

DIGITAL CAMERA		PowerShot A590 IS
IMAGE SENSOR		
Type	Effective Pixels	1/2.5" CCD Approx 8.0M
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		DIGIC III with iSAPS technology
LENS		
Focal Length	Zoom	5.8 – 23.2 mm (35mm equivalent: 35 – 140mm) Optical 4x. Digital approx. 4x (2) (with Digital Tele-Converter approx. 1.6x or 2.0x and Safety Zoom (1))(2). Combined approx. 16x
Maximum f/number	Construction	f/2.6 – f/5.5 7 elements in 5 groups (2 aspherical elements)
Image Stabilisation		Yes (shift-type)
FOCUSING		
Type	AF System/ Points	TTL AiAF (Face Detection / 9-point), 1-point AF (fixed to centre or Face Select and Track)
AF Lock		On/Off Selectable
AF Assist Beam		Yes
Manual Focus		Yes
Closest Focusing Distance		5cm (W) from front of lens in macro
EXPOSURE CONTROL		
Metering modes		Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre)
AE Lock		Locked when shutter button is pressed half way
Exposure Compensation		+/- 2 EV in 1/3 stop increments
ISO sensitivity (3)		AUTO, High ISO Auto (incorporating Motion Detection Technology), 80, 100, 200, 400, 800, 1600
SHUTTER		
Speed		1/60 - 1/2000 sec (factory default)
WHITE BALANCE		
Type		TTL
Settings		Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
VIEWFINDER		
Viewfinder		Real-image zoom, optical viewfinder
LCD MONITOR		
Monitor		2.5" Amorphous silicon TFT, approx. 115,000 dots
Coverage		100%
FLASH		
Modes		Auto, Manual Flash On / Off
Red-Eye Reduction		Yes
Flash Exposure Compensation		+/- 2 EV in 1/3 stop increments. Face Detection FE. Safety FE.
Manual Power Adjustment		3 levels with internal flash
Built-in Flash Range		30cm-3.5m (W) / 2.2m (T)
External Flash		Canon High Power Flash HF-DC1
SHOOTING		
Modes		Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Easy, Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, Movie, Special Scene (Night Scene, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium)
Photo Effects		My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited))
Drive modes		Single, Continuous, Self-Timer
Continuous Shooting		Approx. 1.4 shots/sec.(6) (until memory card becomes full)(7)
RECORDING PIXELS /		
Image Size		(L) 3264 x 2448, (M1) 2592 x 1944, (M2) 2048 x 1536, (M3, Date Stamp) 1600 x 1200, (S) 640 x 480, (W) 3264 x 1832. Resize in playback (M3, S, 320 x 240)
Compression		Superfine, Fine, Normal
Movies		(L)640 x 480, 20fps/20fps(LP)
Movie Length		Up to 4GB or 1 hour (L and M) (7)
FILE TYPES		
Still Image Type		JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies		AVI [Motion JPEG compression + WAVE (monaural)]
Sound Files		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 Category		Image tagging feature
Sound Memo		Up to 60 sec per image
Intelligent Orientation Sensor		Yes
Histogram		Yes
Playback zoom		Approx. 2x – 10x
Self Timer		Approx. 2 or 10 sec. or Custom
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
INTERFACE		
Computer		Hi-Speed USB (Mini-B, MTP, PTP)
Other		A/V output (PAL/NTSC)
MEMORY CARD		
Type		SD, SDHC, MMC, MMCplus, HC MMCplus. 32MB memory card supplied
SUPPORTED OPERATING		
PC & Macintosh		Windows 2000 SP4 / XP SP2 / Vista
SOFTWARE		
Browsing & Printing		ZoomBrowser EX / ImageBrowser
Other		PhotoStitch
Drivers		TWAIN (2000)
POWER SOURCE		
Batteries		2x Size-AA Alkaline or NiMH Batteries(NB4-300) (Alkalines supplied)
Battery life		Approx. 200 shots (8) (with supplied batteries)
A/C Power Supply		Optional, AC Adapter Kit ACK800
ACCESSORIES		
Case		Soft Case DCC-80
Lenses		Tele-converter 1.75x TC-DC52A,
Flash		High Power Flash HF-DC1
Power Supply & Battery Chargers		Battery Charger Kit CBK4-300, Ni-MH Batteries NB4-300, AC adapter kit ACK800
PHYSICAL SPECIFICATIONS		
Operating Environment		0 – 40 °C, 10 – 90% humidity
Dimensions (WxHxD)		94.3 x 64.7 x 40.8mm
Weight (body only)		Approx. 175g

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

(6) Under conditions where the flash does not fire.

(7) Depending on memory card speed / capacity

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