

PowerShot G9 X

Premium image quality and expression in a timeless design

Expert quality in a camera you will hardly notice is there. Slim and beautifully crafted, with as much or as little control as you like, it puts simple creative expression and premium quality results in the palm of your hand.



- A beautifully slim and portable camera with a bright lens, large sensor and powerful processor to capture premium quality photos and movies with ease
- Wi-Fi with NFC and Image Sync make it simple to connect to your smart device, capture shots remotely and then share or back up your creations
- Embrace spontaneity with superfast autofocus plus 6.0 fps continuous shooting and enjoy effortless creative modes with professional style results
- Capture stunning 60p Full HD movies with creative control of aperture, shutter speed and ISO plus Advanced Dynamic IS for steady footage
- Enjoy simple creative control with intuitive touchscreen operation and features like a Lens Control Ring and in-built ND filter with Auto mode.

Product Range



PowerShot G5 X



PowerShot G7 X



PowerShot G9 X

PowerShot G1 X Mark II
PowerShot G3 X
PowerShot G5 X
PowerShot G7 X
PowerShot G9 X

* Wi-Fi connectivity and features vary by model and region. For more information on compatibility please visit www.canon-europe.com/wirelesscompacts.

Canon

Technical Specifications

IMAGE SENSOR

Type	1.0 type back-illuminated CMOS
Effective Pixels	Approx. 20.2 M (Aspect ratio 3:2) ⁽¹⁴⁾
Effective / Total Pixels	Approx. 20.9 M
Colour Filter Type	Primary Colour

IMAGE PROCESSOR

Type	DIGIC 6 with iSAPS technology
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LENS

Focal Length	10.2 – 30.6 mm (35 mm equivalent: 28 – 84 mm)
Zoom	Optical 3x ZoomPlus 6x Digital Approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x ⁽¹⁾) Combined approx. 12x

Maximum f/number	f/2.0 - f/4.9
Construction	8 elements in 6 groups (2 double sided aspherical UA lens, 1 single sided aspherical lens)

Image Stabilisation	Yes (lens-shift type), approx. 3-stop ⁽¹³⁾ Intelligent IS with 5-axis Advanced Dynamic IS
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FOCUSING

Type	TTL
AF System/ Points	AI/AF (31-point, Face Detection or Touch AF with Object and Face Select and Track), 1-point AF (any position is available or fixed centre)
AF Modes	Single, Continuous, Servo AF/AE ⁽⁶⁾ , Touch AF
AF Point Selection	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	5 cm (Wide) from front of lens 35 cm (Tele) from front of lens

EXPOSURE CONTROL

Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Touch 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 ND Filter (3-stop) On/ Auto/ Off ⁽¹⁶⁾
AEB	1/3 – 2 EV in 1/3 stop increments
ISO Sensitivity	125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800 ⁽¹⁵⁾ AUTO ISO: 125 - 12800 (possible to set Max. ISO speed and rate of change)

SHUTTER

Speed	1 – 1/2000 sec. (factory default) 1/8 - 1/2000 sec. (Movie Mode) BULB, 30 – 1/2000 sec. (total range – varies by shooting mode)
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WHITE BALANCE

Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom 1, Custom 2 Multi-area WB correction available in Smart Auto White Balance Compensation Colour adjustment in Star mode

COLOUR MATRIX

Type	sRGB
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LCD MONITOR

Monitor	7.5 cm (3.0") Touchscreen LCD (TFT). 3:2 aspect ratio. Approx. 1,040,000 dots. Capacitive type
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.
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
Second Curtain Synchronisation	Yes
Built-in Flash Range	50 cm – 6.0 m (W) / 50 cm – 2.4 m (T)
External Flash	Canon High Power Flash HF-DC2

SHOOTING

Modes	Smart Auto (58 scenes detected), Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, Hybrid Auto, Creative Shot, SCN (Portrait, Star (Star Nightscape, Star Trails, Star Portrait, Star Time-Lapse Movie), Handheld Night Scene, Fireworks, High Dynamic Range, Nostalgic, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Background Defocus, Soft Focus, Monochrome, Super Vivid, Poster Effect), Movie
Modes in Movie	Smart Auto (21 scenes detected), Standard, Program AE, Manual, Portrait, Nostalgic, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Fireworks, Short Clip, iFrame 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. 6.0 shots/sec with AF: Approx. 4.3 shots/sec Up to 2000 frames ⁽³⁾⁽⁴⁾⁽¹²⁾

RECORDING PIXELS / COMPRESSION

Image Size	3:2 - (RAW, L) 5472 x 3648, (M1) 4320 x 2880, (M2) 2304 x 1536, (S) 720 x 480 4:3 - (RAW, L) 4864 x 3648, (M1) 3840 x 2880, (M2) 2048 x 1536, (S) 640 x 480 16:9 - (RAW, L) 5472 x 3080, (M1) 4320 x 2432, (M2) 1920 x 1080, (S) 720 x 480 1:1 - (RAW, L) 3648 x 3648, (M1) 2880 x 2880, (M2) 1536 x 1536, (S) 480 x 480 Resize available in playback (M2, S) for JPEG images
Compression	RAW, Superfine, Fine
Movies	(Full HD) 1920 x 1080, 59.94 / 50 / 29.97 / 25 / 23.98 fps (HD) 1280 x 720, 29.97 / 25 fps (L) 640 x 480, 29.97 / 25 fps
Movie Length	Star Time-Lapse Movie (Full HD) 29.97 / 25 / 14.99 / 12.5 fps Miniature Effect (HD, L) 6 / 3 / 1.5 fps Hybrid Auto (HD) 29.97 / 25 fps iFrame Movie (Full HD) 29.97 / 25 fps (Full HD & HD) Up to 4 GB or 29 min. 59 sec. ⁽⁷⁾ (L) Up to 4 GB or 1 hour ⁽⁸⁾ (Star Time-Lapse Movie) up to 128 sec

