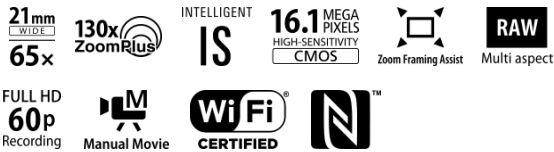# PowerShot SX60 HS

Explore detail at a distance

Zoom into the exquisite detail of distant wildlife. Capture stunning ultra-wide landscapes with this hugely versatile and gifted 65x Wi-Fi bridge camera, which combines fun with expert control.

21mm WIDE / 65× | 130x ZoomPlus | INTELLIGENT IS | 16.1 MEGA PIXELS HIGH-SENSITIVITY CMOS | Zoom Framing Assist | RAW Multi aspect

FULL HD 60p Recording | Manual Movie | Wi-Fi CERTIFIED | NFC

- Zoom in 65x on faraway detail or capture stunning ultra-wide landscapes
- Easily keep your subject in the frame with Zoom Framing Assist
- Shoot stunning images in any light with Intelligent IS and HS System
- Capture all the action with fast response and sustained continuous shooting
- Create brilliant photos with ultimate ease using Hybrid Auto and enjoy a fun movie summary of your day
- Connect with ease using Wi-Fi with NFC and enjoy remote shooting via smartphone
- Shoot smooth Full HD 60p movies with expert control using Manual Movie Mode
- Explore the world of Full Manual and RAW
- Enjoy comfortable, steady shooting thanks to ergonomic design and Electronic Viewfinder
- Play with your creativity and unlock your inner artist

Product Range

PowerShot SX60 HS

PowerShot SX520HS

PowerShot SX510 HS

PowerShot SX60 HS
PowerShot SX520 HS
PowerShot SX510 HS
PowerShot SX400 IS

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Technical Specifications

IMAGE SENSOR
Type	1/2.3 type back-illuminated CMOS
Effective Pixels	Approx. 16.1M [14]
Effective / Total Pixels	Approx. 16.8M
Colour Filter Type	Primary Colour

IMAGE PROCESSOR
Type	DIGIC 6 with iSAPS technology

LENS
Focal Length	3.8 – 247.0 mm (35 mm equivalent: 21 – 1365 mm)
Zoom	Optical 65x
	ZoomPlus 130x
	Digital Approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x [1]).
	Combined approx. 260x
Maximum f/number	f/3.4-f/6.5
Construction	15 elements in 11 groups (1 double sided aspherical lens and 3 UD lenses)
Image Stabilisation	Yes (lens shift-type), approx. 3.5-stop [13]. Intelligent IS with 5-axis Enhanced Dynamic IS
Ultrasonic Motor (USM)	Yes

FOCUSING
Type	TTL
AF System/ Points	Face Detect, 1-point AF (any position, fixed to centre or Face Select and Track)
AF Modes	Single, Continuous, Servo AF/AE [6], Tracking AF
AF Point Selection	Manual selection using FlexiZone AF/AE, Size (Normal, Small)
AF Lock	Yes, via customisable buttons
AF Assist Beam	Yes
Manual Focus	Yes, plus MF Peaking
Focus Bracketing	Yes
Closest Focusing Distance	0 cm (W) from front of lens in Macro

EXPOSURE CONTROL
Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame)
AE Lock	Yes, via customisable buttons
Exposure Compensation	+/- 3 EV in 1/3 stop increments
	Manual and automatic dynamic range correction
	Automatic shadow correction
AEB	1/3 – 2 EV in 1/3 stop increments
ISO sensitivity	100, 125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200
	AUTO ISO: 100 - 3200 (possible to set Max. ISO speed and rate of change)

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, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Custom 1, Custom 2
	Multi-area WB correction available in Smart Auto
	White Balance Compensation
Type	sRGB

VIEWFINDER
Viewfinder	EVF (0.17 type), 4:3 aspect ratio, approx. 922,000 dots
Viewfinder / Coverage	Approx. 100%
Dioptre Correction	Yes

LCD MONITOR
Monitor	Vari-angle 7.5 cm (3.0") PureColor II VA (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	Yes.
	Fastest speed:
	1/2000 sec. (built-in flash)
	1/250 sec. (external flash)
	1/2000 sec. (external flash using high-speed synchro)
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, via customisable buttons

