



PowerShot SX100 IS

Type of Camera

Type of Camera Compact digital still camera with built-in flash, 10x Optical/4x Digital/40x Combined Zoom with Optical Image Stabilizer System

Image Capture Device

Type 8.0 Megapixel, 1/ 2.5 inch type Charge Coupled Device (CCD)
Total Pixels Approx. 8.3 Megapixels
Effective Pixels Approx. 8.0 Megapixels

Lens

Focal Length 6.0-60mm f/2.8-4.3 (35mm film equivalent: 36-360mm)
Digital Zoom 4x
Focusing Range Normal: 1.6 ft./50cm-infinity (W), 3.3 ft./1m-infinity (T)
Macro: 0.39 in.-1.6 ft./1-50cm (W)
Autofocus System TTL Autofocus

Viewfinder & Monitor

LCD Monitor 2.5 inch low-temperature polycrystalline silicon TFT color LCD with wide viewing angle
LCD Pixels Approx. 172,000 pixels
LCD Coverage 100%

Aperture and Shutter

Maximum Aperture f/2.8 (W) - f/4.3 (T)
Shutter Speed 15-1/2500 sec. (settable in Tv and M)

Exposure Control

ISO Sensitivity Auto, High ISO Auto, ISO 80/100/200/400/800/1600 equivalent (Standard Output Sensitivity. Recommended Exposure Index)

Light Metering Method Evaluative*, Center-weighted average, Spot**

* Control to incorporate facial brightness in Face Detection AF
** Metering frame is fixed to the center

Exposure Control Method Program AE, Manual; AE Lock, Safety Shift, Auto ISO Shift

Exposure Compensation +/-2 stops in 1/3-stop increments

White Balance

White Balance Control Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom

Flash

Built-in Flash Auto, Auto w/ Red-eye Reduction, Flash On, Flash On w/ Red-eye Reduction, Flash Off; FE lock, Safety FE, Slow Synchro

Flash Range 1.6-9.8 ft./50cm-3.0m (W), 1.6-6.6 ft./50cm-2.0m (T) (when sensitivity is set to ISO Auto)

Recycling Time 12 sec. or less (battery voltage=3.0V)

Flash Exposure Compensation +/-2 stops in 1/3-stop increments

Shooting Specifications

Shooting Modes Auto, P, Av, Tv, M, Portrait, Landscape, Special Scene (Foliage, Snow, Beach, Fireworks, Aquarium, Indoor, Night Scene), Kids & Pets, Night Snapshot, Stitch Assist, Movie

Photo Effects **My Colors**
Vivid, Neutral, Sepia, Black & White, Custom

Self-Timer Activates shutter after an approx. 2-sec./10-sec. delay, Custom

Wireless Control Not available

Continuous Shooting Normal: approx. 1.3 fps; AF: approx. 0.8 fps; LV: approx. 0.8 fps (Large/Fine)

Image Storage

Storage Media SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card

File Format Design rule for camera file system, DPOF Version 1.1

Image Compression Normal, Fine, SuperFine

JPEG Compression Mode Still Image: Exif 2.2 (JPEG)
Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))

Number of Recording Pixels Still Image: 3,264 x 2,448 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small), 3,264 x 1,832 (Widescreen)
Movie: 640 x 480 (30 fps/30 fps LP), 320 x 240 (30 fps) available up to 4GB or 60 minutes, 160 x 120 (3 minutes at 15 fps)

Number of Recordable Images

	Large (L)	Medium 1 (M1)	Medium 2 (M2)
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	SF	F	N	SF	F	N	SF	F	N
File Size (KB)	3,436	2,060	980	2,503	1,395	695	1,602	893	445
16MB	3	6	13	5	9	19	8	15	30
SDC-128M	35	59	123	49	87	173	76	136	269
SDC-512MSH	139	231	479	190	339	671	295	529	1,041

	Medium 3 (M3)			Small (S)			Widescreen (W)		
	SF	F	N	SF	F	N	SF	F	N
File Size (KB)	1,002	558	278	249	150	84	2,601	1,540	736
16MB	13	24	47	52	81	128	5	8	18
SDC-128M	121	217	411	460	711	1,118	47	79	166

Time of Recordable Movies

	Standard, Color Accent, Color Swap			Compact
	640 x 480		320 x 240	160 x 120
	30 fps	30 fps LP	30 fps	15 fps
Movie size (KB/sec.)	1,920	960	660	120
16MB	6"	14"	20"	1' 40"
SDC-128M	1' 04"	2' 07"	3' 01"	14' 29"
SDC-512MSH	4' 09"	8' 14"	11' 42"	55' 57"

Note: N=Normal F=Fine SF=SuperFine

Storage Capacity varies depending on camera settings. This data is estimated from Canon's standard shooting conditions. Figures for Movie Mode represent total capacity of the particular media.

Playback Specifications

Playback Modes File Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, Histogram, Index (9 thumbnails), Sound Memos, Red-eye Correction, RAW playback, Resize, Image Inspection Tool
 Movie: Normal Playback, Special Playback

Erasing Specifications

Erase Modes Still Image: single image, all images
 Movie: part of movie, all of movie

Interfaces

Computer Interface USB 2.0 Hi-Speed (mini-B jack)
 Video Out NTSC/PAL
 Audio Out Monaural
 Other Memory card slot; direct connection to Canon CP and SELPHY Compact Photo Printers, PIXMA Photo Printers and PictBridge-compatible printers via camera's USB 2.0 Hi-Speed cable

Power Supply

Power Source 1. AA-size Alkaline Battery (x2)
 2. Rechargeable AA-size Ni-MH Battery (x2)
 3. AC Adapter Kit ACK800 (optional)

Shooting Capacity Still Image: approx. 140 shots (AA-size Alkaline Battery), approx. 400 shots (AA-size

Ni-MH Battery) *
Playback Time Approx. 420 min. (AA-size Alkaline Battery), approx. 600 min. (AA-size Ni-MH Battery)

* LCD screen on. The above figures comply with CIPA testing standards and apply when fully-charged batteries are used.

Physical Specifications

Operating Temperature 32-104°F/0-40°C
Operating Humidity 10-90%
Dimensions (WxHxD) 4.28 x 2.81 x 1.84 in. / 108.7 x 71.4 x 46.7mm
Weight Approx. 9.35 oz. / 265g (camera body only)

What's in the Box

- PowerShot SX100 IS Body
- AA-size Alkaline Battery (x2)
- SD Memory Card SDC-16M
- Wrist Strap WS-200
- Digital Camera Solution CD-ROM
- USB Interface Cable IFC-400PCU
- AV Cable AVC-DC300

