



Clifton Cameras Product Specification

Canon Powershot SX70 HS Digital Camera Full Spec

Image Sensor

Type

1/2.3 type back-illuminated CMOS

Effective Pixels

Approx. 20.3M¹

Total Pixels

Approx. 21.1M

Colour Filter Type

Primary Colour

Image Processor

Type

DIGIC 8

Lens

Focal length

3.8 – 247.0 mm (35 mm equivalent: 21 – 1365 mm)

Zoom

Optical 65x

ZoomPlus 130x

Digital approx. 4.0x (with Digital Tele-Converter Approx. 1.6x or 2.0x²)

Combined approx. 260x

Maximum f/number

f/3.4 – f/6.5

Construction

15 elements in 11 groups (3 UD lenses, 1 double-sided aspherical lens)



Image Stabilisation

Yes (lens shift-type), Approx. 5 stop ³. Intelligent IS with Dual Sensing IS plus 5-axis Advanced Dynamic IS

Focusing

Type

TTL

AF System / Points

Face & Tracking (9 points), Tracking, 1-point, Spot

AF Modes

One Shot, Servo, Continuous

AF Assist Beam

Yes

Manual Focus

Yes, plus MF Peaking

Closest Focusing Distance

0 cm (W) from front of lens in Macro

Exposure Control

Metering modes

Evaluative, Centre-weighted average, Spot (except movie)

AE Lock

Yes

Exposure Compensation

+/- 3 EV in 1/3 stop increments.

ISO Sensitivity

100-3200 in 1/3 stop increments

Shutter

Speed



15 - 1/2000 s

White Balance

Settings

Auto , Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash, Custom.

Viewfinder

Viewfinder

0.39 type, approx 2.36m dots

Viewfinder / Coverage

approx 100%

Dioptre Correction

approx -3.0 - +1.0 m-1 (dpt)

LCD Monitor

Monitor

7.5 cm (3.0") Vari-Angle LCD (TFT), approx. 922,000 dots

Coverage

Approx. 100%

Brightness

Adjustable to one of five levels

Flash

Modes

Auto, Manual Flash On / Off, Slow Synchro

X-Sync Speed

Fastest speed 1/2000 s

Red-Eye Correction

Yes

Flash Exposure Compensation



+/- 2 EV in 1/3 stop increments.

Flash Exposure Lock

Yes

Manual Power Adjustment

3 levels with internal flash

Second Curtain Synchronisation

Yes

Built-in Flash Range

approx 50 cm – 6.5 m (W) / 1.8m - 4 m (T)

Shooting

Modes

Shot, Program AE, Shutter priority AE, Aperture priority AE, Manual,, Sports, SCN, Creative Filters Panorama, Hybrid Auto, Smart Auto, Custom x2

Drive modes

Single, High-speed continuous, low-speed continuous

Continuous Shooting

Max: One Shot AF approx 10fps, Servo AF approx 5.7fps

Recording Pixels / Compression

Image Size

4:3 - (L) 5184 x 3888, (M) 3648 x 2736, (S) 2432 x 1824
16:9 - (L) 5184 x 2912, (M) 3648 x 2048, (S) 2432 x 1368
3:2 - (L) 5184 x 3456, (M) 3648 x 2432, (S) 2432 x 1616
1:1 - (L) 3888 x 3888, (M) 2736 x 2736, (S) 1824 x 1824

Resize option available in playback

Compression

Fine, Normal

Movies

(4K) 3840 x 2160, 29.97/25 fps (Full HD) 1920 x 1080, 59.94/50/29.97/25 fps, (HD) 1280 x 720, 59.94/50 fps



Movie Length

Up to 29 min 59 s⁴

File Type

Still Image Type

JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system 2.0, Digital Print Order Format [DPOF] Version 1.1 compliant

Movies

MP4 [Video: MPEG-4 AVC / H.264, Audio: MPEG-4 AAC-LC (stereo)]

Direct Print

Canon Printers

Canon Compact Photo Printers SELPHY and Canon Inkjet Printers supporting PictBridge

PictBridge

Yes (via USB or Wireless LAN)

Other Features

GPS

GPS via Mobile (via Canon Camera Connect app with compatible smart devices)

Red-Eye Correction

Yes, during shooting and playback

Histogram

Yes

Playback zoom

Approx. 2x – 10x

Self Timer

Approx. 2, 10 s 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 dedicated connector (Micro-B compatible)

Other

HDMI Micro (Type-D) Connector

Computer/Other

Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only)⁵

Memory Card

Type

SD, SDHC, SDXC (UHS-1 Speed Class 3 compatible)

Supported Operating System

PC & Macintosh

See software pages

Software

Other

Image Transfer Utility

Camera Connect app available on iOS and Android devices

Power Source

Batteries

Rechargeable Li-ion Battery LP-E12 (battery and charger supplied)

Battery life

Screen: Approx. 325 shots

Viewfinder: Approx. 255 shots

Eco Mode: Approx. 405 shots

Playback Mode: Approx. 360 min



Accessories

Power Supply & Battery Chargers

Battery Charger LC-E12E

Rechargeable Li-ion Battery LP-E12

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.

Subject to change without notice.

1. Image processing may cause a decrease in the number of pixels.
2. Depending on the image size selected.
3. Values at maximum optical focal length. Cameras whose focal length exceeds 350 mm (35 mm equivalent) are measured at 350 mm.
4. 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.
5. Wi-Fi use may be restricted in certain countries or regions. Wi-Fi support varies by device and region. For more information visit www.canon-europe.com/wirelesscompacts