

PowerShot SX730 HS

Camera User Guide

ENGLISH

- Make sure you read this guide, including the “Safety Instructions” (📖 14) section, before using the camera.
 - Reading this guide will help you learn to use the camera properly.
 - Store this guide safely so that you can use it in the future.
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Specifications





Image Sensor

Image size 1/2.3 type
 Camera Effective Pixels
 (Image processing may cause a
 decrease in the number of pixels.)..... Approx. 20.3 megapixels
 Total Pixels..... Approx. 21.1 megapixels

Lens

Focal Length
 (35mm film equivalent) 4.3 – 172.0 mm
 (24 – 960 mm)
 Zoom Magnification 40x

Shooting Range (measured from the tip of the lens)

Shooting Mode	Focus Range	Maximum Wide Angle ()	Maximum Telephoto ()
AUTO*	–	1.0 cm (0.4 in.) – infinity	2 m (6.6 ft.) – infinity
Other than the above		5.0 cm (2.0 in.) – infinity	2 m (6.6 ft.) – infinity
		1.0 – 50.0 cm (0.4 in. – 1.6 ft.)	–

* Manual Focus is the same.

Shutter

Shutter Speed

Auto Mode (automatic settings)

Max. Tv 1 sec.
 Min. Tv 1/3200 sec.

Range in all shooting modes

Max. Tv 15 sec.
 Min. Tv 1/3200 sec.

Available Tv values (sec.)

Shooting mode M mode / Tv mode
 15, 13, 10, 8, 6, 5, 4, 3.2, 2.5, 2,
 1.6, 1.3, 1, 0.8, 0.6, 0.5, 0.4, 0.3,
 1/4, 1/5, 1/6, 1/8, 1/10, 1/13, 1/15,
 1/20, 1/25, 1/30, 1/40, 1/50, 1/60,
 1/80, 1/100, 1/125, 1/160, 1/200,
 1/250, 1/320, 1/400, 1/500, 1/640,
 1/800, 1/1000, 1/1250, 1/1600,
 1/2000, 1/2500, 1/3200

Aperture

F number

Wide angle..... 3.3 – 8.0
 Telephoto 6.9 – 8.0

Flash

Built-in Flash

Flash Range (Max. wide angle)

closest point..... Approx. 50.0 cm (1.6 ft.)
 farthest point..... Approx. 4 m (13.1 ft.)

Flash Range (Telephoto end)

closest point..... Approx. 2 m (6.6 ft.)
 farthest point..... Approx. 2 m (6.6 ft.)

Monitor

Type TFT color liquid crystal
 Screen size 3.0 type
 Effective pixels Approx. 0.92 million dots

Shooting

Digital zoom
 Magnification Approx. 4x
 Maximum with Optical Zoom Approx. 160x
 Focal Length (Telephoto end,
 35mm film equivalent) Approx. 3840 mm equivalent
 ZoomPlus
 (Number of recording pixels L) Approx. 80x

Continuous Shooting

Shooting speed*
 Auto/P Normal Continuous
 Continuous shooting speed Max approx. 5.9 shots/sec
 P Continuous AF
 Continuous shooting speed Max approx. 4.6 shots/sec

* Continuous shooting speed may become slower due to the following factors:
 Tv value/Av value/Subject conditions/Brightness/Shooting with flash/
 Zoom positions/ Battery level

Recording

File Format DCF-compliant DPOF compatible
 (Version1.1)

Data Type

Still Image

Recording Format Exif2.3 (DCF2.0)
 Image JPEG only










Movie

Recording Format MP4
 Video MPEG-4 AVC/H.264
 Audio MPEG-4 AAC-LC (stereo)

Recorded Pixels, Number of shots per a memory card

Still Image

Using a 16 GB (UHS-I) memory card (Approx. shots)

