

PowerShot SX610 HS

Capture and share every moment with 18x zoom

Capture with crisp detail all the moments that matter - using a powerful 18x zoom in a slim, pocketable design. Seamlessly share your high quality photos and videos using Wi-Fi with NFC.



- Slim and pocketable 18x camera so you never miss a photo opportunity
- Sharp results in your photos and movies with Intelligent IS
- Connect and share using Wi-Fi with NFC and enjoy remote shooting via smartphone
- Capture great detail with 20.2 Megapixels
- Shoot stunning images in any light with HS System
- Shoot great Full HD movies at the touch of a button
- Easily frame people in your shots with Auto Zoom
- Create brilliant photos with ultimate ease using Hybrid Auto and enjoy a fun movie summary of your day
- Have fun playing with your creativity and unlock your inner artist

Product Range



PowerShot SX700 HS



PowerShot SX610 HS



PowerShot SX600 HS

PowerShot SX710 HS
PowerShot SX700 HS
PowerShot SX610 HS
PowerShot SX600 HS

Technical Specifications

IMAGE SENSOR

Type 1/2.3 type back-illuminated CMOS
Effective Pixels Approx. 20.2 M^[14]
Colour Filter Type Primary Colour

IMAGE PROCESSOR

Type DIGIC 4+ with iSAPS technology

LENS

Focal Length 4.5 – 81.0 mm (35 mm equivalent : 25 – 450 mm)
Zoom Optical 18x
 ZoomPlus 36x
 Digital Approx. 4.0x (with Digital Tele-Converter
 Approx. 1.6x or 2.0x).
 Combined Approx. 72x^[11]

Maximum f/number f/3.8 – f/6.9
Construction 11 elements in 8 groups (1 UD lens, 1 double-sided aspherical UA lens, 1 double-sided aspherical lens)

Image Stabilisation Yes (lens shift-type), Approx. 2.5-stop^[13], Intelligent IS plus 4-axis Enhanced Dynamic 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^[6], Tracking AF
AF Point Selection Size (Normal, Small)

AF Lock Yes
AF Assist Beam Yes
Closest Focusing Distance 5 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, 3200

SHUTTER

Speed 1 – 1/2000 sec. (factory default)
 15 – 1/2000 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") sRGB PureColor II G LCD (TFT).
 Approx. 922,000 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 Face Detection FE, Smart Flash Exposure
Flash Exposure Lock Yes
Built-in Flash Range 50 cm – 3.5 m (W) / 1.0 m – 2.0 m (T)
External Flash Canon High Power Flash HF-DC2

SHOOTING

Modes Hybrid Auto, Creative Shot, SCN (Smart Auto (32 scenes detected), P, Portrait, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst (5.0 MP), Handheld Night Scene, Low Light (5.0 MP), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks, Long Shutter)
Modes in Movie Smart Auto (21 scenes detected), P, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks
Photo Effects My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red)

Drive modes

Continuous Shooting Single, Continuous, Self-Timer
 Approx. 2.5 shots / sec.
 High-speed Burst (5.0 MP): Approx. 7.2 shots/sec. (all speeds are until memory card becomes full)^{[5][4]}

RECORDING PIXELS / COMPRESSION

Image Size 4:3 - (L) 5184 x 3888, (M1) 3648 x 2736, (M2) 2048 x 1536, (S) 640 x 480
 16:9 - (L) 5184 x 2912, (M1) 3648 x 2048, (M2) 1920 x 1080, (S) 640 x 360
 3:2 - (L) 5184 x 3456, (M1) 3648 x 2432, (M2) 2048 x 1368, (S) 640 x 424
 1:1 - (L) 3888 x 3888, (M1) 2736 x 2736, (M2) 1536 x 1536, (S) 480 x 480
 Resize in playback (M2)

Compression

Movies Superfine, Fine
 (Full HD) 1920 x 1080, 30 fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps
 Miniature Effect (HD, L) 6 fps, 3 fps, 1.5 fps
 Hybrid Auto Movie (HD) 30 fps
 (Full HD & HD) Up to 4 GB or 29 min. 59 sec.^[7]
 (L) Up to 4 GB or 1 hour^[4]

Movie Length

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 MP4 [Video: MPEG4-AVC / H.264, Audio: MPEG4 AAC-LC (monaural)]

DIRECT PRINT

Canon Printers Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge
PictBridge Yes (via USB or Wireless LAN)

