Pye	DIGITAL CAMERA		PowerShot G7 X Mark II
Effective Plant Approx. 2014 A	IMAGE SENSOR		
### CROCKSON Type		Туре	1.0 type back-illuminated CMOS
Moder Processors Figure		Effective Pixels	Approx. 20.1M (Aspect ratio 3:2) [14]
MADE PROCESSOR Type		Effective / Total Pixels	Approx. 20.9M
Second Content		Colour Filter Type	Primary Colour
Ses Focal Length S.B S.B. 8 mm (15 mm equivation 74 - 100 mm) Collect 4.20 Community - Control 4.20 Community - Sec. 4 (with Digital fele-Converter opprox. 1.6x or 2.0x (11) Commons opprox. 17X Community - Sec. 4 (with Digital fele-Converter opprox. 1.6x or 2.0x (11) Commons opprox. 17X	IMAGE PROCESSOR		
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Type		g .	
AAF System / Points (any position is oracidable or fixed centre) AF Modes Single, Continuous, Serve AF/AE [4], Touch AF AF Modes Single, Continuous, Serve AF/AE [4], Touch AF AF Assist Berem Yes, Manual Focus Yes, Plas MAP Peeking Focus Mountaines Map	FOCUSING		
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Exposure Compensation			
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ND Filter [3-stop] On / Auto / Off [16] AEB 1/3 - 2 EV in 1/3 stop increments 150 sensitivity 125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800 [15] AUTO ISC: 125 - 12800 [possible to set Max. ISO speed and rate of change] SHUTTER Speed 1 - 1/2000 s [factory default] 1/8 - 1/2000 s [factory default] 1/8 - 1/2000 s [Movie mode] 1818, 30 - 1/2000 s [Movie mode] 19] WHITE BALANCE Type Type Settings Auto [including Face Detection WB], Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Rash, Underwater, Custom. Color temp (Kelvin) White Balance Compensation White Balance Compensation in Underwater mode Colour adjustment in Star mode COLOUR MATRIX Type sRCB Monitor Coverage Approx. 100% Brightness Adjustable to one of five levels. Night Display Mode available FLASH Mades Adjustable to one of five levels. Night Display Mode available 1/2 EV in 1/3 stop increments, Face Detection FE, Safety FE Yes 1/2 EV in 1/3 stop increments, Face Detection FE, Safety FE Yes Scond Curtain Synchronisotion Bull-in Rash Range 50 cm - 7.0 m (W) / 40 cm - 4.0 m (T)		exposure compensation	
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### AUTO ISO: 125 - 12800 (possible to set Max. ISO speed and rate of change) ###################################			
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		External Flash	Canon High Power Hash Hr-DC2

SHOOTING Modes Smart Auto (58 scenes detected), Program AE, Shutter priority AE, Aperture priority AE Custom, Hybrid Auto, Creative Shot, SCN (Portrait, Self-Portrait, Panning, Star (Star Po Nightscape, Star Trails, Star Time-Lapse Movie), Handheld Night Scene, High Dynami Fish-eye Effect, Oli Pointing Effect, Water-Painting Effect, Miniature Effect, Toy Came Background Defocus, Soft Focus, Grainy ByW, Underwater, Fireworks), Standard Mov Clip, Manual Movie, Time-Lapse Movie, iFrame Movie Photo Effects Picture Styles (Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Mon User Defined x3 (Sharpness) (Strength, Fineness, Threshold), Contrast, Color Saturation Tone, Filtering Effect, Toning)) Drive modes Single, Auto Drive, Continuous, Continuous with AF, Self-Timer Approx. 8.0 shots/s for up to 19 frames in RAW and 30 frames in JPEG with AF: Approx. 5.4 shots/s for up to 46 frames in JPEG gig [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) 2738 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	ortrait, Star ic Range, era Effect, rie, Short
Custom, Hybrid Auto, Creative Shot, SCN (Portrait, Self-Portrait, Panning, Star (Star Pon Nightscape, Star Tiralis, Star Time-Lapse Movie), Handheld Night Scene, High Dynami Fish-eye Effect, Oil Painting Effect, Maint-Painting Effect, Moint-Painting Effect, Moy Came Background Defocus, Soft Focus, Grainy B/W, Underwater, Fireworks), Standard Mov Clip, Manual Movie, Time-Lapse Movie, iFrame Movie Photo Effects Picture Styles (Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Mon User Defined x3 (Sharpness (Strength, Fineness, Threshold), Contrast, Color Saturation Tone, Filtering Effect, Toning)) Drive modes Single, Auto Drive, Continuous, Continuous with AF, Self-Timer Approx. 8.0 shots/s for up to 19 frames in RAW and 30 frames in JPEG with AF: Approx. 5.4 shots/s for up to 46 frames in JPEG [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) 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	ortrait, Star ic Range, era Effect, vie, Short
User Defined x3 (Sharpness (Strength, Fineness, Threshold), Contrast, Color Saturation Tone, Filtering Effect, Toning)) Drive modes Single, Auto Drive, Continuous, Continuous with AF, Self-Timer Continuous Shooting Approx. 8.0 shots/s for up to 19 frames in RAW and 30 frames in JPEG with AF: Approx. 5.4 shots/s for up to 46 frames in JPEG [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	
Continuous Shooting Approx. 8.0 shots/s for up to 19 frames in RAW and 30 frames in JPEG with AF: Approx. 5.4 shots/s for up to 46 frames in JPEG [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	
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In-camera RAW processing & Resize available	
Compression 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]	
[L) UP TO 4 GB OF L MOUT [4]	
Still Image Type JPEG compression (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File systen ver. 1.1 compliant), RAW (14-bit, Canon original RAW 2nd edition), RAW+JPEG	n and DPOF
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 PictBrid	ge
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, Portugue Swedish, Spanish, Ukrainian, Polish, Czech, Hungarian, Turkish, Simplified Chinese, Ch (traditional), Japanese, Korean, Thai, Arabic, Romanian, Farsi, Hindi, Malay, Indonesi Vietnamese, Hebrew	ninese
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]	
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	
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	
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 Rechargeable Li-lon Battery NB-13L (battery and charger supplied) Battery life Approx. 265 shots Eco mode approx. 355 shots Approx. 300 min playback	

ACCESSORIES		
	Cases / Straps	Soft Case DCC-1880
		PowerShot Accessory Organizer
	Waterproof / Weatherproof Case	Waterproof Case (40m) WP-DC55
	Flash	Canon High Power Flash HF-DC2
	Power Supply & Battery Chargers	Compact Power Adapter CA-DC30E Battery Charger CB-2LHE Rechargeable Li-ion Battery NB-13L
	Other	Interface cable IFC-600PCU
PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 °C, 10 – 90% humidity
	Dimensions (WxHxD)	105.5 x 60.9 x 42.2 mm
	Weight	Approx. 319 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.

- [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