Premium Quality, Expert Control

The PowerShot G5 X combines uncompromising image quality from a 1.0-type back-illuminated 20.2 Megapixel CMOS sensor with the exceptional speed of a DIGIC 6 processor, all packaged into beautifully compact body. For the more advanced photographer, the PowerShot G5 X's range of manual controls and high resolution OLED electronic viewfinder offers DSLR-like handling and maximum comfort when shooting

Pocketable power for stunning images
From sweeping landscapes, to up-close portraits, the PowerShot G5 X's 24mm wide-angle, ultra-bright f/1.8 - 2.8, 4.2x zoom lens, with 9-blade aperture, will help you capture stunning shots with beautiful background blur

Intuitive control, timeless design
Oozing the iconic G-series DNA, the PowerShot G5 X allows you to explore a wider number of photography features and settings, all in a conveniently compact body. The PowerShot G5 X's 3.0" vari-angle touchscreen enables you to shoot from a variety of unique angles, whilst the built in OLED electronic viewfinder is ideal for photographers wanting to keep their eye on the scene

Share your creativity
The PowerShot G5 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 G5 X

PREMIUM QUALITY, EXPERT CONTROL

OLED
EVF
2,360,000
dots

Built in 2.36 Million pixel Electronic Viewfinder, positioned perpendicular to the optical axis for a natural shooting experience

1.0
type
CMOS

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

7.5 cm
3.0 "
Vari-angle LCD

3.0-type 1.04 million dot vari-angle LCD screen allows for shooting at high or low angles and self-portraits

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 G5 X

PREMIUM QUALITY, EXPERT CONTROL

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..

f/1.8-2.8 LENS

Canon High Performance 4.2x Optical Zoom lens features 24-100mm equivalent focal length and fast f/1.8-f/2.8 aperture

DIGIC 6

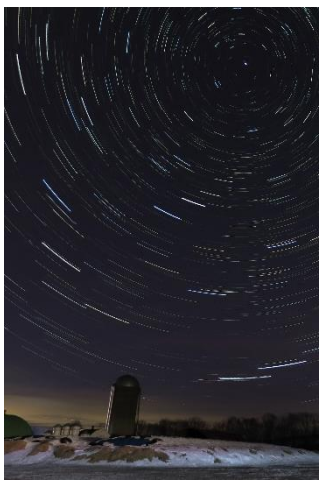
Fast, powerful and innovative, DIG!C 6 is Canon's most advanced imaging processor to date. It commands cutting-edge technologies to deliver stunning quality, seamless performance and intuitive operation

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 exposure compensation dial, control ring and main dial on front of camera 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

TECHNICAL SPECIFICATIONS

PowerShot G5 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	8.8 – 36.8 mm (35 mm equivalent: 24 – 100 mm)
Zoom	Optical 4.2x ZoomPlus 8.4x Digital Approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x [1]) Combined approx. 17x
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. 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 40 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
AEB	ND Filter (3-stop) On/ Auto/ 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 - 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
Viewfinder	EVF (0.39 type), Approx. 2,360K dots, OLED
Viewfinder / Coverage	Approx. 100%
Eyepoint / Dioptre Correction	Approx. 22 mm (from eyepiece lens centre) -3.0 to +1 m-1 (dioptre)

LCD MONITOR	
Monitor	Vari-angle 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 (up to 19 levels with external EX Speedlites 270EX II, 320EX, 430EX, 430EX II. 22 levels with 430EX III-RT, 580EX II and 600EX-RT [2])
Second Curtain Synchronisation	Yes
Built-in Flash Range	50 cm – 7.0 m (W) / 50 cm – 4.0 m (T)
External Flash	E-TTL with EX series Speedlites [2] 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, Self-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. 5.9 shots/sec [12] with AF: Approx. 4.4 shots/sec all speeds are until memory card becomes full) [3][4]
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

PowerShot G5 X

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, 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 Micro Connector Remote Switch 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 / 8.1 / 7 SP1 [18] Mac OS X 10.9 / 10.10 For Wi-Fi connection to a PC: Windows 10 / 8 / 8.1 / 7 SP1 Mac OS X 10.9 / 10.10 For Image Transfer Utility: Windows 10 / 8 / 8.1 / 7 SP1 Mac OS X 10.9 / 10.10
SOFTWARE	
Other	CameraWindow DC Map Utility Image Transfer Utility Camera Connect 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	Approx. 210 shots Aprrox. 215 shots with in-built EVF Eco mode approx. 320 shots Approx. 240 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 Speedlite (including 270EX, 270EX II, 320EX, 430EX, 430EX II, 430EX III-RT, 580EX, 580EX II and 600EX-RT [2]) Speedlite Transmitter (ST-E3-RT, ST-E2) Speedlite bracket SB-E2 Off-Camera Shoe Cord OC-E3 Canon High Power Flash HF-DC2
Remote Controller/ Switch	Remote Switch RS-60E3
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)	112.4 x 76.4 x 44.2 mm
Weight	Approx. 377 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.

[2] Not all functions of the flash are supported.

[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.

[17] Charging via USB requires Interface Cable IFC-600PCU (Sold seperately) or similar cable with USB Micro-B to USB type-A connectors

[18] Software applications compatible with Windows 10 in Windows 10 Desktop Mode only

For more information visit
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