OTHER FEATURES

GPS GPS via mobile (linked to compatible smartphone)
Red-Eye Correction Yes, during shooting and playback
Intelligent Orientation Sensor Yes, with Auto Rotate
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, Hebrew

INTERFACE

Computer Hi-Speed USB (MTP, PTP) DIGITAL connector
Other HDMI Mini Connector
 A/V output (PAL/NTSC)
Computer/Other Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only), with Dynamic NFC support^[11]

MEMORY CARD

Type SD, SDHC, SDXC

SUPPORTED OPERATING SYSTEM

PC & Macintosh Windows 8 / 8.1 / 7 SP1
 Mac OS X 10.8 / 10.9
 For Wi-Fi connection to a PC:
 Windows 8 / 8.1 / 7 SP1 only
 Mac OS X 10.8.2 or later / 10.9

SOFTWARE

Other CameraWindow DC
 Map Utility
 Image Transfer Utility

POWER SOURCE

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

Battery life Approx. 270 shots
 Eco Mode: Approx. 400 shots
 Approx. 300 min. playback

A/C Power Supply Optional, AC Adapter Kit ACK-DC40

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Technical Specifications

ACCESSORIES

Cases / Straps

Soft Case DCC-1570
Travel Case DCC-2500
PowerShot Accessory Organizer
High Power Flash HF-DC2
AC Adapter Kit ACK-DC40,

Flash

Power Supply & Battery Chargers

Battery Charger CB-2LYE
Canon AV cable AVC-DC400
Interface Cable IFC-400PCU

Other

PHYSICAL SPECIFICATIONS

Operating Environment

0 – 40 °C, 10 – 90 % humidity

Dimensions (W x H x D)

105.3 x 61.0 x 26.7 mm

Weight

Approx. 191 g (including battery and memory card)

Footnotes

^[1] Depending on the image size selected.

^[3] Under conditions where the flash does not fire.

^[4] Depending on memory card speed / capacity / compression setting.

^[6] Some settings limit availability.

^[7] 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.
(Frame) 1280 x 720 Speed Class 6 or above.

^[13] Values at maximum optical focal length. Cameras whose focal length exceeds 350 mm
(35 mm equivalent) are measured at 350 mm.

^[14] Image processing may cause a decrease in the number of pixels.

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

Subject to change without notice.

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Sales Start Date: February 2015



Product Details:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
Digital Camera PowerShot SX610 HS BK EU23	0111C002AA	4549292030631	
Digital Camera PowerShot SX610 HS BK EU23	0111C002BA	4549292030631	
Digital Camera PowerShot SX610 HS WH EU23	0112C002AA	4549292031034	
Digital Camera PowerShot SX610 HS WH EU23	0112C002BA	4549292031034	
Digital Camera PowerShot SX610 HS RE EU23	0113C002AA	4549292031096	
Digital Camera PowerShot SX610 HS RE EU23	0113C002BA	4549292031096	

Optional Accessories:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
Battery Pack NB-6LH	8724B001AA	4960999989952	
Battery Charger CB-2LYE	2609B001AA	4960999571676	
AC Adapter Kit ACK-DC40	2610B003AA	4960999571706	
Interface Cable IFC-400PCU	9370A001AA	4960999209906	
AV Cable AVC-DC400	2563B001AA	4960999570754	
High Power Flash HF-DC2	5189B001AA	4960999782232	
Soft case DCC-1570	0039X577	8714574617244	
DCC-2500 (Travel Case, textile)	0038X887	8714574610320	
Accessory Organizer	0036X433	8714574583167	

Canon

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Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Net Weight (kg)	Gross Weight (kg)
Digital Camera PowerShot SX610 HS BK EU23	0111C002AA	EA	Each	1	159	140	63		0.52
Digital Camera PowerShot SX610 HS BK EU23	0111C002BA	CT	Carton	15	447	326	208		8.58
Digital Camera PowerShot SX610 HS WH EU23	0112C002AA	EP	Euro Pallet	375	1200	800	1190		224.0
Digital Camera PowerShot SX610 HS WH EU23	0112C002BA		Layers per pallet	5					
Digital Camera PowerShot SX610 HS RE EU23	0113C002AA		Cartons per layer	5					
Digital Camera PowerShot SX610 HS RE EU23	0113C002BA		Products per layer	75					

What's in the box?

- Digital Camera PowerShot SX610 HS
- Wrist Strap WS-800
- Battery Pack NB-6LH
- Battery Charger CB-2LYE
- AC Cable
- User Manual Kit