

# 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) <sup>[14]</sup>
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 <sup>[11]</sup> ) 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 <sup>[13]</sup> Intelligent IS with 5-axis Advanced Dynamic IS & Auto Level
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## 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 or fixed centre)

## AF Modes

AF Point Selection	Single, Continuous, Servo AF/AE <sup>[6]</sup> , Touch AF 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
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## 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 <sup>[14]</sup> 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) <sup>[15]</sup>  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) <sup>[19]</sup>
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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
Viewfinder / Coverage	Approx. 100%
Eyepoint / Dioptre Correction	Approx. 20 mm (from eyepiece lens centre) -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.
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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 <sup>[20]</sup>  
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
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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

Movie Length  
(4K) Up to 9 min 59 s  
(Full HD & HD) Up to 4 GB or 29 min 59 s <sup>[7]</sup>

## 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<sup>[18]</sup>

## 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<sup>[17]</sup> or other typical USB charging methods

## ACCESSORIES

### Cases / Straps

Soft Case DCC-1880  
PowerShot Accessory Organizer

## Flash

### Remote Controller/ Switch Power Supply & Battery Chargers

Canon High Power Flash HF-DC2  
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

<sup>[1]</sup> Depending on the image size selected.

<sup>[2]</sup> Some settings limit availability.

<sup>[3]</sup> 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.

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

<sup>[5]</sup> Image processing may cause a decrease in the number of pixels.

<sup>[6]</sup> ISO sensitivity denotes Recommended Exposure Index

<sup>[7]</sup> Auto ND Filter not available in Movie Mode.

<sup>[8]</sup> 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.

<sup>[9]</sup> Software applications compatible with Windows 10 in Windows 10 Desktop Mode only

<sup>[10]</sup> Maximum shutter speed is limited at 256 s in BULB Mode

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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	Recommended Retail Price
PowerShot G5 X Mark II	3070C002AA	4549292119091	<Please fill in RRP>

#### OPTIONAL ACCESSORIES:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
<b>Power Supply</b>			
Battery Pack NB-13L	9839B001AA	4549292020502	<Please fill in RRP>
Battery charger CB-2LHE	9841B001AA	4549292020625	<Please fill in RRP>
USB Power Adapter PD-E1	3250C003AA	4549292125412	<Please fill in RRP>
<b>Flashes + Accessories</b>			
High-Power Flash HF-DC2	5189B001BA	4960999782232	<Please fill in RRP>
Off Camera Shoe Cord OC-E3	1950B001AA	4960999417271	<Please fill in RRP>
Remote Switch RS-60E3	2469A002AA	4960999581354	<Please fill in RRP>
Speedlite 270EX II EUR	5247B003AA	4960999783246	<Please fill in RRP>
Speedlite 320EX EUR	5246B003AA	4960999786032	<Please fill in RRP>
Speedlite 430EX II EUR	2805B003AA	4960999617947	<Please fill in RRP>
Speedlite 580EX II	1946B003AA	4960999417165	<Please fill in RRP>
Speedlite 600EX EUR	5739B003AA	4960999810195	<Please fill in RRP>
Speedlite 600EX-RT EUR	5296B003AA	4960999786100	<Please fill in RRP>
Speedlite Bracket SB-E2	1949B001AA	4960999417264	<Please fill in RRP>
Speedlite Transmitter ST-E2	2478A004AA	4960999581538	<Please fill in RRP>
Speedlite Transmitter ST-E3-RT	5743B003AB	4960999810232	<Please fill in RRP>
<b>Cases</b>			
Textile PowerShot Accessory Organizer	0036X433	8714574583167	<Please fill in RRP>
Textile Travel Case DCC-2500	0038X887	8714574610320	<Please fill in RRP>
PU Leather Camera Jacket DCC-1850	0041X472	8714574632490	<Please fill in RRP>
<b>Miscellaneous</b>			
Wireless Remote-Control BR-E1	2140C001AA	4549292087864	<Please fill in RRP>

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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

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