

PowerShot G5X Mark II

SHOOT BRIGHTER, FURTHER, FASTER

Powerful performance you can take anywhere – this premium compact camera uses a high-quality 5x zoom for superb results whatever you're photographing. A 20.1 megapixel 1.0-type CMOS sensor produces superior image quality in still photos and 4K movies.



- Power and portability
- Premium optics
- Responsive and intuitive
- Superb for movies too
- Smart sharing

24mm
WIDE
5x

20.1 MEGA
PIXELS
HIGH-SENSITIVITY
CMOS

4K

Bluetooth®

POP-UP EVF
2,360,000 dots

USB
Charging

PRODUCT RANGE



PowerShot
G1 X Mark III



PowerShot
G5 X Mark II



PowerShot G5 X

PowerShot G1 X Mark III
PowerShot G3 X

PowerShot G5 X MARK II

PowerShot G5 X
PowerShot G7 X Mark III
PowerShot G7 X Mark II
PowerShot G9 X Mark II

Canon

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TECHNICAL SPECIFICATIONS

PowerShot G5X Mark II

IMAGE SENSOR

Type	1.0 type stacked CMOS
Effective Pixels	Approx. 20.1M (Aspect ratio 3:2) ^[14]
Total Pixels	Approx. 20.9M
Colour Filter Type	Primary Colour

IMAGE PROCESSOR

Type	DIGIC 8
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LENS

Focal Length	8.8 – 44 mm (35 mm equivalent: 24 – 120 mm)
Zoom	Optical 5x ZoomPlus 10x Digital Approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x ^[11]) Combined approx. 20x

Maximum f/number

Construction	f/1.8-f/2.8 13 elements in 11 groups (3 double sided aspherical UA lens, 1 single sided aspherical UA lens and 1 UD lens)
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Image Stabilisation

	Yes (lens shift-type), approx. 4-stop ^[13] Intelligent IS with 5-axis Advanced Dynamic IS & Auto Level
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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 20 cm (Tele) from front of lens

EXPOSURE CONTROL

Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot Yes
AE Lock	Yes
Exposure Compensation	+/- 3 EV in 1/3 stop increments Auto Lighting Optimizer

AEB

ISO sensitivity	ND Filter (3-stop) On / Auto / Off ^[14] 1/3 – 2 EV in 1/3 stop increments 125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800 (Expanded: 25600) ^[15] AUTO ISO: 125 - 12800 (possible to set Max. ISO speed and rate of change)
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SHUTTER

Speed	1 – 1/2000 s (factory default) 30 - 1/25600 s (electronic shutter) 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 (Ambience priority / White priority), Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash, Custom, Color temp (Kelvin)

White Balance Compensation
Colour adjustment in Star mode

COLOUR MATRIX

Type	sRGB
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VIEWFINDER

Viewfinder	EVF (0.39 type), Approx. 2,360,000 dots, OLED type, sRGB colour reproduction Approx. 100%
Viewfinder / Coverage	Approx. 20 mm (from eyepiece lens centre)
Eye point / Dioptre Correction	-3.0 to +1 m-1 (dioptr)

LCD MONITOR

Monitor	Tilt type 7.5 cm (3.0") Touchscreen LCD (TFT), 3:2 aspect ratio, Approx. 1,040,000 dots. Capacitive type, sRGB colour reproduction
Coverage	Approx. 100%
Brightness	Adjustable to one of five levels. Night Display Mode available

FLASH

Modes	Auto, Manual Flash On / Off, Slow Synchro
X-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
Manual Power Adjustment	3 levels with internal flash
Second Curtain Synchronisation	Yes
Built-in Flash Range	50 cm – 7.0 m (W) / 40 cm – 4.0 m (T)
External Flash	Canon High Power Flash HF-DC2

SHOOTING

Modes	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, Hybrid Auto, SCN (Portrait, Self-Portrait, Panning, Star (Star Portrait, Star Nightscape, Star Trails, Star Time-Lapse Movie), Handheld Night Scene, High Dynamic Range, Fish- eye Effect, Oil Painting Effect, Water-Painting Effect, Miniature Effect, Toy Camera Effect, Background Defocus, Soft Focus, Grainy B/W, Underwater, Fireworks), Standard Movie, Short Clip, Manual Movie, Time-Lapse 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. 20.0 shots/s for up to 89 frames in C-Raw, 55 frames in RAW, and 118 frames in JPEG With AF: Approx. 8 shots/s for up to 320 frames in JPEG ^[20] RAW Burst Mode: Approx 30shots/s for Approx 70 frames

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
Compression	RAW, C-Raw, Fine/Normal JPEG
Movies	(4K) 3840 x 2160, 29.97 / 25fps (Full HD) 1920 x 1080, 119.9 / 100 / 59.94 / 50 / 29.97 / 25 fps (HD) 1280 x 720, 50 fps (4K) Up to 9 min 59 s (Full HD & HD) Up to 4 GB or 29 min 59 s ^[7]
Movie Length	

