

Specifications - PowerShot SX530 HS

Type

Compact digital still camera with built-in flash, 50x Optical, 4x Digital and 200x Combined Zoom with Optical Image Stabilizer

Image Capture Device

Type

16.0 Megapixel, 1/2.3-inch CMOS

Total Pixels

Approx. 16.8 Megapixels

Effective Pixels

Approx. 16.0 Megapixels*

*Image processing may cause a decrease in the number of pixels.

Lens

Focal Length

4.3 (W) - 215.0 (T) mm (35mm film equivalent: 24-1200mm)

Optical Zoom

50x

Digital Zoom

4.0x

Focusing Range

Normal: 2.0 in. (5cm) - infinity (W), 4.3 ft. (1.3m) - infinity (T)

Auto/Manual: 0.0 in. (0cm) - infinity (W), 4.3 ft. (1.3m) - infinity (T)

Macro AF: 0.0 in. - 1.6 ft. (0-50cm) (W)

Autofocus System

TTL Autofocus, Manual Focus

Viewfinders

Optical Viewfinder

Not available

LCD Monitor

3.0-inch TFT Color LCD with wide viewing angle (4:3)

LCD Pixels

Approx. 461,000 dots

LCD Coverage

Approx. 100%

Aperture and Shutter

Maximum Aperture

f/3.4 (W), f/6.5 (T)

Shutter Speed

1-1/2000 sec.

15-1/2000 sec. (in Tv and M modes)

Exposure Control**Sensitivity**

Auto, ISO 100-3200

Light Metering Method

Evaluative, Center-weighted average, Spot

Exposure Control Method

Manual Exposure, Program Shift, Safety Shift, AE Lock

Exposure Compensation

Still Images: ± 2 stops in 1/3-stop increments

Videos: ± 2 stops in 1/3-stop increments (not available during shooting)

White Balance**White Balance Control**

Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom

Flash**Built-in Flash**

Auto, Flash On, Slow Synchro, Flash Off

Flash Range

1.6 ft.- 18 ft. (W), 4.3 - 9.8 ft. (T) (50cm - 5.5m (W), (1.3m - 3.0m (T))

Recycling Time

10 sec. or less (battery voltage: 3.7 V)

Flash Exposure Compensation

± 2 stops in 1/3-stop increments

Shooting Specifications**Shooting Modes**

M, Av, Tv, P, Live View Control, Hybrid Auto, Auto, Creative Shot¹, Portrait, Smart Shutter², High-Speed Burst, Low Light, Snow, Fireworks, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Standard Movie

¹Auto, Retro, Monochrome, Special and Natural effects

²Smile, Wink Self-timer, Face Self-timer

- Shooting movies is possible with the movie button

Photo Effects

My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color

Self Timer

Off / 2 sec. / 10 sec. / Custom

Wireless Control

Wi-Fi™ and NFC

Continuous Shooting

Normal: Approx. 1.6 shots/sec. (in P mode)

Normal: Approx. 10 shots/sec. (in High-speed Burst mode)

- Under conditions where the flash does not fire automatically.
- Differs depending on the zoom position.

Image Storage

Storage Media

SD Memory Card, SDHC Memory Card, SDXC Memory Card

File Format

Design rule for Camera File system, DPOF (Version 1.1) compliant

Image Recording Format

Superfine / Fine

JPEG Compression Mode

Still Image: Exif. 2.3 (JPEG)

Video: MP4 (Image: MPEG-4 AVC/H.264; Audio: MPEG-4 AAC-LC (Stereo))

Number of Recording Pixels

Still Images:

1) 16:9 - Large: 4608 x 2592; Medium 1: 3264 x 1832; Medium 2: 1920 x 1080; Small: 640 x 360

2) 3:2 - Large: 4608 x 3072; Medium 1: 3264 x 2176; Medium 2: 2048 x 1368; Small: 640 x 424

3) 4:3 - Large: 4608 x 3456; Medium 1: 3264 x 2448; Medium 2: 2048 x 1536; Small: 640 x 480

4) 1:1 - Large: 3456 x 3456; Medium 1: 2448 x 2448; Medium 2: 1536 x 1536; Small: 480 x 480

*2304 x 1728 (M) when in High-speed Burst or Low Light

Videos:

Full HD 1920 x 1280: 30 fps (29.97)

HD 1280 x 720: 30 fps (29.97)

Miniature Effect HD 1280 x 720: 6 fps / 3 fps / 1.5 fps

Miniature Effect 640 x 480: 6 fps / 3 fps / 1.5 fps

640 x 480: 30 fps (29.97)

Number of Recordable Images

Image data

		16:9			3:2			4:3		
		File Size (KB)	8 GB	32 GB	File Size (KB)	8 GB	32 GB	File Size (KB)	8 GB	32 GB
Large (L1)	SF	5,788	1,349	5,446	6,654	1,174	4,742	7,365	1,058	4,272
	F	3,673	2,116	8,545	4,148	1,874	7,567	4,546	1,705	6,883
Medium 1 (M1)	SF	3,199	2,431	9,814	3,593	2,154	8,695	3,889	1,996	8,059
	F	2,141	3,611	14,578	2,335	3,318	13,396	2,513	3,069	12,391
Medium 2 (M2)	SF	1,095	6,822	27,537	1,440	5,339	21,550	1,602	4,723	19,064
	F	604	12,280	49,567	793	9,446	38,128	893	8,469	34,184
Small (S)	SF	188	35,089	141,622	221	30,703	123,919	249	27,291	110,150
	F	113	49,125	198,271	133	40,937	165,225	150	40,937	165,225

Medium* (M)	F	NA	NA	NA	NA	NA	NA	1,597	4,815	19,437
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		1:1		
		File Size (KB)	8 GB	32 GB
Large (L1)	SF	5,524	1,411	5,696
	F	34,09	2,273	9,178
Medium 1 (M1)	SF	2,941	2,640	10,659
	F	1,880	4,093	16,522
Medium 2 (M2)	SF	1,213	6,297	25,418
	F	668	11,164	45,061
Small (S)	SF	188	35,089	141,622
	F	113	49,125	198,271
Medium* (M)	F	NA	NA	NA

Note: SF=Superfine, F=Fine

* When in Low Light or High-speed Burst.

