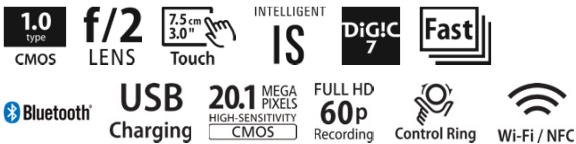


PowerShot G9 X Mark II

Pocketable performance – premium results

Expert quality in a connected camera that's ideal as a smartphone companion. A 1.0 type sensor, bright f/2.0-4.9 lens and superior DIGIC 7 ensure DSLR-like creativity with as much or as little control as you like.



- A truly pocketable, superfast camera with large sensor, DIGIC 7 and optical image stabilisation for superb results
- Enjoy as much or as little control as you want with a simple Lens Control Ring and intuitive touchscreen
- Shoot and share great Full HD 60p movies with creative control and Dynamic IS for rock steady results
- Explore your creativity with enhanced Star Mode, Handheld HDR and Short Clip movie
- Easily connect to smart devices, shoot remotely and share or back up your creations with Wi-Fi*, NFC and Bluetooth®

* Wi-Fi connectivity and features vary by model and region.

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Product Range



PowerShot G5 X



PowerShot G7 X MARK II



PowerShot G9 X Mark II

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

Technical Specifications

IMAGE SENSOR

Type	1.0 type back-illuminated CMOS
Effective Pixels	Approx. 20.1M (Aspect ratio 3:2) ^[14]
Effective / Total Pixels	Approx. 20.9M

IMAGE PROCESSOR

Type	DIGIC 7
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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 ^[11]) Combined approx. 12x f/2.0 - f/4.9
Maximum f/number	
Construction	8 elements in 6 groups (2 double sided aspherical UA lens, 1 single sided aspherical lens)
Image Stabilisation	Yes (lens shift-type), approx. 3.5-stop ^[13] Intelligent IS with 5-axis Advanced Dynamic IS & Auto Level

FOCUSING

Type	TTL
AF System/ Points	AiAF (31-point, Face Detection or Touch AF with Object and Face Select and Track), 1-point AF (any position is available within approx. 90% of the frame or fixed centre)
AF Modes	Single, Continuous, Servo AF/AE [6], Touch AF
AF Point Selection	Size (Normal, Small)
AF Lock	Yes, via customisable Movie Record Button
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
AE Lock	Yes, AEL function available as touch button on-screen. Also available via customisable Movie Record Button
Exposure Compensation	+/- 3 EV in 1/3 stop increments Auto Lighting Optimizer
AEB	ND Filter (3-stop) On / Auto / Off ^[14] +/- 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 s (Auto Mode) 1/8 – 1/2000 s (Movie Mode) BULB, 30 – 1/2000 s (total range – varies by shooting mode) ^[19]
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WHITE BALANCE

Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash, Custom, Color temp (Kelvin) White Balance Compensation Colour adjustment in Star mode

LCD MONITOR

Monitor	7.5 cm (3.0") Touchscreen LCD (TFT), 3:2 aspect ratio. Approx. 1,040,000 dots. Electrostatic capacitance type. Reinforced glass cover panel.
Coverage	Approx. 100%
Brightness	Adjustable to one of five levels. Quick-bright LCD available via holding INFO Button Night Display Mode available
FLASH	
Modes	Auto, Manual Flash On / Off, Slow Synchro
Slow Sync Speed	Yes. Fastest speed 1/2000 s
Red-Eye Reduction	Yes
Flash Exposure Compensation	+/- 2 EV in 1/3 stop increments. Face Detection FE, Safety FE
Flash Exposure Lock	Yes, available via AEL touch button on-screen. Also available via Movie Record Button when customised to AEL function
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), Hybrid Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, SCN (Portrait, Panning, Star (Star Nightscape, Star Trails, Star Portrait, Star Time-Lapse Movie), Handheld Night Scene, Grainy B/W, Background Defocus, Soft Focus, Fish-eye Effect, Art bold effect, Water painting effect, Toy Camera Effect, Miniature Effect, High Dynamic Range, Fireworks), Movie (Standard, Short Clip, Manual, Time-lapse movie, iFrame movie)
Photo Effects	Picture Styles (Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined x3 (Sharpness (Strength, Fineness, Threshold), Contrast, Color Saturation, Color Tone, Filtering Effect, Toning))
Drive modes	Single, Auto Drive, Continuous, Continuous with AF, Self-Timer
Continuous Shooting	Approx. 8.2 shots/s for up to 21 frames in RAW Approx. 8.1 shots/s for up to 38 frames in JPEG With AF: Approx. 5.3 shots/s for up to 102 frames in JPEG Low-speed Continuous Shooting Mode available at approx. 4 shots/s until memory card becomes full in JPEG and for up to 27 frames in RAW ^{[3] [20]}