L		1766
		2980
M		10798
M1		3546
		5925
M2		9344
		16755
S		53992
		80988

Movie

Size	Recording file size (Approx.)	Total Recording Time Per Memory Card (Approx.)	Single Clip Recording Time (approx.)
FHD 60P (1920 x 1080)	4288 KB/sec	59 min. 30 sec.	29 min. 59 sec.
FHD 30P (1920 x 1080)	2945 KB/sec	1 hr. 26 min. 5 sec.	29 min. 59 sec.
HD 30P (1280 x 720)	992 KB/sec	4 hr. 5 min. 15 sec.	29 min. 59 sec.
VGA 30P (640 x 480)	382 KB/sec	10 hr. 22 min. 35 sec.	59 min. 59 sec.

* Single-time recording will stop automatically when single recording reaches maximum recordable time, the file size reaches 4GB or the memory card becomes full.

On some memory cards, recording may stop before the maximum recording time has elapsed.

Power

Battery PackNB-13L

Number of still image shots (CIPA compliant: room temperature 23 °C / 73 °F)	Approx. 250 shots
Number of still image shots (Eco Mode On)	Approx. 355 shots
Movie recording time (CIPA compliant: room temperature 23 °C / 73 °F)	Approx. 50 min.
Movie recording time (Continuous Shooting)	Approx. 85 min.
Playback Time*	Approx. 5 hr.

* Time when playing back a slideshow of still images

Interface

Wired

Digital terminal
(Hi-Speed USB compliant)..... Micro USB
HDMI OUT terminal Type D

Wireless

NFC NFC Forum Type 3/4 Tag compliant (Dynamic)

Bluetooth

Compliance standards..... Bluetooth Ver. 4.1
(Bluetooth low energy technology)
Transmission method GFSK modulation

Wi-Fi

Compliance standards..... IEEE 802.11b/g/n
Transmission frequency
Frequency..... 2.4 GHz
Channels 1-11ch

Security

Infrastructure mode WPA2-PSK (AES/TKIP),
WPA-PSK (AES/TKIP), WEP
* Wi-Fi Protected Setup compliant
Camera access point mode..... WPA2-PSK (AES)
Ad hoc mode WPA2-PSK (AES)

Operating Environment

Temperature..... Min. 0 °C, Max. 40 °C
(Min. 32 °F, Max. 104 °F)

Dimensions (CIPA compliant)

W 110.1 mm (4.3 in.)
H 63.8 mm (2.5 in.)
D 39.9 mm (1.6 in.)

■ Weight (CIPA compliant)

Including Battery Pack,
Memory CardApprox. 300 g (approx. 10.6 oz.)
Camera Body OnlyApprox. 276 g (approx. 9.7 oz.)

■ Battery Pack NB-13L

Type: Rechargeable lithium-ion battery
Nominal Voltage: 3.6 V DC
Nominal Capacity: 1250 mAh
Charging Cycles: Approx. 300 times
Operating Temperatures: 0 – 40 °C (32 – 104 °F)

■ Battery Charger CB-2LH/CB-2LHE

Rated Input: 100 – 240 V AC (50/60 Hz)
0.09 A (100 V) – 0.06 A (240 V)
Rated Output: 4.2 V DC, 0.7 A
Charging Time: Approx. 2 hr. 10 min. (when using NB-13L)
Operating Temperatures: 5 – 40 °C (41 – 104 °F)

■ Compact Power Adapter CA-DC30/CA-DC30E

Rated Input: 100 – 240 V AC (50/60 Hz)
0.07 A (100 V) – 0.045 A (240 V)
Rated Output: 5.0 V DC, 0.55 A
Charging Time: Approx. 2 hr. 50 min.* (when charged with NB-13L in the camera)
* Charging time varies considerably depending on the remaining battery level.
Operating Temperatures: 5 – 40 °C (41 – 104 °F)

- The number of shots that can be taken is based on measurement guidelines of the Camera & Imaging Products Association (CIPA).
- Under some shooting conditions, the number of shots and recording time may be less than mentioned above.
- Number of shots/time with a fully charged battery pack.