

# PowerShot G7 X MIII



## Pure Power At Your Fingertips

The PowerShot G7 X Mark III is a powerhouse compact camera offering unprecedented levels of control and incredible image quality in every shot. The camera features Canon's most recent processor; DIGIC8, coupled with a 1.0-type 20.1 megapixel Stacked CMOS sensor and 4.2x optical zoom lens, the camera is perfect for capturing photos and videos worthy of broadcasting and sharing with the world.

### Premium Quality Images

Combining a bright f/1.8-2.8 lens, 1.0 type CMOS Stacked sensor and DIGIC 8's new imaging capabilities, the PowerShot G7X Mark III provides greater flexibility to shoot in the trickiest conditions, even at full zoom.

### Livestreaming made easy

As well as offering 4K 30 movies with no crop, and Full HD 120p movies for slow motion, the G7 X M III features live streaming capabilities to YouTube.

### Never miss a moment

Enjoy RAW burst mode shooting at 30fps with 0.5sec pre shooting as well as continuous shooting speeds at 20fps (one shot) and 8.3fps (servo).

### Connect & Share

Built in Wi-Fi and Bluetooth allows you to instantly connect to your preferred device and share your images to your favourite social network sites.

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# Pure Power At Your Fingertips



RAW burst shooting mode at an outstanding 30fps with 0.5 seconds of pre-shooting



3" Touch Panel LCD tilts up 180° & allows you to quickly select AF points, take photos via Touch Shutter & review your images simply by swiping



Easily process your RAW images to JPEG in-camera, with the added ability to add effects via Creative Assist during processing



Diverse focal range in a 24-100mm f/1.8-2.8 fixed lens with 4.2x optical zoom



Fast, powerful and innovative, DIGIC 8 is Canon's most advanced imaging processor to date. It delivers stunning quality, seamless performance and intuitive operation



A large 1.0 type, 20.1MP Stacked CMOS sensor enables faster shooting speeds and a higher ISO (12800/ 25600 expanded)



**Creative Assist**

Creative Assist offers image effect options to apply to your photos you've taken, such as background blur, saturation and contrast



Make magic with 4K 30p movies with no crop, Full HD 120p movies are also available for optimal slow motion shooting. Added ability to livestream your videos directly to YouTube via Wi-Fi



**Wi-Fi  
Bluetooth®**

Built in Bluetooth & Wi-Fi makes it easy to transfer your images onto a smartphone for sharing to social media

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# TECHNICAL SPECIFICATIONS

# PowerShot G7 X MIII

<b>IMAGE SENSOR</b>	
Type	1.0 Stacked CMOS
Effective Pixels	Approx. 20.1 MP
Effective / Total Pixels	Approx. 20.9 MP
Aspect ratio	3:2
Colour Filter Type	Primary Colour
<b>IMAGE PROCESSOR</b>	
Type	DIGIC 8
<b>LENS</b>	
Focal Length	8.8 – 36.8 mm (35 mm equivalent: 24 – 100 mm)
Zoom	Optical 4.2x
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. 4-stop Intelligent IS with 5-axis Dynamic IS Movie: Dual Sensing IS and Horizontal level correction
<b>FOCUSING</b>	
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	Single, Continuous, Servo AF/AE, Touch AF
AF Point Selection	Size (Normal, Small)
AF Assist Beam	Yes- Built-in LED lamp
Manual Focus	Yes, plus MF Peaking. MF-Point zoom: Approx .5 x/ Approx .10x
Focus Bracketing	Yes
Closest Focusing Distance	5 cm (Wide) from front of lens 40 cm (Tele) from front of lens Infinity available
<b>EXPOSURE CONTROL</b>	
Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot Metering
AE Lock	Yes
Exposure Compensation	+/- 3 EV in 1/3 stop increments Auto Lighting Optimizer
AEB	ND Filter (3-stop) On / Auto / Manual/ Off [16] 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 - 3200
<b>SHUTTER</b>	
Speed	1 – 1/2000 s (factory default) 1/8 - 1/2000 s (Movie mode) BULB (M mode only), 30 – 1/25600 s (total range – varies by shooting mode)
<b>WHITE BALANCE</b>	
Type	TTL
Settings	Auto (Ambience and white priority), Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash, Custom  White Balance Correction Blue/Amber +/- 9 levels Green/Magenta +/- 9 levels
<b>COLOUR MATRIX</b>	
Type	sRGB