RECORDING PIXELS / COMPRESSION

Image Size	3:2 - (RAW, L) 5472 x 3648, (M) 3648 x 2432, (S1) 2736 x 1824, (S2) 2400 x 1600 4:3 - (RAW, L) 4864 x 3648, (M) 3248 x 2432, (S1) 2432 x 1824, (S2) 2112 x 1600 16:9 - (RAW, L) 5472 x 3072, (M) 3648 x 2048, (S1) 2736 x 1536, (S2) 2400 x 1344 1:1 - (RAW, L) 3648 x 3648, (M) 2432 x 2432, (S1) 1824 x 1824, (S2) 1600 x 1600 In-camera RAW processing & Resize available RAW, Fine, Normal 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 (Full HD & HD) Up to 4 GB or 29 min 59 s ^[7] (L) Up to 4 GB or 1 hour ^[4]
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Technical Specifications

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 (14bit, Canon original RAW 2nd edition), RAW+JPEG

Movies

MP4 [Video: MPEG-4 AVC / H.264, Audio: MPEG-4 AAC-LC (stereo)]
iFrame

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

Playback zoom

Yes

Self Timer

Approx. 2, 10 s or 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 dedicated connector (Micro-B compatible)

Other

HDMI Micro (Type-D) Connector

Computer/Other

Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only), with Dynamic NFC support^[11]

Bluetooth® (Specification version 4.1, Bluetooth low energy technology)^[21]

MEMORY CARD

Type

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

SUPPORTED OPERATING SYSTEM

PC & Macintosh

Windows 10 / 8.1 / 8 / 7 SP1^[18]
Mac OS X 10.9 / 10.10 / 10.11 / 10.12

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

For Image Transfer Utility:
Windows 10 / 8.1 / 8 / 7 SP1
Mac OS X 10.9 / 10.10 / 10.11 / 10.12

SOFTWARE

Other

CameraWindow DC
Map Utility
Image Transfer Utility

Image Manipulation

Camera Connect app available on iOS and Android devices
Digital Photo Professional for RAW development

POWER SOURCE

Batteries

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

Battery life

Approx. 235 shots
Eco mode approx. 355 shots
Approx. 300 min playback

A/C Power Supply

Charging via USB available with Compact Power Adapter CA-DC30E^[17] or other typical USB charging methods

ACCESSORIES

Cases / Straps

Soft Case DCC-1890
PowerShot Accessory Organizer

Flash

Canon High Power Flash HF-DC2

Power Supply & Battery Chargers

Compact Power Adapter CA-DC30E
Battery Charger CB-2LHE

Other

Rechargeable Li-ion Battery NB-13L
Interface cable IFC-600PCU

PHYSICAL SPECIFICATIONS

Operating Environment

0 – 40 °C, 10 – 90% humidity

Dimensions (WxHxD)

98.0 x 57.9 x 31.3 mm

Weight

Approx. 206 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

^[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. Charging time varies depending on the remaining battery power.

^[18] Software applications compatible with Windows 10 in Windows 10 Desktop Mode only

^[19] Maximum shutter speed is limited at 256 s in BULB Mode

^[20] Sustained continuous shooting speed is tested based on Canon's testing standard. Function requires compatible SDHC/SDXC UHS Speed Class 1 memory card, total number of frames captured varies depending on shooting subject, settings and brand of memory card

^[21] Equipped with Bluetooth® low energy technology. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth

^[22] Bluetooth connection requires smart device to be equipped with Bluetooth version 4.0 (or later). Also requires smart device to be using operating system iOS 8.4 (or later) or Android 5.0 (or later) as well as latest version of Camera Connect app installed

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 2017



Product Details:

Product Name	Mercury Code	EAN Code
Digital Camera PowerShot G9 X Mark II BK	1717C002AA	4549292081039
Digital Camera PowerShot G9 X Mark II SL	1718C002AA	4549292081107

Optional Accessories:

Product Name	Mercury Code	EAN Code
Power Supply		
Battery Pack NB-13L	9839B001AA	4549292020502
Battery charger CB-2LHE	9841B001AA	4549292020625
Cables		
USB Cable IFC-600PCU	1015C001AA	4549292054378
Flash		
Compact Power Adapter CA-DC30	0993C001AA	4549292054446
Cases		
Textile PowerShot Accessory Organizer	0036X433	8714574583167
Textile Travel Case DCC-2500	0038X887	8714574610320
PU Leather Camera Jacket DCC-1890	0041X473	8714574632506
Image Storage		
Connect Station CS100	9899B007AA	8714574627731

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 Mark II BK	1717C002AA	EA	Each	1	143	156	63	0.538
Digital Camera PowerShot G9 X Mark II SL	1718C002AA	CT	Carton	15	452	330	188	9
		EP	Euro Pallet	375	1200	800	1090	232
			Layers per Pallet	5				
			Cartons per Layer	5				
			Products per layer	75				

What's in the box?

- Digital Camera PowerShot G9 X Mark II
- Wrist Strap WS-DC12
- Battery Pack NB-13L
- Battery Charger CB-2LHE
- AC Cable
- User Manual Kit