturing group shots.

Creative Versatility
Innovative features like Smart Auto with 32 inbuilt scenes as well as filters such as toy camera and fish eye effect offer new twists to your creative vision.

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40x OPTICAL ZOOM

ECO Mode

INTELLIGENT **IS**

Capture quality images from a far distance with a 40x optical zoom

Eco mode allows you to conserve battery power when the camera is not in use

Intelligent Image Stabilization technology for sharp images every time

Smart **AUTO** **32** SCENES

DIG!C 4+

HD MOVIE

Let the camera do the heavy lifting for you, with 32 pre set and pre configured shooting modes to ensure you get the best shot every time

DIG!C 4+ is one of Canon's advanced imaging processor, delivering stunning quality, seamless performance and intuitive operation.

Bring your memories to life as you experience videos on HD quality

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40× OPTICAL ZOOM

The 24mm wide angle allows you to capture more in your frame. Together with the reach of 960mm equivalent at the telephoto end, the SX410 IS is the perfect travel camera.

20.0 MEGA PIXELS
CCD

A large 20.0 Megapixel CCD sensor enables incredible image quality even in low light situations.

DiG!C 4+

Powerful and innovative, DIG!C 4+ is one of Canon's most advanced imaging processors to date. It commands cutting-edge technology to deliver stunning quality, seamless performance and intuitive operation.

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IMAGE SENSOR	
Type	1/2.3 type CCD
Effective Pixels	Approx. 20.0M [14]
Total Pixels	Approx. 20.5M
Colour Filter Type	Primary Colour

IMAGE PROCESSOR	
Type	DIGIC 4+ with iSAPS technology

LENS	
Focal Length	4.3 – 172 mm (35 mm equivalent: 24 – 960 mm)
Zoom	Optical 40x ZoomPlus 80x Digital Approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x [1]). Combined approx. 160x
Maximum f/number	f/3.5 - f/6.3
Construction	12 elements in 11 groups (1 UD lens, 2 double-sided aspherical lenses, 1 single-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	Yes
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 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

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	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

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
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. 0.5 shots/sec (until memory card becomes full) [3] [4]

RECORDING PIXELS / COMPRESSION	
Image Size	4:3 - (L) 5152 x 3864, (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, 30 fps Miniature Effect (HD) 5 fps, 2.5 fps, 1.25 fps, (L) 6 fps, 3 fps, 1.5 fps
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)]

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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., 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	
Other	CameraWindow DC

POWER SOURCE	
Batteries	Rechargeable Li-ion Battery NB-11LH (battery and charger supplied)
Battery life	Approx. 185 shots Eco Mode: Approx. 245 shots Approx. 240 min. playback
A/C Power Supply	Optional, AC Adapter Kit ACK-DC90

ACCESSORIES	
Cases / Straps	Soft Case DCC-950 PowerShot Accessory Organizer
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 85.1 mm
Weight	Approx. 325 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 350 mm (35 mm equivalent) are measured at 350 mm.

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

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