

PowerShot G5X

Premium quality and expert control with classic handling

Enjoy expert results, ultimate control and superb usability with this premium Wi-Fi compact, which features a bright f/1.8-2.8 lens and 1.0-type sensor plus a large, high quality viewfinder for DSLR-like handling.



f/1.8-2.8 ZOOM LENS
1.0 CMOS
OLED EVF 2,360,000 dots
DIGIC 6
24mm WIDE 4.2x

Control Ring
7.5cm / 3.0" Vari-angle LCD



- Expertly capture stunning images with a bright f/1.8-2.8 lens, 1.0-type sensor and large electronic viewfinder.
- 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.
- Enjoy full creative control and shoot confidently with fast, accurate autofocus plus 5.9 fps continuous shooting.
- Shoot stunning 60p Full HD movies with creative control of aperture, shutter speed and ISO. Keep footage steady with Advanced Dynamic IS.
- Capture superb macro and portrait shots with expert control of depth over field for beautiful creative blur.

Product Range



PowerShot G3 X



PowerShot G5 X



PowerShot G7 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	8.8 – 36.8 mm (35 mm equivalent: 24 – 100 mm)
Zoom	Optical 4.2x ZoomPlus 8.4x Digital Approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x ⁽¹⁾) Combined approx. 17x
Maximum f/number	f/1.8 - f/2.8
Construction	11 elements in 9 groups (1 double sided aspherical lens, 1 single sided aspherical UA lens, 1 single sided aspherical lens and 1 UD lens)
Image Stabilisation	Yes (lens-shift type), approx. 3-stop ⁽¹³⁾ Intelligent IS with 5-axis Advanced Dynamic IS

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 40 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
Viewfinder	EVF (0.39 type), Approx. 2,360,000 dots, OLED
Viewfinder / Coverage	Approx. 100 %
Eyepoint / Dioptre Correction	Approx. 22 mm (from eyepiece lens centre) -3.0 to +1 m-1 (dioptre)

LCD MONITOR

Monitor	Vari-angle 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 (up to 19 levels with external EX Speedlites 270EX II, 320EX, 430EX, 430EX II, 22 levels with 430EX III-RT, 580EX II and 600EX-RT ⁽²⁾)
Second Curtain Synchronisation	Yes
Built-in Flash Range	50 cm – 7.0 m (W) / 50 cm – 4.0 m (T)
External Flash	E-TTL with EX series Speedlites ⁽²⁾ 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, Self-Portrait, 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. 5.9 shots/sec ⁽¹²⁾ with AF: Approx. 4.4 shots/sec (all speeds are until memory card becomes full) ⁽³⁾⁽⁴⁾

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 408 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 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

Technical Specifications

Movie Length

(Full HD & HD) Up to 4 GB or 29 min. 59 sec. ⁽⁷⁾
(L) Up to 4 GB or 1 hour ⁽⁴⁾
(Star Time-Lapse Movie) up to 128 sec

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

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

Playback zoom

Yes, enabled in 10 steps

Self-Timer

Approx. 2 or 10 sec., 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 (MTP, PTP) DIGITAL connector

Other

HDMI Micro Connector
Remote Switch Connector

Computer/Other

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. 210 shots
Approx.. 215 shots with in-built EVF

Eco mode approx. 320 shots
Approx. 240 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

Camera Jacket DCC-1850
Neck Strap NS-DC12
PowerShot Accessory Organizer

Flash

Canon Speedlite (including 270EX, 270EX II, 320EX, 430EX, 430EX II, 430EX III-RT, 580EX, 580EX II and 600EX-RT ⁽²⁾)
Speedlite Transmitter (ST-E3-RT, ST-E2)
Speedlite Bracket SB-E2
Off-Camera Shoe Cord OC-E3
Canon High Power Flash HF-DC2

Remote Controller/ Switch

Remote Switch RS-60E3

Power Supply & Battery Chargers

AC Adapter Kit ACK-DC110, Compact Power Adapter

Other

CA-DC30E, Battery Charger CB-2LHE

Other

Interface cable IFC-600PCU

PHYSICAL SPECIFICATIONS

Operating Environment

0 – 40 °C, 10 – 90 % humidity

Dimensions (WxHxD)

112.4 mm x 76.4 mm x 44.2 mm

Weight

Approx. 377 g (including battery and memory card)

Footnotes

- ⁽¹⁾ Depending on the image size selected.
- ⁽²⁾ Not all functions of the flash are supported.
- ⁽³⁾ Under conditions where the flash does not fire.
- ⁽⁴⁾ Depending on memory card speed / capacity / compression setting.
- ⁽⁵⁾ 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 G5 X Black	0510C002	4549292052893	CHF 798.00

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 (Micro-B on camera end)	1015C001	4549292054378	CHF 38.00
HDMI Cable (type D on camera end)	2384B001	4960999530383	CHF 78.00
High-Power Flash HF-DC2	5189B001	4960999782232	CHF 158.00
Off Camera Shoe Cord OC-E3	1950B001	4960999417271	CHF 108.00
Remote Switch RS-60E3	2469A002	4960999581354	CHF 38.00
Speedlite 270EX II	5247B003	4960999783246	CHF 208.00
Speedlite 320EX	5246B003	4960999786032	CHF 328.00
Speedlite 430EX II	2805B003	4960999617947	CHF 328.00
Speedlite 600EX-RT	5296B003	4960999786100	CHF 718.00
Speedlite Bracket SB-E2	1949B001	4960999417264	CHF 278.00
Speedlite Transmitter ST-E2	2478A004	4960999581538	CHF 248.00
Speedlite Transmitter ST-E3-RT	5743B003	4960999810232	CHF 328.00
Textile PowerShot Accessory Organizer	0036X433	8714574583167	CHF 28.00
Textile Travel Case DCC-2500	0038X887	8714574610320	CHF 48.00
PU Leather Camera Jacket DCC-1850	0041X472	8714574632490	CHF 58.00

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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 G5 X BK EU23	0510C002AA	EA	Each	1	166	181	90	0.825
		CT	Carton	10	468	351	226	9.07
		EP	Euro Pallet	160	1200	800	1054	155
			Layers per Pallet	4				
			Cartons per Layer	4				
			Products per layer	40				

What's in the box?

- Digital Camera PowerShot G5 X
- Neck Strap NS-DC12
- Strap Adapter
- Battery Pack NB-13L
- Battery Charger CB-2LHE
- AC cable
- User manual Kit