Manual Power Adjustment	3 levels with internal flash (up to 19 levels with external EX Speedlite 270EX II, 320EX and 430EX II. 22 levels with 580EX II, 600EX and 600EX-RT [2])
Second Curtain Synchronisation	Yes
Built-in Flash Range	50 cm - 5.5 m (W) / 1.8 m – 3.0 m (T)
External Flash	E-TTL with EX Speedlite range [2]

SHOOTING
Modes	Smart Auto (58 scenes detected), Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom 1, Custom 2, Hybrid Auto, Creative Shot, Sports, SCN (Portrait, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), Handheld Night Scene, Low Light (4.0MP), Snow, Fireworks), Creative Filters (High Dynamic Range, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Soft Focus, Monochrome, Super Vivid, Poster Effect), Movie
Modes in Movie	Smart Auto (21 scenes detected), Standard, Program AE, Manual, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks, iFrame Movie, Super Slow Motion Movie
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, Custom Color)
Drive modes	Single, Auto Drive, Continuous, Continuous with AF, Self-Timer
Continuous Shooting	Approx. 6.4 shots/sec until memory card becomes full [12]
	with AF: Approx. 3.8 shots/sec [3][4]
	with Live View: Approx. 4.6 shots/sec [3][4]

RECORDING PIXELS / COMPRESSION
Image Size	4:3 - (RAW, L) 4608 x 3456, (M1) 3264 x 2448, (M2) 2048 x 1536, (S) 640 x 480
	16:9 - (RAW, L) 4608 x 2592, (M1) 3264 x 1832, (M2) 1920 x 1080, (S) 640 x 360
	3:2 - (RAW, L) 4608 x 3072, (M1) 3264 x 2176, (M2) 2048 x 1368, (S) 640 x 424
	1:1 - (RAW, L) 3456 x 3456, (M1) 2448 x 2448, (M2) 1536 x 1536, (S) 480 x 480
	4:5 - (RAW, L) 2768 x 3456, (M1) 1952 x 2448, (M2) 1232 x 1536, (S) 384 x 480
	Resize in playback (M2, S)
Compression	RAW, Superfine, Fine
Movies	(Full HD) 1920 x 1080, 60 fps / 30 fps
	(HD) 1280 x 720, 30 fps
	(L) 640 x 480, 30 fps
	Super Slow Motion Movie (L) 640 x 480, 120 fps, (M) 320 x 240, 240 fps
	Miniature Effect (HD, L) 6 fps, 3 fps, 1.5 fps
	Hybrid Auto (HD) 30 fps
	iFrame Movie (Full HD) 30 fps
Movie Length	(Full HD & HD) Up to 4 GB or 29 min. 59 sec. [7]
	(L and M) Up to 4 GB or 1 hour [4]
	(Super Slow Motion Movie) Approx. 30 sec.

FILE TYPES
Still Image Type	JPEG compression (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system and DPOF ver. 1.1 compliant), RAW, RAW+JPEG
Movies	MP4 [Video: MPEG-4 AVC / H.264, Audio: MPEG-4 AAC-LC (stereo) recording level can be manually adjusted by user] iFrame

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 a compatible smartphone)
Red-Eye Correction	Yes, during shooting and playback
My Camera / My Menu	My Menu customisation available
My Category	Image tagging feature
Intelligent Orientation Sensor	Yes
Histogram	Yes, live histogram
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

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Technical Specifications

PowerShot *SX60 HS*

INTERFACE
Computer Hi-Speed USB (MTP, PTP) DIGITAL connector
Other HDMI Mini Connector
A/V output (PAL/NTSC)
External microphone (3.5 mm Stereo mini jack)
Computer/Other Wireless LAN (IEEE802.11b/g/n), (2.4 GHz only), with NFC support [11]

MEMORY CARD
Type SD, SDHC, SDXC (UHS Speed Class 1 compatible)

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
Mac OS X 10.8.2 or later / 10.9

SOFTWARE
Browsing & Printing ImageBrowser EX
Other CameraWindow
PhotoStitch
Map Utility
Image Manipulation Digital Photo Professional for RAW development