<b>FLASH</b>	
Type	Manual pop-up flash
Modes	Auto, Manual Flash On / Off, Slow Sync
Slow Sync Speed	Yes. Fastest speed 1/2000 s
Red-Eye Reduction	Yes
Flash Exposure Compensation	+/- 2 EV in 1/3 stop increments
Flash Exposure Lock	Yes
Curtain Synchronisation	Yes- First and second
Built-in Flash Range	50 cm – 7.5 m (W) / 40 cm – 5.0 m (T)
External Flash	EX-series Speedlite
<b>SHOOTING</b>	
Creative Filters (Post-processing)	Grainy B/W, Soft Focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect, Resize, Cropping, Red Eye correction.
Photo Effects	Creative Assist available. Single, Continuous (One shot: 20fps, Servo: 8.3fps, RAW burst mode: 30 fps with 0.5sec pre shooting), Self-Timer (2 sec, 10 sec, custom, remote shooting)
Picture Style	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Def, 1,2 & 3.
Shooting Speed	JPEG One Shot AF: High speed: 20fps, Low speed: 3 fps JPEG Servo AF: High speed: 8.3fps, Low speed: 3 fps RAW: High speed: 20 fps, Low speed: 3 fps C-RAW: High speed: 20 fps, Low speed: 3 fps RAW Burst: Continuous shooting speed: 29.97 fps (Required card performance: UHS-I [UHS Speed Class 3] and higher)
<b>RECORDING</b>	
Image Size	3:2 - (RAW, L) 5472 x 3648, (M) 3648 x 2432, (S1) 2736 x 1824, (S2) 2400 x 1600, (RAW) 5472 x 3648, (C-RAW) 5472 x 3648 4:3 - (RAW, L) 4864 x 3648, (M) 3248 x 2432, (S1) 2432 x 1824, (S2) 2112 x 1600, (RAW) 5472 x 3648, (C-RAW) 5472 x 3648 16:9 - (RAW, L) 5472 x 3072, (M) 3648 x 2048, (S1) 2736 x 1536, (S2) 2400 x 1344, (RAW), (C-RAW) 1:1 - (RAW, L) 3648 x 3648, (M) 2432 x 2432, (S1) 1824 x 1824, (S2) 1600 x 1600
Recording Format	Panoramic shooting (Horizontal and Vertical) available MP4, Video: MPEG-4 AVC/H.264, Audio: MPEG-4 AAC-LC (Stereo)- Recording level adjustment, wild filter and attenuator available.
Movies	(4K) 3840 x 2160 NTSC (29.97 fps)/ PAL (25.00 fps) 120 Mbps Single clip recording time: 9min 29sec Total recording time per memory card: 35min 29sec (Full HD) 1920 x 1080 NTSC (119.88 fps)/ PAL (100 fps) 120 Mbps Single clip recording time: 7min 29sec Total recording time per memory card: 35min 33sec 60 Mbps and 30 Mbps available in Full HD (HD) 1280 x 720, 29.97 NTSC (59.94 fps)/ PAL (50.00 fps) 26 Mbps Single clip recording time: 29min 59sec Total recording time per memory card: 2hr 42min 28sec
Recording Media	SD/SDHC/SDXC (Supports UHS-I)
<b>FILE TYPES</b>	
Still Image	JPEG/RAW (CR3 Canon original: 14-bit RAW format) RAW images are A/D converted into 12-bit format
Recording	Exif 2.31 (Dcf2.0)
<b>LCD MONITOR</b>	
Monitor	Tilt (upwards 180°. downwards 45°) 7.5 cm (3.0") Touchscreen (TFT colour liquid crystal). 3:2 aspect ratio. Approx. 1,040,000 dots. Electrostatic Capacitive type, Approx. 100%
Coverage	

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# TECHNICAL SPECIFICATIONS

# PowerShot G7 X MIII

<b>DIRECT PRINT</b> Canon Printers PictBridge	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers Yes (via USB or Wireless LAN)
<b>OTHER FEATURES</b> GPS Red-Eye Correction External Microphone Input Bluetooth/ Wi-Fi Histogram Playback zoom Menu Languages	GPS via Mobile (linked to a compatible smartphone) Yes, during shooting and playback Yes Yes/Yes Yes Yes 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
<b>INTERFACE</b> Computer Other Computer/Other	USB Type-. In –camera charging via USB cable (Using USB Power Adapter PD-E1) HDMI (Type-D) Connector Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only)
<b>MEMORY CARD</b> Type	SD, SDHC, SDXC (UHS Speed Class 1 compatible)
<b>SOFTWARE</b> Other Image Manipulation	CameraWindow DC Map Utility Image Transfer Utility 2 Camera Connect app available on iOS and Android devices Digital Photo Professional for RAW development

<b>POWER SOURCE</b> Batteries Battery life A/C Power Supply	Rechargeable Li-ion Battery NB-13L (battery and charger supplied). Charging time: 130min Approx. 235 shots Eco mode approx. 320 shots Approx. 5hr in playback Charging via USB available with Compact Power Adapter PD-E1 or other typical USB charging methods
<b>ACCESSORIES</b> Wireless Remote Control Flash Power Supply & Battery Chargers Other	BR-E1 Canon High Power Flash HF-DC2 USB Power Adapter PD-E1 Battery Charger CB-2LH/2LHE/2LHT Rechargeable Li-ion Battery NB-13L Interface cable IFC-100U Wrist Strap: WS-DC12
<b>PHYSICAL SPECIFICATIONS</b> Operating Environment Dimensions (WxHxD) Weight	0 – 40 ° C, 10 – 90% humidity 105.5 x 60.9 x 41.4 mm Approx. 304 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.

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[canon.com.au](http://canon.com.au)  
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