



# PowerShot SX70 HS

## Specifications

Type of Camera	
Type	Compact digital still camera with built-in flash, 65x Optical, 4x Digital and 260x Combined Zoom with Optical Image Stabilizer
Image Capture Device	
Type	20.3 Megapixel*, 1/2.3-inch CMOS *Image processing may cause a decrease in the number of pixels.
Total Pixels	Approx. 21.1 Megapixels
Effective Pixels	Approx. 20.3 Megapixels
Lens	
Focal Length	3.8 (W) – 247.0 (T) mm (35mm film equivalent: 21–1365mm)
Optical Zoom	65x
Digital Zoom Magnification	Approx. 4x
ZoomPlus	Approx. 130x
Focusing Range	Auto: 0.0 in. (0cm) – infinity (W), 5.9 ft. (1.8m) – infinity (T) Normal: 2.0 in. (5cm) – infinity (W), 5.9 ft. (1.8m) – infinity (T) Macro: 0.0 in. – 1.6 ft. (0 – 50cm) (W)
Autofocus System	TTL Autofocus
Viewfinder & Monitor	
Viewfinder	Electronic Viewfinder (Approx. 2,360,000 dots)
LCD Monitor	3.0-inch TFT Color Vari-angle LCD with wide viewing angle (4:3)
LCD Pixels	Approx. 920,000 dots
LCD Coverage	Approx. 100%
Aperture & Shutter	
Maximum Aperture	f/3.4 (W), f/6.5 (T)
Shutter Speed	1–1/2000 sec. 15–1/2000 sec. (in all shooting modes)
Exposure Control	
ISO Sensitivity	Auto: ISO 100–800 P: ISO 100–3200
Light Metering Method	Evaluative, Center Weighted Average, Spot
Exposure Compensation	±3 stops in 1/3-stop increments
White Balance	
White Balance Control	Auto, Daylight, Shade, Cloudy, Tungsten Light, White Fluorescent Light, Flash, Custom, WB Correction

Flash	
<b>Built-in Flash</b>	Auto, On, Slow Synchro, Off
<b>Flash Range</b>	Approx. 1.6–21.3 ft. (W), 5.9–13.1 ft. (T) Approx. 50.0cm – 5.0m (W), 2.0–2.5m (T)
Shooting Specifications	
<b>Shooting Modes</b>	M, Av, Tv, P, Auto, Standard, Vivid, Neutral, B/W, Sepia
<b>Self-Timer</b>	Off / 2 sec. / 10 sec. / Custom
<b>Wireless Control</b>	Built-in Wi-Fi® and Bluetooth®
<b>Continuous Shooting</b>	High-speed Continuous Shooting in One-Shot AF mode: Approx. 10.0 shots/sec. Low-speed Continuous Shooting in One-Shot AF mode: Approx. 3.0 shots/sec. High-speed Continuous Shooting in Servo AF mode: Approx. 5.7 shots/sec. Low-speed Continuous Shooting in Servo AF mode: Approx. 3.0 shots/sec.  Continuous shooting speed may become slower due to the following factors: Tv value, Av value, subject conditions, shooting environment, use of flash, ISO speed, zoom position.
Image Storage	
<b>Storage Media</b>	SD/SDHC/SDXC and UHS-I Memory Cards
<b>File Format</b>	Design rule for Camera File system (DCF) compliant; DPOF (Version 1.1) compatible
<b>Image Recording Format</b>	Fine / Normal
<b>JPEG Compression Mode</b>	Still Image: EXIF 2.31 (DCF2.0) Video: MP4 (Image: MPEG-4 AVC/H.264; Audio: MPEG-4 AAC-LC (Stereo))
<b>Number of Recording Pixels</b>	Still Images: 1) 16:9 – Large: 5184 x 2912; Medium: 3648 x 2048; Small: 2432 x 1368 2) 3:2 – Large: 5184 x 3456; Medium: 3648 x 2432; Small: 2432 x 1616 3) 4:3 – Large: 5184 x 3888; Medium: 3648 x 2736; Small: 2432 x 1824 4) 1:1 – Large: 3888 x 3888; Medium: 2736 x 2736; Small: 1824 x 1824 5) Panoramic shot – Horizontal, Maximum: 20960 x 2736; Min: 5184 x 2736. Vertical, 15744 x 3648; Minimum: 3648 x 3888  Videos: 4K 3840 x 2160: 29.97 fps Full HD 1920 x 1080: 119.9 fps, 59.94 fps, 29.97 fps HD 1280 x 720: 59.94 fps

#### Approx. Number of Shots Recordable to a 32GB Memory Card

		3:2	4:3
Large	F	4466	3968
	N	8042	7138
Medium	F	7959	7119
	N	9999	9999
Small	F	9999	9999

Note: F=Fine, N=Normal

## Total Movie Time Recordable to Memory Card

Pixels	Frame Rate/ Video System	Recording Time per a Memory Card	Single Clip Recording Time	Recording Bit Rate*
4K (3840 x 2160)	29.97 fps	Approx. 35 min. 29 sec.	29 min. 59 sec.	Approx. 120 Mbps
Full HD (1920 x 1080)	59.94 fps	Approx. 1 hr. 10 min. 48 sec.	29 min. 59 sec.	Approx. 60 Mbps
	29.97 fps	Approx. 2 hrs. 20 min. 59 sec.	29 min. 59 sec.	Approx. 30 Mbps
HD (1280 x 720)	29.97 fps	Approx. 2 hrs. 42 min. 28 sec.	29 min. 59 sec.	Approx. 26 Mbps

\* Sound data not included.

Single-time recording will stop automatically when single recording reaches maximum recordable time or the memory card becomes full. Recording may stop even if the maximum recording time per single-time recording has not elapsed depending on the card use.

On memory cards with a capacity of 32 GB and below, movies that exceed 4 GB are divided into multiple files (max. approx. 4 GB each). On memory cards with capacity of 64 GB and above, the movies are not divided and saved as a single file. Measured on a card that was formatted with this camera.

Playback Specifications	
<b>Playback Modes File</b>	Protect, Rotate, Movie compression, Slideshow, Rating, Movie Playback, Highlight Alert, Movie Frame Grab*, Resize**, Cropping**, Tilt Correction**, Red-Eye Correction**  * 4K movies only. ** Applicable only to images taken with the same model.
Interfaces	
<b>Video Out</b>	HDMI (Type D)
<b>Audio Out</b>	Stereo
<b>Other</b>	Hi-Speed USB (Micro); direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
Power Supply	
<b>Power Source</b>	Battery Pack LP-E12
<b>Shooting Capacity</b>	Number of still image shots (CIPA compliant): Screen ON: Approx. 325 shots Electronic color viewfinder On: Approx. 255 shots Screen ON: Approx. 405 shots in ECO Mode  Video Recording Time (CIPA compliant): Screen ON: Approx. 85 min. Electronic color viewfinder On: Approx. 75 min.
<b>Playback Time</b>	Approx. 6 hrs.
Physical Specifications	
<b>Operating Temperature</b>	32-104°F / 0-40°C
<b>Operating Humidity</b>	10-90%
<b>Dimensions (W x H x D)</b>	Approx. 5.00 x 3.58 x 4.59 in. / 127.0 x 90.9 x 116.6mm
<b>Weight</b>	Approx. 1.34 lbs. / 608g (CIPA standard) Approx. 1.27 lbs. / 576g (Body only)