FILE TYPE

Still Image Type	JPEG compression (Exif 2.3 (Exif Print) compliant) / Design rule for Camera File system and DPOF ver. 1.1 compliant), RAW (14bit, Canon original RAW 2nd edition), RAW+JPEG
Movies	MP4 (Video: MPEG-4 AVC / H.264, Audio: MPEG-4 AAC-LC (stereo)) 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
Intelligent Orientation Sensor	Yes
Histogram	Yes, live histogram

Technical Specifications

Playback zoom Self-Timer Menu Languages

Yes, enabled in 10 steps
Approx. 2 or 10 sec., Custom
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 Other Computer/Other

Hi-Speed USB (MTP, PTP) DIGITAL connector
HDMI Mini Connector
Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only), with Dynamic NFC support ⁽¹¹⁾

MEMORY CARD

Type

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

SUPPORTED OPERATING SYSTEM

PC & Macintosh

Windows 10 / 8 / 8.1 / 7 SP1 ⁽¹⁸⁾
Mac OS X 10.9 / 10.10

For Wi-Fi connection to a PC:
Windows 10 / 8 / 8.1 / 7 SP1
Mac OS X 10.9 / 10.10

For Image Transfer Utility:
Windows 10 / 8 / 8.1 / 7 SP1
Mac OS X 10.9 / 10.10

SOFTWARE

Other

CameraWindow DC
Map Utility
Image Transfer Utility
Camera Connect available on iOS and Android devices
Digital Photo Professional for RAW development

Image Manipulation

POWER SOURCE

Batteries

Rechargeable Li-ion Battery NB-13L (battery and charger supplied)

Battery life

Approx. 220 shots
Eco mode approx. 335 shots
Approx. 300 min. playback

A/C Power Supply

Optional, AC Adapter Kit ACK-DC110
Charging via USB available with Compact Power Adapter CA-DC30E ⁽¹⁷⁾

ACCESSORIES

Cases / Straps

Soft Case DCC-1890
PowerShot Accessory Organizer

Flash

Canon High Power Flash HF-DC2

Power Supply & Battery Chargers

AC Adapter Kit ACK-DC110, Compact Power Adapter CA-DC30E, Battery Charger CB-2LHE

Other

Interface cable IFC-600PCU

PHYSICAL SPECIFICATIONS

Operating Environment

0 – 40 °C, 10 – 90% humidity

Dimensions (W x H x D)

98.0 x 57.9 x 30.8 mm

Weight

Approx. 209 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. (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.
⁽¹⁵⁾ ISO sensitivity denotes Recommended Exposure Index
⁽¹⁶⁾ Auto ND Filter not available in Movie Mode.
⁽¹⁷⁾ Charging via USB requires Interface Cable IFC-600PCU (Sold separately) or similar cable with USB Micro-B to USB type-A connectors
⁽¹⁸⁾ Software applications compatible with Windows 10 in Windows 10 Desktop Mode only

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: November 2015



Product Details:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
PowerShot G9 X Black	0511C002	4549292051773	CHF 498.00
PowerShot G9 X Silver	0924C002	4549292051841	CHF 498.00

Optional Accessories:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
Battery Pack NB-13L	9839B001	4549292020502	CHF 98.00
Battery charger CB-2LHE	9841B001	4549292020625	CHF 88.00
AC Adapter Kit ACK-DC110	9838B003	4549292020694	CHF 118.00
Compact Power Adapter CA-DC30E	0993C001	4549292054446	CHF 78.00
Interface Cable IFC-600PCU (camera end: Micro-B)	1015C001	4549292054378	CHF 38.00
HDMI Cable (camera end: type D)	2384B001	4960999530383	CHF 78.00
High-Power Flash HF-DC2	5189B001	4960999782232	CHF 158.00
Textile PowerShot Accessory Organizer	0036X433	8714574583167	CHF 28.00
Textile Travel Case DCC-2500	0038X887	8714574610320	CHF 48.00
PU Leather Camera Jacket DCC-1890	0041X473	8714574632506	CHF 48.00

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Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Gross Weight (kg)
Digital Camera PowerShot G9 X BK EU23	0511C002AA	EA	Each	1	138	67	159	0.596
		CT	Carton	15	447	356	214	9.83
		EP	Euro Pallet	300	1200	800	1220	207
			Layers per Pallet	5				
			Cartons per Layer	4				
			Products per layer	60				

What's in the box?

- Digital Camera PowerShot G9 X
- Wrist Strap WS-DC12
- Battery Pack NB-13L
- Battery Charger CB-2LHE
- AC cable
- User manual Kit