Canon
SEE IMPOSSIBLE

PowerShot
G1 X Mark III

Specifications

Type of Camera	
Type	Digital camera with built-in flash, 3x Optical, 4x Digital and 12x Combined Zoom with Optical Image Stabilizer
Image Capture Device	
Type	24.2 Megapixel*, APS-C CMOS (sensor aspect ratio 3:2) * Image processing may cause a decrease in the number of pixels.
Total Pixels	Approx. 25.8 megapixels
Effective Pixels	Approx. 24.2 megapixels
Lens	
Focal Length	15.0 (W) – 45.0 (T) mm (35mm film equivalent: 24–72mm)
Optical Zoom	3x
Digital Zoom	4x
Focusing Range	**Normal/Auto:** 3.9 in. (10cm) – infinity (W), 11.8 in. (30cm) – infinity (T) **Macro/Underwater Macro:** 3.9 in. – 1.6 ft. (10–50 cm) (W)
Autofocus System	TTL Autofocus, Manual Focus
Viewfinders	
Optical Viewfinder	Built-in electronic color viewfinder with 0.39-type screen size and approx. 2.36 million dots
LCD Monitor	3.0" TFT color liquid crystal type Vari-angle with electrostatic capacitance touchscreen panel
LCD Pixels	Approx. 1.04 million dots
LCD Coverage	Approx. 100%
Aperture & Shutter	
Maximum Aperture	f/2.8 (W), f/5.6 (T)
Shutter Speed	1–1/2000 sec. (in Auto mode) 30–1/2000 sec. (in all shooting modes) BULB (in M mode only) 1/8 minimum in Manual Movie Mode
Exposure Control	
Sensitivity	ISO 100–3200 (in Auto mode) Max. ISO Speed in P mode is ISO 25600
Light Metering Method	Evaluative, Center Weighted Average, Spot
Exposure Control Method	Manual Exposure, Program Shift, AE Lock, AE Bracketing
Exposure Compensation	±3 stops in 1/3-stop increments
White Balance	
White Balance Control	Auto, Day Light, Shade, Cloudy, Tungsten, Fluorescent, Flash, Underwater WB, Color Temperature

Flash	
Built-in Flash	Manual Pop-up Flash (Auto, On, Slow Synchro, Off)
Flash Range	1.6 ft. (50cm) – 29.5 ft. (9.0m) (W), 1.6 ft. (50cm) – 14.8 ft. (4.5m) (T)
Flash Exposure Compensation	±2 stops in 1/3-stop increments

Shooting Specifications	
Picture Style	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Def. 1–3
Self-Timer	Off, 2 sec., 10 sec., Custom
Wireless Control	Wi-Fi® / NFC / Bluetooth®
Continuous Shooting	**One Shot H:** Approx. 9.0 shots/sec. (max. approx. 24 shots for JPEG, 19 shots for RAW) **One Shot L:** Approx. 4.0 shots/sec. **Servo H:** Approx. 7.0 shots/sec. (max. approx. 29 shots) **Servo L:** Approx. 4.0 shots/sec.

Image Storage	
Storage Media	SD/SDHC/SDXC and UHS-I Memory Cards
File Format	Design rule for Camera File system (DCF) compliant; DPOF (Version 1.1) compatible
Image Recording Format	Fine/Normal
JPEG Compression Mode	**Still Image:** Exif. 2.3 (JPEG), RAW (Canon original: 14-bit, CR2) **Video:** MP4 (Image: MPEG-4 AVC/H.264; Audio: MPEG-4 AAC-LC (Stereo))

Number of Recording Pixels

	16:9	3:2	4:3	1:1
Large	6000 x 3368	6000 x 4000	5328 x 4000	4000 x 4000
Medium	3984 x 2240	3984 x 2656	3552 x 2664	2656 x 2656
Small 1	2976 x 1680	2976 x 1984	2656 x 1992	1984 x 1984
Small 2	2400 x 1344	2400 x 1600	2112 x 1600	1600 x 1600
RAW	6000 x 3368	6000 x 4000	5328 x 4000	4000 x 4000

Approx. Number of Shots per a Canon Metric 16GB SD Card

		16:9	3:2	4:3	1:1
Large	Fine	2168	1833	2058	2729
Large	Normal	3260	2760	3094	4117
Medium	Fine	3708	3114	3495	4627
Medium	Normal	5521	4671	5281	6941
Small 1 (S1)	Fine	5584	4717	5281	6941
Small 1 (S1)	Normal	7837	6656	7475	9916
Small 2 (S2)		9527	8098	8998	11851
RAW		450	450	450	450
RAW + JPEG		373	361	369	387

Time of Recordable Videos per a Canon Metric 16GB SD Card

Shooting Mode	Pixels	Frame Rate	Video Size (KB/sec.)	Approx. Recordable Time per a Memory Card	Single Clip Approx. Recording Time	Video Recording Bit Rate
Standard Movie	1920 x 1080 (Full HD)	59.94 fps	4288	59 min. 30 sec.	9 min. 59 sec.	Approx. 35 Mbps
		29.97 fps, 23.98 fps	2945	1 hr. 26 min. 5 sec.	29 min. 59 sec.	Approx. 24 Mbps
	1280 x 720 (HD)	29.97 fps	992	4 hrs. 5 min. 15 sec.	29 min. 59 sec.	Approx. 8 Mbps
	640 x 480 (VGA)	29.97 fps	382	10 hrs. 22 min. 35 sec.	59 min. 59 sec.	Approx. 3 Mbps

Interface

Audio Out	Stereo
Wired	Hi-Speed USB (Micro-B), HDMI (Type D)
Wireless	Wi-Fi®* **Specifications:** IEEE 802. 11b/g/n **Frequency:** 2.4 GHz **Channels:** 1–11 **Security:** WEP, WPA-PSK (AES/TKIP), WPA2-PSK (AES/TKIP) NFC** Bluetooth®*** **Version:** Ver. 4.0 * Compatible with iOS® versions 9.3/10.3, Android™ smartphone and tablet versions 4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app. ** Compatible with Android™ smartphone and tablet versions 4.4/5.0/5.1/6.0/7.0/7.1. *** Compatible with select smartphone and tablet devices (Android™ version 5.0 or later and the following iOS® devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen. or later) equipped with Bluetooth® version 4.0 or later and the Camera Connect App Ver. 2.1.30. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met.
Other	Direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers

Power Supply

Power Source	Battery Pack NB-13L, Battery Charger CB-2LH
Shooting Capacity	Approx. 200 shots with Screen On (CIPA compliant) Approx. 250 shots with ECO Mode
Playback Time	Approx. 4 hrs.

Physical Specifications

Operating Temperature	32–104°F / 0–40°C
Operating Humidity	10–90%
Dimensions (W x H x D)	Approx. 4.5 x 3.1 x 2.0 in. / 115.0 x 77.9 x 51.4mm
Weight	Approx. 14.1 oz. / 399g (including battery and memory card) Approx. 13.2 oz. / 375g (camera body only)