

**Canon**

# PowerShot SX170 IS

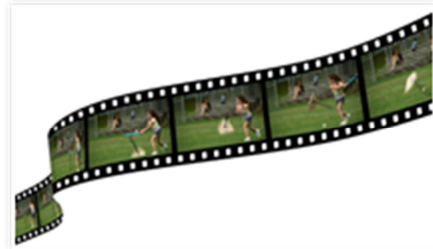


## At a Glance



### Get in Close!

Enjoy the 16x Optical Zoom, further extended to 32x using Canon's ZoomPlus technology.



### HD Movie shooting

Capture the action easily with HD movie shooting.



### ECO Mode

Power saving functionality to extend the battery life of the camera by up to 30%!



### Extremely Portable

Compact design is easy to take wherever you go!

# Detailed Specifications

## Image Sensor

Type  
1/2.3 type CCD

Effective Pixels  
Approx. 16.0M

Colour Filter Type  
Primary Colour

## Image Processor

Type  
DIGIC 4 with iSAPS technology

## Lens

Focal Length  
5.0 – 80.0 mm (35 mm equivalent: 28 – 448 mm)

Zoom  
Optical 16x ZoomPlus 32x Digital Approx. 4x (with Digital Tele-Converter Approx. 1.6x or 2.0x and Safety Zoom\*1). Combined Approx. 64x

Maximum f/number  
f/3.5 – f/5.9

Construction  
11 elements in 9 groups (1 UD lens, 1 double-sided aspherical lens)

Image Stabilisation  
Yes (lens shift-type), approx. 2.5-stop\*2. Intelligent 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\*3, Tracking AF

AF Point Selection  
Size (Normal, Small)

AF Lock  
On/Off Selectable

AF Assist Beam  
Yes

Manual Focus  
Yes

Closest Focusing Distance  
1 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

## Shutter

Speed  
1 – 1/3200 sec. (factory default) 15 – 1/3200 sec. (total range – varies by shooting mode)

## White Balance

Type  
TTL

Settings  
Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom

## 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  
Fastest speed 1/2000 sec.

Red-Eye Reduction  
Yes

Flash Exposure Compensation  
+/- 2 EV in 1/3 stop increments. Face Detection FE. Safety FE, Smart Flash Exposure

Flash Exposure Lock  
Yes

Manual Power Adjustment

3 levels with internal flash

Built-in Flash Range

50 cm – 3.0 m (W) / 60 cm – 2.0 m (T)

External Flash

Canon High Power Flash HF-DC1, Canon High Power Flash HF-DC2

## Shooting

Modes

Smart Auto (32 scenes detected), Program AE, Shutter priority AE, Aperture priority AE, Manual, Live View Control, SCN (Portrait, Face Self-Timer, Low Light (4.0MP), Snow, Fireworks), Creative Filters (Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect), Discreet, Movie

Modes in Movie

Smart Auto (21 scenes detected), Standard, Program AE, Portrait, Snow, Fireworks, Miniature Effect, Monochrome, Super Vivid, Poster Effect

Photo Effects

My colours (My colours Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom colour)

Drive modes

Single, Continuous, Continuous with AF, Self-Timer

Continuous Shooting

Approx. 0.8 shots/sec with AF: Approx. 0.5 shots/sec. with Live View: Approx. 0.6 shots/sec (all speeds are until memory card becomes full)\*4\*5

## Recording Pixels / Compression

Image Size

4:3 - (L) 4608 x 3456, (M1) 3264 x 2448, (M2) 1600 x 1200, (S) 640 x 480 16:9 - (L) 4608 x 2592, (M1) 3264 x 1832, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (L) 4608 x 3072, (M1) 3264 x 2176, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (L) 3456 x 3456, (M1) 2448 x 2448, (M2) 1200 x 1200, (S) 480 x 480  
Resize in playback (M2, S)

Compression

Superfine, Fine

Movies

(HD) 1280 x 720, 25 fps, (L) 640 x 480, 30 fps Miniature Effect (HD, L) 5fps, 2.5fps, 1.25 fps

Movie Length

(HD) Up to 4 GB or 29 min. 59 sec. \*6 (L) Up to 4 GB or 1 hour [5]

## 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 [H.264 + Linear PCM (stereo)]

## Direct Print

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Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge

PictBridge

Yes

## Other Features

Red-Eye Correction

Yes, during shooting and playback

My Category

Image tagging feature

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

## Interface

Computer

Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)

Other

A/V output, dedicated connector (PAL/NTSC)

## Memory Card

Type

SD, SDHC, SDXC

## Supported Operating System

PC & Macintosh

Windows 8 / 7 SP1 / Vista SP2 / XP SP3 Mac OS X v10.6 – 10.8

## Software

Browsing & Printing

ImageBrowser EX

Other

PhotoStitch

## Power Source

Batteries

Rechargeable Li-ion Battery NB-6LH (battery and charger supplied)

Battery life

Approx. 300 shots Eco mode approx. 440 shots Approx. 420 min. playback

A/C Power Supply

Optional, AC Adapter Kit ACK-DC40

## Accessories

Cases / Straps

Soft Case DCC-750 Travel Case DCC-2500

Flash

Canon High Power Flash HF-DC1, Canon High Power Flash HF-DC2

Power Supply & Battery Chargers

AC Adapter Kit ACK-DC40, Battery Charger CB-2LYE

Other

Canon AV cable AVC-DC400ST, interface cable IFC-400PCU

## Physical Specifications

Operating Environment

0 – 40 °C, 10 – 90% humidity

Dimensions (WxHxD)

108.0 x 71.0 x 43.9 mm

Weight

Approx. 251 g (including battery/batteries and memory card)

Footnotes

1. Depending on the image size selected.

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2. Values at maximum optical focal length. Cameras whose focal length exceeds 350mm (35mm equivalent) are measured at 350mm.3. Some settings limit availability.4. Under conditions where the flash does not fire.5. Depending on memory card speed / capacity / compression setting.6.

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.7. Depending on memory card speed / capacity / compression setting.