FILE TYPES

Still Image Type	JPEG compression [Exif 2.31 [Exif Print] compliant] / Design rule for Camera File system and DPOF ver. 1.1 compliant), RAW (14bit, Canon original RAW 3rd edition), RAW+JPEG
Movies	MP4 [Video: MPEG-4 AVC / H.264, Audio: MPEG-4 AAC-LC (stereo)]



TECHNICAL SPECIFICATIONS

PowerShot G5X Mark II

DIRECT PRINT

Canon Printers

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

PictBridge

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

Playback zoom

Yes

Self Timer

Approx. 2, 10 s or Custom

Menu Languages

English, German, French, Dutch, Danish, Finnish, Italian, Greek, Norwegian, Persian, Portuguese, Russian, Swedish, Spanish, Ukrainian, Polish, Czech, Hungarian, Turkish, Simplified Chinese, Chinese (traditional), Japanese, Korean, Thai, Arabic, Romanian, Hindi, Malay, Persian, Indonesian, Vietnamese, Hebrew

INTERFACE

Computer

Hi-Speed USB dedicated connector (USB C)

Other

HDMI Micro (Type-D) Connector

Computer/Other

Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only)

MEMORY CARD

Type

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

SUPPORTED OPERATING SYSTEM

PC & Macintosh

For version information see relevant software pages

For Wi-Fi connection to a PC:
Windows
MacOS

For Image Transfer Utility:
Windows
MacOS^[18]

SOFTWARE

Other

CameraWindow DC
Map Utility
Image Transfer Utility

Camera Connect app available on iOS and Android devices

Image Manipulation

Digital Photo Professional for RAW development

POWER SOURCE

Batteries

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

Battery life

Approx. 230 shots
Approx. 180 shots with EVF
Eco mode approx. 320 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

PowerShot Accessory Organizer

Remote Controller/ Switch Power Supply & Battery Chargers

Wireless Remote Control BR-E1
USB Power Adapter PD-E1
Battery Charger CB-2LHE
Rechargeable Li-ion Battery NB-13L
Interface Cable IFC-100U

Other

PHYSICAL SPECIFICATIONS

Operating Environment

0 – 40 °C, 10 – 90% humidity

Dimensions (W x H x D)

110.9 x 60.9 x 46 mm

Weight

Approx. 340 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.

Footnotes

[1] Depending on the image size selected.

[2] Some settings limit availability.

[3] 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.

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

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

[6] ISO sensitivity denotes Recommended Exposure Index

[7] Auto ND Filter not available in Movie Mode.

[8] 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.

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

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



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Canon Inc.
canon.com
Canon Europe
canon-europe.com
English edition
Canon Europa NV 2019

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Sales Start Date: August 2019



PRODUCT DETAILS:

Product Name	Mercury Code	EAN Code
PowerShot G5 X Mark II	3070C002AA	4549292119091
PowerShot G5 X Mark II battery kit	3070C014AA	8714574663999

OPTIONAL ACCESSORIES:

Product Name	Mercury Code	EAN Code
Power Supply		
Battery Pack NB-13L	9839B001AA	4549292020502
Battery charger CB-2LHE	9841B001AA	4549292020625
USB Power Adapter PD-E1	3250C003AA	4549292125412
Cases		
Textile PowerShot Accessory Organizer	0036X433	8714574583167
Miscellaneous		
Interface Cable IFC-100U	3224C001AA	4549292124200
Wireless Remote-Control BR-E1	2140C001AA	4549292087864

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MEASUREMENT / LOGISTIC INFORMATION:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Gross Weight (kg)
PowerShot G5 X Mark II	3070C002AA	EA	Each	1	15.9	14.8	7.4	0.701
		CT	Carton	10	39.1	31.4	18.6	7.65
		EP	Euro Pallet	300	120	80	108	240
			Layers per Pallet	5				
			Cartons per Layer	6				
			Products per layer	60				

What's in the box?

- Digital Camera PowerShot G5 X Mark II Black
- Wrist Strap WS-DC12
- Battery Pack NB-13L
- Battery Charger CB-2LHE
- AC Cable (E)
- User Manual Kit

MEASUREMENT / LOGISTIC INFORMATION:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Gross Weight (kg)
PowerShot G5 X Mark II battery kit	3070C014AA	EA	Each	1	15.9	14.8	7.4	0.723
		CT	Carton	10	39.1	31.4	18.6	7.88
		EP	Euro Pallet	300	120	80	108	246
			Layers per Pallet	5				
			Cartons per Layer	6				
			Products per layer	60				

What's in the box?

- Digital Camera PowerShot G5 X Mark II Black
- Wrist Strap WS-DC12
- 2 x Battery Pack NB-13L
- Battery Charger CB-2LHE
- AC Cable (E)
- User Manual Kit