POWER SOURCE
Batteries Rechargeable Li-ion Battery NB-10L (battery and charger supplied)
Battery life Approx. 340 shots
Eco mode approx. 450 shots
Approx. 360 min. playback
A/C Power Supply Optional, AC Adapter Kit ACK-DC80

ACCESSORIES
Cases / Straps Soft Case DCC-850
PowerShot Neck Strap NS-100
PowerShot Accessory Organizer
Lenses Lens Hood LH-DC90
Filter Adapter FA-DC67A (Compatible with Canon 67mm Filters: Circular Polarizing PL-C B, Protect Filter, ND Filter)

Flash Canon Speedlite (including 270EX, 270EX II, 320EX, 430EX II, 580EX II, 600EX, 600EX-RT [2])
Speedlite Transmitter ST-E2, Speedlite bracket SB-E2, Off-Camera Shoe Cord OC-E3
Remote Controller/ Switch Remote Switch RS-60E3
Power Supply & Battery Chargers AC Adapter Kit ACK-DC80, Battery Charger CB-2LCE
Other Interface cable IFC-400PCU
Canon AV cable AVC-DC400ST
Canon HDMI Cable HTC-100

PHYSICAL SPECIFICATIONS
Operating Environment 0 – 40 °C, 10 – 90% humidity
Dimensions (W x H x D) 127.6 x 92.6 x 114.3 mm
Weight Approx. 650 g (including battery and memory card)

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.
Subject to change without notice.

[1] Depending on the image size selected.
[2] Not all functions of the flash are supported.
[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. (iFrame) 1280 x 720 Speed Class 6 or above.
[11] 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
[12] Sustained continuous shooting function requires compatible SDHC/SDXC UHS Speed Class 1 memory card, total number of frames captured varies depending on shooting subject.
[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.

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Sales Start Date: October 2014

Product Details:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
Digital Camera PowerShot SX60 HS	9543B009AA	8714574623351	£449.00 / €499.00

Optional Accessories:

Product Name	Mercury Code	EAN Code
Battery Charger CB-2LCE	5670B002AA	8714574584539
Battery Pack NB-10L	5668B001AA	4960999796093
AC Adapter Kit ACK-DC80	5667B005AA	8714574574554
Lens Hood LH-DC90	9843B001AA	4549292017755
Filter Adapter FA-DC67A	4728B001AA	4960999677187
Lens Filter Protect 67 mm	2598A001AA	4960999430973
Circular Polarizing PL-C B Filter 67 mm	2189B001AA	4960999455778
Speedlite 600EX EUR	5739B003AA	4960999810195
Speedlite 270EX II EUR	5247B003AA	4960999783246
Speedlite 320EX EUR	5246B003AA	4960999786032
Speedlite 430EX II EUR	2805B003AA	4960999617947
Speedlite Transmitter ST-E2	2478A004AA	4960999581538
Camera Remote Switch RS60-E3	2469A002AA	4960999581354
Off Camera Shoe Cord OC-E3	1950B001AA	4960999417271
Speedlite Bracket SB-E2	1949B001AA	4960999417264
Speedlite 580EX II	1946B003AA	4960999417165
Interface cable IFC-400PCU	9370A001AA	4960999209906
AV Cable AVC-DC400ST	4076B001AA	4960999659275
HDMI Cable HTC-100	2384B001AA	4960999530383
Soft Case DCC-850	1872V639	8714574560380
PowerShot Accessory Organizer	0036X433	8714574583167
PowerShot Neck Strap NS-100	0039X579	8714574617268

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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 SX60 HS EU23	9543B002AA	EA	Each	1	191.5	147.5	127	0.825	1.168
		CT	Carton	6	411	315	230	7.01	7.63
		EP	Euro Pallet	150	1200	800	1210	N/A	109
Euro Pallet Information			Layers per pallet	5					
			Cartons per layer	5					
			Products per layer	30					

What's in the box?

- PowerShot SX60 HS
- Lens Cap (with strap)
- Neck Strap NS-DC11
- Battery Pack NB-10L
- Battery Charger CB-2LCE
- AC Cable
- User Manual Kit

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