

DIGITAL CAMERA		PowerShot G15
IMAGE SENSOR		
	Type	1/1.7 type Canon high-sensitivity CMOS
	Effective Pixels	Approx. 12.1M
	Colour Filter Type	Primary Colour
IMAGE PROCESSOR		
	Type	DIGIC 5 with iSAPS technology
LENS		
	Focal Length	6.1 – 30.5 mm (35 mm equivalent: 28 – 140 mm)
	Zoom	Optical 5x ZoomPlus 10x Digital Approx. 4x (with Digital Tele-Converter Approx. 1.5x or 2.0x and Safety Zoom [1]). Combined Approx. 20x
	Maximum f/number	f/1.8-f/2.8
	Construction	11 elements in 9 groups (1 single sided aspherical lens, 1 UD lens and 2 double-sided aspherical lenses)
	Image Stabilisation	Yes (lens shift-type), 4-stop. Intelligent IS
FOCUSING		
	Type	TTL
	AF System/ Points	AiAF (9-point or Face Detection with Face Select and Track), 1-point AF (any position is available or fixed centre)
	AF Modes	Single, Continuous, Servo AF/AE[10], Tracking AF
	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	1 cm (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	+/- 3 EV in 1/3 stop increments Enhanced i-Contrast with manual and automatic dynamic range correction ND Filter (3 stop)
	AEB	1/3 – 2 EV in 1/3 stop increments
	ISO sensitivity [3]	AUTO, 80, 100, 125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800
SHUTTER		
	Speed	1 – 1/4000 sec. (factory default) 15 – 1/4000 sec. (total range – varies by shooting mode)
WHITE BALANCE		
	Type	TTL
	Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom 1, Custom 2. Multi-area WB correction available in Smart Auto. White Balance Compensation.

COLOUR MATRIX		
	Type	sRGB
VIEWFINDER		
	Viewfinder Dioptre Correction	Real-image zoom, optical viewfinder Yes
LCD MONITOR		
	Monitor	7.5 cm (3.0") PureColor II G LCD (TFT). Approx. 922,000 dots
	Coverage Brightness	Approx. 100% Adjustable to one of five levels. Quick-bright LCD
FLASH		
	Modes Slow Sync Speed Red-Eye Reduction Flash Exposure Compensation Flash Exposure Lock Manual Power Adjustment Second Curtain Synchronisation Built-in Flash Range External Flash	Auto, Manual Flash On / Off Yes. Fastest speed 1/2000 sec. Yes +/- 2 EV in 1/3 stop increments. Face Detection FE, Safety FE, Smart Flash Exposure Yes 3 levels with internal flash (up to 19 levels with external EX Speedlites 270EX II and 430EX II. 22 levels with 580EX II, 600EX and 600EX-RT [4]) Yes 50 cm – 7.0 m (W) / 4.5 m (T) E-TTL with EX series Speedlites [4], Macro Twin Lite MT-24EX, Macro Ring Lite MR-14EX, Canon High Power Flash HF-DC1 and HF-DC2
SHOOTING		
	Modes Modes in Movie Photo Effects Drive modes Continuous Shooting	Smart Auto (58 scenes detected), Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom 1, Custom 2, SCN (Portrait, Smooth Skin, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst HQ, Handheld Night Scene, Underwater, Snow, Fireworks, Stitch Assist), Creative Filters (High Dynamic Range, Nostalgic, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Soft Focus, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap), Movie Digest, Movie Smart Auto (21 scenes detected), Standard, Program AE, Portrait, Nostalgic, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap, Underwater, Snow, Fireworks, iFrame Movie, Super Slow Motion Movie 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) Single, Continuous, Continuous with AF, Self-Timer Approx. 2.1 shots/sec., AF: Approx. 0.9 shots/sec., LV: Approx. 0.9 shots/sec., High-speed Burst HQ: Approx. 10.0 shots/sec., up to 10 shots, High-speed Burst HQ with AF: Approx. 5.2 shots/sec., up to 10 shots [6][7]

RECORDING PIXELS / COMPRESSION		
	Image Size	4:3 - (RAW, L) 4000 x 3000, (M1) 2816 x 2112, (M2) 1600 x 1200, (S) 640 x 480 16:9 - (RAW, L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360 3:2 - (RAW, L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424 1:1 - (RAW, L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 4:5 - (RAW, L) 2400 x 3000, (M1) 1696 x 2112, (M2) 960 x 1200, (S) 384 x 480
	Compression Movies	Resize in playback (M2, S, XS) *XS is half the length and width of S Superfine, Fine (Full HD) 1920 x 1080, 24 fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps Super Slow Motion Movie (L) 640 x 480, 120fps, (M) 320 x 240, 240fps Miniature Effect (HD, L) 6fps, 3fps, 1.5 fps iFrame Movie (HD)
	Movie Length	(Full HD & HD) Up to 4 GB or 29 min. 59 sec. [11] (L and M) Up to 4 GB or 1 hour [7] (Super Slow Motion Movie) 30 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, RAW+JPEG
	Movies	MOV [H.264 + Linear PCM (stereo)] iFrame
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 My Camera / My Menu	Yes, during shooting and playback Start-up image and camera sounds customisation. Menu customisation
	My Category Intelligent Orientation Sensor	Image tagging feature Yes
	Histogram	Yes, live histogram
	Playback zoom	Approx. 2x - 10x
	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
INTERFACE		
	Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
	Other	HDMI Mini Connector (HDMI-CEC compatible) A/V output (PAL/NTSC)

MEMORY CARD		
	Type	SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 7 SP1 / Vista SP2 / XP SP3 Mac OS X v10.6 – 10.7
SOFTWARE		
	Browsing & Printing Other Image Manipulation	ImageBrowser EX PhotoStitch Digital Photo Professional for RAW development
POWER SOURCE		
	Batteries Battery life A/C Power Supply	Rechargeable Li-ion Battery NB-10L (NB-10L battery and charger supplied) Approx. 350 shots [8] Approx. 420 min. playback Optional, AC Adapter Kit ACK-DC80
ACCESSORIES		
	Cases / Straps Waterproof / Weatherproof Case Lenses Flash Remote Controller/ Switch Power Supply & Battery Chargers Other	Soft Case DCC-1620, SC-DC85 Waterproof Case (40m) WP-DC48, Waterproof Case Weight WW-DC1 Tele-converter 1.4x TC-DC58E Conversion Lens Adapter LA-DC58L Filter Adapter FA-DC58D (Compatible with Canon 58mm Filters: Circular Polarizing Filter PL-C B, Neutral Density Filters ND4-L & ND8-L, Protect Filter, UV Filter, Skylight Filter, Softmat Filter No.1 & 2) Canon Speedlites (including 270EX II, 320EX, 430EX II, 580EX II, 600EX, 600EX-RT [4]) Macro Twin Lite MT-24EX, Macro Ring Lite MR-14EX (Both require Conversion Lens Adapter LA-DC58L), Speedlite Transmitter ST-E2, Off-Camera Shoe Cord OC-E3, Bracket BKT-DC1, Speedlite Bracket SB-E2 Remote Switch RS-60E3 AC Adapter Kit ACK-DC80, Battery Charger CB-2LCE Canon HDMI Cable HTC-100
PHYSICAL SPECIFICATIONS		
	Operating Environment Dimensions (WxHxD) Weight	0 – 40 °C, 10 – 90% humidity 106.6 x 75.9 x 40.1 mm Approx. 352 g (including battery/batteries and memory card)
<p>Subject to change without notice.</p> <p>[1] Depending on the image size selected. [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. [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. [11] 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.</p>		