• The approximate number of images recordable on memory cards other than the above can be calculated by using the above figures as a reference and extrapolating accordingly.

Time of Recordable Movies

Movie data

	Miniature Effect					
	HD: 1280 x 720			VGA: 640 x 480		
Shooting	6 fps (5x Speed)	3 fps (10x Speed)	1.5 fps (20x Speed)	6 fps (5x Speed)	3 fps (10x Speed)	1.5 fps (20x Speed)
Playback	30 fps* ¹			30 fps* ¹		
Single Clip Approx. Recording Time* ²	29 min. 59 sec.			1 hr.		
Video Recording Bit Rate	NA			NA		
Movie Size (KB/sec.)	205	102	51	84	42	21
8GB	10 hrs. 14 min. 16 sec.	19 hrs. 44 min. 05 sec.	36 hrs. 39 min. 02. sec.	23 hrs. 42 min. 12 sec.	43 hrs. 36 min. 51 sec.	75 hrs. 11 min. 50 sec.
32GB	41 hrs. 21 min. 31 sec.	79 hrs. 43 min. 23 sec.	148 hrs. 03 min. 26 sec.	95 hrs. 45 min. 15 sec.	176 hrs. 11 min. 17 sec.	303 hrs. 46 min. 22 sec.

	Other than the Above		
	Full HD: 1920 x 1080	HD: 1280 x 720	VGA: 640 x 480
Shooting	30 fps* ¹	30 fps* ¹	30 fps* ¹
Playback			
Single Clip Approx. Recording Time* ²	29 min. 59 sec.	29 min. 59 sec.	1 hr.
Video Recording Bit Rate	Approx. 30 Mbps	Approx. 8 Mbps	Approx. 3 Mbps
Movie Size (KB/sec.)	3,742	1,056	450
8GB	34 min. 38 sec.	2 hr. 0 min. 15 sec.	4 hr. 15 min. 32 sec.
32GB	2 hrs. 19 min. 58 sec.	8 hr. 5 min. 48 sec.	17 hr. 12 min. 20 sec.

*1 Actual frame rate is 29.97 fps.

*2 Using an SD Speed Class 10 / UHS-I compatible memory card.

- Recording stops automatically once the file size reaches 4 GB or the memory card becomes full.

Playback Specifications

Playback Modes File

Stills & Videos:

Auto Rotate (Automatic vertical/horizontal detection), Image Advance (Transition Effects, Scroll Display), Rotate, Favorites, Smart Shuffle, Group Playback, Slideshow (Repeat, Interval, Effect)

Still Images: Single, Index (6-100 thumbnails), Magnification (2-10x), Information Display, Red-eye Correction, i-Contrast, Resize, My Colors, Histogram, Overexposure Warning, Cropping

Videos:

Normal Playback*¹, Skip Backward*², Previous Frame*³, Next Frame*³, Skip Forward*²

- Displays playback position and shooting timeUsing the software included with the camera (ImageBrowser EX), there are 8 levels (1/8x to 1x) of playback speed for Super Slow Motion Movies possible on a computer.

*1 Audio settings available in 5 levels

*2 Approximately 4 seconds

*3 Slow motion available

Erasing Specifications

Erase Modes

Select Image, Select Range, Select All Images

- The image data in the memory card stored with the Design rule for Camera File systems format can be erased (however, protected images cannot be erased).
- Using the Movie editing function, sections of the movie (1 sec. increments) can be deleted.

Interfaces

Video Out

NTSC/PAL (dedicated connector (female) with unified type of digital, audio and video), Mini-HDMI connector

Audio Out

Stereo (dedicated connector (female) with unified type of digital, audio and video)

Other

USB, SD memory card slot; direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers

Power Source

Battery Pack NB-6LH, Compact Power Adapter CA-DC10 (included with AC Adapter Kit ACK-DC40)

Shooting Capacity

Approx. 210 shots

Approx. 290 shots in ECO Mode

Video Recording Time: Approx. 45 min

Playback Time

Approx. 5 hours

Physical Specifications

Operating Temperature

32-104°F/0-40°C

Operating Humidity

10-90%

Dimensions (W x H x D)

4.72 x 3.22 x 3.62 in. / 120.0 x 81.7 x 91.9mm

Weight

15.6 oz. / 442g (CIPA standard)

14.7 oz. / 418g (camera body only)

* Compatible with iOS versions 6.0/6.1/7.0/7.1/8.0/8.1, Android smartphone versions 2.3.3/4.0/4.1/4.2/4.3/4.4/5.0 and Android tablet versions 4.0/4.1/4.2/4.3/4.4/5.0. Data charges may apply. With the download of the free Canon Camera Connect app. This software helps enable you to upload images to social network services. Before uploading images, please be aware that image files may contain privacy-related information such as people and places. If necessary, please delete such information. Canon does not obtain, collect or use such images or any information included in such images through this software.

**With the download of the free Canon Camera Connect app.

***Compatible with Android devices versions 4.0/4.1/4.2/4.3/4.4/5.0.

****Image processing may cause a decrease in the number of pixels.

† Prices and specifications subject to change without notice. Actual prices are determined by individual dealers and may vary.