



PowerShot G11
Specification Sheet

IMAGE SENSOR

Type	1/1.7" CCD
Effective Pixels	Approx.10.0M
Colour Filter Type	Primary Colour

IMAGE PROCESSOR

Type	DIGIC 4 with iSAPS technology
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LENS

Focal Length	6.1 - 30.5 mm (35mm equivalent: 28-140mm)
Zoom	Optical 5x. Digital approx. 4x (with Digital Tele-Converter approx. 1.4x or 2.3x and Safety Zoom [1]) [2]. Combined approx. 20x
Maximum f/number	f/2.8-f/4.5
Construction	11 elements in 9 groups (1 double-sided aspherical element)
Image Stabilisation	Yes (shift-type)

FOCUSING

Type	TTL
AF System/ Points	AiAF (Face Detection / 9-point), 1-point AF (Any position is available, fixed centre or Face Select and Track)
AF Modes	Single, Continuous, Servo AF/AE[10]
AF Point Selection	Manual selection using FlexiZone AF/AE, Size (Normal, Small)
AF Lock	On/Off Selectable
AF Assist Beam	Yes
Manual Focus	Yes
Focus Bracketing	Yes
Closest Focusing Distance	1cm (W) from front of lens in macro

EXPOSURE CONTROL

Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame)
AE Lock	Yes
Exposure Compensation	+/- 2 EV in 1/3 stop increments Enhanced i-Contrast for automatic dynamic range correction ND Filter (3 stop)
AEB	1/3 - 2 EV in 1/3 stop increments
ISO sensitivity [3]	AUTO, 80, 100, 200, 400, 800, 1600, 3200

SHUTTER

Speed	1 - 1/4000 sec (factory default) 15 - 1/4000 sec (total range - varies by shooting mode)
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WHITE BALANCE

Type	TTL
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Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom1, Custom2. White Balance Correction
VIEWFINDER	
Viewfinder	Real-image zoom, optical viewfinder
Dioptré Correction	Yes
LCD MONITOR	
Monitor	Vari-angle 2.8" PureColor II VA (TFT), approx. 461,000 dots
Coverage	100%
Brightness	Adjustable to one of five levels. Quick-bright LCD
FLASH	
Modes	Auto, Manual Flash On / Off
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.
Flash Exposure Lock	Yes
Manual Power Adjustment	3 levels with internal flash (up to 19 levels with external EX Speedlites 270EX and 430EX II. 22 levels with 580EX II [4])
Second Curtain Synchronisation	Yes
Built-in Flash Range	50cm-7.0m (W) / 4.0m (T)
External Flash	E-TTL with EX series Speedlites [4], Macro Twin Lite MT-24EX, Macro Ring Lite MR-14EX, Canon High Power Flash HF-DC1
SHOOTING	
Modes	Auto*, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom (2 modes), Low Light [5], Quick Shot, SCN (Portrait, Landscape, Night Scene, Sports, Night Snapshot, Kids & Pets, Indoor, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater, Color Accent, Color Swap, Stitch Assist), Movie *with Scene Detection Technology and Motion Detection Technology
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, Continuous, Self-Timer, FaceSelf-Timer
Continuous Shooting	Approx. 1.1 shots/sec.[6], AF: Approx. 0.7 shots/sec.[6], LV: Approx. 0.8 shots/sec.[6] (until memory card becomes full) [7]
RECORDING PIXELS / COMPRESSION	
Image Size	(L & RAW) 3648 x 2736, (M1) 2816 x 2112, (M2) 2272 x 1704, (M3) 1600 x 1200, (S) 640 x 480, (W) 3648 x 2048. Resize in playback (M3, S, 320 x 240)
Compression	Fine, Normal

	Movies	640 x 480, 30fps 320 x 240, 30fps
	Movie Length	Up to 4GB or 1 hour [7]
FILE TYPES		
	Still Image Type	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, RAW, Digital Print Order Format [DPOF] Version 1.1 compliant
	Movies Sound Files	MOV [H.264 + Linear PCM (monaural)] WAVE (monaural)
DIRECT PRINT		
	Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
	PictBridge	Yes
OTHER FEATURES		
	Red-Eye Correction	Yes, during shooting and playback
	My Camera / My Menu	Start-up image and camera sounds customisation. Menu customisation
	My Category	Image tagging feature
	Intelligent Orientation Sensor	Yes
	Histogram	Yes
	Playback zoom	Approx. 2x – 10x
	Self Timer	Approx. 2 or 10 sec., Custom or FaceSelf-Timer
	Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi
INTERFACE		
	Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
	Other	HDMI Mini Connector. A/V output (PAL/NTSC)
MEMORY CARD		
	Type	SD, SDHC, MMC, MMCplus, HC MMCplus.
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows XP SP2-3 / Vista (including SP1-2) Mac OS X v10.4 - 10.5
SOFTWARE		
	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Other	PhotoStitch
	Image Manipulation	Digital Photo Professional for RAW development
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-7L (NB-7L battery and charger supplied)
	Battery life	Approx. 390 shots [8] Approx. 420 min. playback
	A/C Power Supply	Optional, AC Adapter Kit ACK-DC50

ACCESSORIES		
Case		Soft Case DCC-660, SC-DC65A
Waterproof / Weatherproof Case		Waterproof Case (40m) WP-DC34, Waterproof Case Weight WW-DC1
Lenses		Tele-converter 1.4x TC-DC58D Lens adapter LA-DC58K
Flash		Canon Speedlites (including 220EX, 270EX, 430 EX, 430EX II, 580 EX, 580EX II [4]), Macro Twin Lite MT-24EX, Macro Ring Lite MR-14EX, Speedlite Transmitter ST-E2, Off-Camera Shoe Cord OC-E3, Speedlite Bracket BKT-DC1 High Power Flash HF-DC1
Remote Controller/ Switch		Remote Switch RS-60E3
Power Supply & Battery Chargers		AC Adapter Kit ACK-DC50, Battery Charger CB-2LZE
Other		Ring Accessory Kit RAK-DC2 Canon HDMI Cable HTC-100
PHYSICAL SPECIFICATIONS		
Operating Environment		0 – 40 °C, 10 – 90% humidity
Dimensions (WxHxD)		112.1 x 76.2 x 48.3 mm
Weight (body only)		Approx. 355g

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] Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording.

[3] Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20th April 2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras.

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

[5] Recording pixels fixed at 1600 x 1200 (ISO 3200 Mode) and 1824 x 1368 (Low Light Mode).

[6] Under conditions where the flash does not fire.

[7] Depending on memory card speed / capacity / compression setting.

[8] Using the batteries and memory card format supplied with the camera (where included), except where indicated.

[10] Some settings limit availability