

TECHNICAL SPECIFICATIONS

PowerShot G5X Mark II

IMAGE SENSOR		VIEWFINDER	
Type	1.0 type stacked CMOS	Viewfinder	EVF (0.39 type). Approx. 2,360,000 dots. OLED type, sRGB colour reproduction
Effective Pixels	Approx. 20.1M (Aspect ratio 3:2) ^[14]	Viewfinder / Coverage	Approx. 100%
Total Pixels	Approx. 20.9M	Eyepoint / Dioptre Correction	Approx. 20 mm (from eyepiece lens centre) -3.0 to +1 m-1 (dioptre)
Colour Filter Type	Primary Colour		
IMAGE PROCESSOR		LCD MONITOR	
Type	DIGIC 8	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
LENS		Coverage	Approx. 100%
Focal Length	8.8 – 44 mm (35 mm equivalent: 24 – 120 mm)	Brightness	Adjustable to one of five levels. Night Display Mode available
Zoom	Optical 5x ZoomPlus 10x Digital Approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x ^[11]) Combined approx. 20x	FLASH	
Maximum f/number	f/1.8-f/2.8	Modes	Auto, Manual Flash On / Off, Slow Synchro
Construction	13 elements in 11 groups (3 double sided aspherical UA lens, 1 single sided aspherical UA lens and 1 UD lens)	X-Sync Speed	Yes. Fastest speed 1/2000 s
Image Stabilisation	Yes (lens shift-type), approx. 4-stop ^[13] Intelligent IS with 5-axis Advanced Dynamic IS & Auto Level	Red-Eye Reduction	Yes
FOCUSING		Flash Exposure Compensation	+/- 2 EV in 1/3 stop increments. Face Detection FE, Safety FE
Type	TTL	Flash Exposure Lock	Yes
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)	Manual Power Adjustment	3 levels with internal flash
AF Modes	Single, Continuous, Servo AF/AE ^[6] , Touch AF	Second Curtain Synchronisation	Yes
AF Point Selection	Size (Normal, Small)	Built-in Flash Range	50 cm – 7.0 m (W) / 40 cm – 4.0 m (T)
AF Lock	Yes, via customisable buttons	External Flash	Canon High Power Flash HF-DC2
AF Assist Beam	Yes	SHOOTING	
Manual Focus	Yes, plus MF Peaking	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,
Focus Bracketing	Yes	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])
Closest Focusing Distance	5 cm (Wide) from front of lens 20 cm (Tele) from front of lens	Drive modes	Single, Auto Drive, Continuous, Continuous with AF, Self-Timer
EXPOSURE CONTROL		Continuous Shooting	Approx. 20.0 shots/s for up to 89 frames in C-RAW, 55 frames in RAW, and 118 frames in JPEG
Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot		With AF: Approx. 8 shots/s for up to 320 frames in JPEG ^{[3] [29]} RAW Burst Mode: Approx 30shots/s for Approx 70 frames
AE Lock	Yes	RECORDING PIXELS / COMPRESSION	
Exposure Compensation	+/- 3 EV in 1/3 stop increments Auto Lighting Optimizer	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
AEB	ND Filter (3-stop) On / Auto / Off ^[14]	Compression	In-camera RAW processing & Resize available
ISO sensitivity	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]	Movies	RAW, C-RAW, Fine/Normal JPEG (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]
SHUTTER		Movie Length	
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]	FILE TYPES	
WHITE BALANCE		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
Type	TTL	Movies	MP4 [Video: MPEG-4 AVC / H.264, Audio: MPEG-4 AAC-LC (stereo)]
Settings	Auto (Ambience priority / White priority), Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash, Custom, Color temp (Kelvin)		
COLOUR MATRIX			
Type	sRGB		



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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		
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		
SOFTWARE			
Other	CameraWindow DC Map Utility Image Transfer Utility Camera Connect app 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. 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	Wireless Remote Control BR-E1
		Power Supply & Battery Chargers	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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