PowerShot G9 X

POCKET-SIZED PERFORMANCE

The PowerShot G9 X is a slim pocket-sized camera with premium image quality, The combination of a 1.0-type back-illuminated 20.2 Megapixel CMOS sensor with the exceptional speed of a DIGIC 6 processor delivers uncompromising image quality .

Pocketable power for stunning images
The PowerShot G9 X's 28mm wide-angle f/2–f/4.9, 3x optical zoom lens and the large 1.0-type CMOS sensor allow you to capture sharp, high-detailed images even when on the move or in challenging lighting conditions.

Intuitive control, timeless design
The PowerShot G9 X offers all the features you need to express your creativity and capture unexpected moments. Weighing in at just 209g and 30.8mm thickness, it's stylish compact design is perfectly suited for photographers who demand premium image quality whilst shooting on the move. The camera's intuitive & large 3.0" high-resolution touchscreen delivers simple creative fingertip control, with easy access to camera settings and functions.

Share your creativity
The PowerShot G9 X features a host of advanced creative modes and connectivity features. With built in Wi-Fi & Dynamic NFC connectivity, it's easy to transfer your photos and movies to your smart device and share directly with social networks

no one sees it like you

Canon

PowerShot G9 X

POCKET-SIZED PERFORMANCE

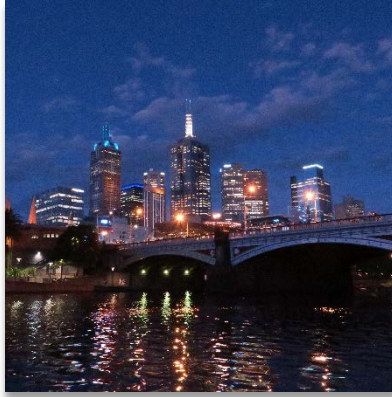**STYLISH COMPACT DESIGN**

Slim, pocket-sized camera featuring premium image quality and stylish design.
Available in Black or Silver

1.0 type CMOS

A large 1.0 type, 20.2MP CMOS sensor enables incredible image quality even in low light situations

Control Ring

Lens Control Ring can quickly assign control to various functions including aperture & shutter speed
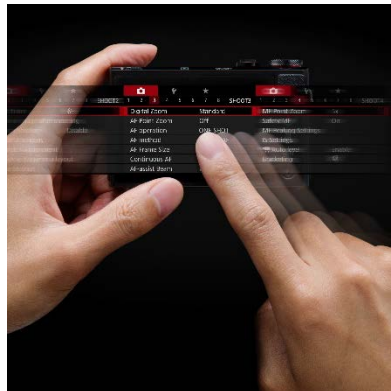
USB Charging

Connect to your computer to charge the battery via USB. Alternatively, a standalone battery charger is supplied

Touch Screen

Touch Panel LCD allows you to quickly select AF points, take photos via Touch Shutter & review your images simply by swiping

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

no one sees it like you

Canon

PowerShot G9 X

POCKET-SIZED PERFORMANCE

20.2 MEGA PIXELS HIGH-SENSITIVITY CMOS

A large 1.0 type 20.2 Megapixel CMOS sensor delivers incredible image quality even in low light situations. Bigger pixels offer increased dynamic range, so pictures contain extra detail in bright highlights and dark shadows..

28mm WIDE 3×

Canon High Performance 3x Optical Zoom lens features 28mm wide angle and fast f/2.0-f/4.9 aperture

DiG!C 6

Fast, powerful and innovative, DIG!C 6 is Canon's most advanced imaging processor to date. It commands cutting-edge technologies to deliver stunning quality, seamless performance and intuitive operation

HS SYSTEM

The Canon HS SYSTEM is fuelled by the processing power of DIGIC 6, partnered an advanced High-Sensitivity CMOS sensor featuring larger pixels to capture more light and deliver sharp, detailed images

RAW

Shoot in both RAW and/or JPEG for better image quality and increased flexibility in post processing

M Manual Control

Complete manual control including control ring and mode dial for fast and intuitive operation without looking at the menu screen

★★★ Star

A variety of shooting modes including Star Portrait, Star Trails, Star Nightscape and Star Time-Lapse Movie Mode for amazing night time images

no one sees it like you

Canon

PowerShot G9 X

IMAGE SENSOR	
Type	1.0 type back-illuminated CMOS
Effective Pixels	Approx. 20.2M (Aspect ratio 3:2) [14]
Effective / Total Pixels	Approx. 20.9M
Colour Filter Type	Primary Colour

IMAGE PROCESSOR	
Type	DIGIC 6 with iSAPS technology

LENS	
Focal Length	10.2 – 30.6 mm (35 mm equivalent: 28 – 84 mm)
Zoom	Optical 3x ZoomPlus 6x Digital Approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x [1]) Combined approx. 12x
Maximum f/number	f/2.0 - f/4.9
Construction	8 elements in 6 groups (2 double sided aspherical UA lens, 1 single sided aspherical 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	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 [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 35 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)

WHITE BALANCE	
Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Custom 1, Custom 2 Multi-area WB correction available in Smart Auto White Balance Compensation Colour adjustment in Star mode

COLOUR MATRIX	
Type	sRGB

LCD MONITOR	
Monitor	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
Second Curtain Synchronisation	Yes
Built-in Flash Range	50 cm – 6.0 m (W) / 50 cm – 2.4 m (T)
External Flash	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, Star (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. 6.0 shots/sec with AF: Approx. 4.3 shots/sec Upto 2000 frames [3][4][12]

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
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

For more information visit
canon.com.au

no one sees it like you

Canon

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
My Category	Image tagging feature
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 Mini Connector A/V output (PAL/NTSC) External microphone (3.5 mm Stereo mini jack) Headphone Output (3.5 mm jack)
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 8 / 8.1 / 7 SP1 Mac OS X 10.8 / 10.9 / 10.10 For Wi-Fi connection to a PC: Windows 8 / 8.1 / 7 SP1 only Mac OS X 10.8.2 or later / 10.9 / 10.10 For Image Transfer Utility: Windows 8 / 8.1 / 7 SP1 only Mac OS X 10.8.2 or later / 10.9 / 10.10

SOFTWARE	
Other	CameraWindow DC Map Utility Image Transfer Utility
Image Manipulation	Digital Photo Professional for RAW development

POWER SOURCE	
Batteries	Rechargeable Li-ion Battery NB-13L (battery and charger supplied)
Battery life	Approx. 220 shots Eco mode approx. 335 shots Approx. 300 min. playback
A/C Power Supply	Optional, AC Adapter Kit ACK-DC110 Charging via USB available with Compact Power Adaptor CA-DC30 [17]

ACCESSORIES	
Flash	Canon High Power Flash HF-DC2
Power Supply & Battery Chargers	AC Adapter Kit ACK-DC110, Compact Power Adaptor CA-DC30, Battery Charger CB-2LHE
Other	Interface cable IFC-600PCU

PHYSICAL SPECIFICATIONS	
Operating Environment	0 – 40 ˚ C, 10 – 90% humidity
Dimensions (WxHxD)	98.0 x 57.9 x 30.8 mm
Weight	Approx. 209 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

[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 avaliable in Movie Mode.

For more information visit
canon.com.au

no one sees it like you

Canon